CVSI

CVSI, Inc.
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**Guide to
Prime User Documents**

DOC13079-2PA

Guide to Prime User Documents

June 1992

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*This catalog describes the user documents for Prime computers
and their supporting systems, utilities, and applications.*

Documentation Policies

Prime maintains a small stock of documents for the software revision prior to the current revision for the convenience of users who do not want to upgrade immediately. These documents can be ordered in small quantities.

Machine-readable versions of Prime documents are not available.

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About Prime Documents

Type of Document	Description
DOC or MAN L = Loose-leaf P = Perfect-bound X = Other binding	Book. Most DOCs and MANs are available in loose-leaf format. A few early editions are also available in perfect-bound format. To facilitate the use of update pages, it is recommended that you order the loose-leaf version of the book. Revision or release documents and pocket-sized companions are now published as DOCs or MANs.
IDC or IVE	Foreign-language book.
UPD	Update to a book with the prefix DOC.
UPM	Update to a book with the prefix MAN.
IDU	Foreign-language update to a book with the prefix IDC.
DCP	Set of books, including the appropriate binders. If book numbers are given for books in a DCP, the books can also be ordered separately.
IDR	Nonbook publication, such as installation instructions, reference cards, or a videotape. In early editions, an IDR is the initial version of a book.
IMI	Foreign-language nonbook publication.
RLN	Release notes.
IRN	Foreign-language release notes.
PTU	In early editions, a technical update. Now all updates are published as UPDs.
PDR	In early editions, a preliminary release of a book. PDRs, if revised, are reissued as DOCs.
FDR	In early editions, a pocket-sized companion, or the third version of a book. Now companions are published as DOCs.
COR	In early editions, update pages to a book with the FDR designation. Now all update packages are published as UPDs.
SMN	PrimeService service manual.

About Binders

The following binders are available for Prime user documents:

IDR99999-501	binder with slipcase, 1-1/2" ring	for 5-1/2" x 8-1/2" and 6-1/4" x 8-1/2" books
IDR99999-502	binder with slipcase, 2" ring	for 5-1/2" x 8-1/2" and 6-1/4" x 8-1/2" books
IDR99999-801	binder (no slipcase), 1" ring	for 8-1/2" x 11" books
IDR99999-802	binder (no slipcase), 2" ring	for 8-1/2" x 11" books

About This Catalog

This edition of the *Guide to Prime User Documents* describes the user documents for Prime® computers and their supporting systems, utilities, and applications as of June 1992. The listing for each document includes revisions and updates for each supported release, in chronological order. Prime CAD/CAM publications are not listed in this catalog but appear in the *Telemarketing Catalog*, CA8040. To receive a copy, call Telemarketing at 1-800-827-7463.

Documentation is grouped into five sections: PRIME EXL™, Prime INFORMATION™, PC Networking, PRIMOS® and 50 Series™, and Publications for Earlier Releases, where titles of older documents appear. An index lists books alphabetically by title.

Changes in the June 1992 edition include the addition of HYPER SESSION™, IMAGEWAY™, PI/open™, CONNECTION™ NetWare®, UPoint™, and PRIMOS Rev. 23.3 titles, as well as the moving of all titles of PRIME EXL 300 Series, PRIME EXL MBX™, Prime Office Automation System (OAS), PRIMEWAY™, and PRIMIX™ documents to the section Publications for Earlier Releases.

* indicates new publications since the last edition of this catalog.

Contents

PRIME EXL

PRIME EXL 7000 Series

This section describes documentation on the following topics for PRIME EXL™ 7000 Series computers:

- Core Documentation
- Site Preparation
- Data Manager Plus
- PRIME EXL™ Portable NetWare®
- SMTP/MHS Gateway
- Additional Communications Products
- Compilers
- RISCwindows™
- Other Documentation

For a complete list of system documentation, including the current release notes, see the online file /usr/doc/books.

Core Documentation

RISC/os Programmer's Reference Manual, Volume I

DOC20015-1LA   RISC/os™ 4.5

For programmers.

This manual describes the programming features of RISC/os 4.5. It contains descriptions of AT&T UNIX® System V commands, system calls, subroutines, libraries, file formats, macro packages, and character set tables.

RISC/os Programmer's Reference Manual, Volume II

DOC20016-1LA   RISC/os 4.5

For programmers.

This manual describes the programming features of RISC/os 4.5. It contains descriptions of BSD and POSIX commands, system calls, subroutines, libraries, file formats, macro packages, and character set tables.

RISC/os User's Reference Manual, Volume I

DOC20017-1LA   RISC/os 4.5
DOC20017-2LA   RISC/os 4.5 *

For users.

This manual describes, in manpage format, all System V and RISC/os-specific user commands and application programs included with the RISC/os operating system.

RISC/os User's Reference Manual, Volume II

DOC20018-1LA   RISC/os 4.5
DOC20018-2LA   RISC/os 4.5 *

For users.

This manual describes, in manpage format, all BSD user commands and application programs included with the RISC/os operating system.

RISC/os System Administrator's Reference Manual

DOC20019-1LA   RISC/os 4.5
DOC20019-2LA   RISC/os 4.5*

For System Administrators.

This manual describes, in manpage format, the commands, files, and procedures used by System Administrators. System maintenance, special files, and system maintenance procedures are covered.

RISC/os System Administrator's Guide, Volume I

DOC20020-1LA   RISC/os 4.5

For System Administrators.

This guide provides instructions and background material for performing administrative and maintenance tasks on PRIME EXL 7000 Series computers. Volume I contains information on system security, user services, system run levels, disk management, file system administration, performance monitoring and system configuration, line printer administration, TTY management, UUCP administration, TCP/IP, NFS™, network information service, printer spooler, and sendmail installation and operations. There are also five appendices giving quick reference information.

RISC/os System Administrator's Guide, Volume II

DOC20021-1LA   RISC/os 4.5

For System Administrators.

Volume II provides more information and detailed step-by-step procedures for accomplishing the tasks discussed in the *RISC/os System Administrators Guide, Volume I.*

RISC/os Programmer's Guide, Volume I

DOC20022-1LA   RISC/os 4.5

For programmers who have not worked extensively in the RISC/os system environment.

Volume I describes how to write programs for the RISC/os environment. This guide supplements books on programming languages by describing elements specific to PRIME EXL 7000 Series computers. Topics covered include programming basics, tools for application programming, awk, lex, yacc, the link editor, make, source code control system (SCCS), revision control system (RCS), debugging tools, shared libraries, and interprocess communication (IPC).

RISC/os Programmer's Guide, Volume II

DOC20023-1LA   RISC/os 4.5

For experienced RISC/os programmers.

Volume II describes more advanced aspects of interprocess communication (IPC), external data representation (XDR), and remote procedure calls (RPC). The emphasis is on writing network applications.

RISC/os User's Guide

DOC20024-1LA   RISC/os 4.5

For users.

This guide introduces users to the RISC/os operating system. The guide is divided into two parts. The first part provides an overview of RISC/os, the basics of using a terminal to communicate with the system, and an overview of the file system. The second part of the guide consists of tutorials on the following subjects: the line editor (ed), the screen editor (vi), shell programming (sh), electronic communications tools, and using the C shell (csh). Important reference information is included in six appendices, including summaries of system commands, quick references to ed and vi, instructions on setting up your terminal, and a glossary of important terms pertaining to RISC/os.

RISC/os RISCompiler and C Programmer's Guide

DOC20027-1LA   RISC/os 4.5
RLN13154-1PA   C Release 2.20*
RLN13177-1XA   ANSI C Rel. 2.20*

For C programmers or programmers using other high-level languages in a RISC/os environment.

This guide describes the components and programming tools that comprise the RISCompiler™ system. It contains implementation details on supported languages, but does not contain detailed reference information giving the syntax and definition of each language. For C programmers, this book provides information on compiling and linking programs, storage mapping, language interfaces, and other information specific to the RISC/os implementation of the C programming language. The book also contains information about improving program performance and debugging programs. This information may be useful to programmers using any supported high-level language.

At Release 2.20 the C compiler is no longer bundled with the operating system. The release notes package provides release-specific installation and configuration information.

PRIME EXL User's Handbook

DOC10358-1LA   March 1991

For users new to the UNIX operating system.

This handbook combines the features of a tutorial and a command reference to introduce the operating systems running on the PRIME EXL MBX™ 486 computer and the PRIME EXL 7000 Series computer. The book includes explanations, command line syntax, and examples of everyday tasks. Appendices contain a quick reference to commands, tables comparing commands in the PRIMOS® and UNIX operating systems, documentation listings, and a glossary.

Site Preparation

Preparing Your Site for a Prime/Computervision Computer

SMN1050   December 1990

For customers who purchased 50 Series™ or PRIME EXL computers.

This book describes site preparation for 50 Series and PRIME EXL computers. Site selection is discussed. Requirements and recommendations governing the environment and electrical system for the computer are also covered.

Data Manager Plus

Guide to Data Manager Plus *

MAN13138-1PA   Release 1.0
RLN13138-1XA   Release 1.0

For System Administrators managing disk devices and file systems.

This guide describes how to create and modify virtual partitions. It does not describe formatting, partitioning, or backup of disk devices.

The release notes package includes the information required to install Data Manager Plus.

PRIME EXL Portable NetWare

PRIME EXL Portable NetWare User's Guides, v3.01, for PRIME EXL 7000 Series

DCP10198   RISC/os 4.52 or later

For all Portable NetWare network users.

This binder contains three manuals. The *Portable NetWare Utilities Reference* describes Portable NetWare workstation utilities for network supervisors, host-system managers, and network users. It is designed to help network users of all levels, but it is geared primarily toward network supervisors and host-system managers. The *Portable NetWare Utilities Supplement* is primarily for the Portable NetWare Administrator. It contains PRIME EXL Portable NetWare utilities supplied with the PRIME EXL systems. *Portable NetWare Concepts* is an extended glossary of Portable NetWare software terms, arranged alphabetically.

Portable NetWare User Basics Guide, v3.01

DCP10297   December 1990

For all Portable NetWare network users.

DCP10297 contains one manual in a binder. This DCP contains documentation applicable to all PRIME EXL platforms that run PRIME EXL Portable NetWare. *Portable NetWare User Basics* explains basic networking concepts and gives an overview of how a Portable NetWare network operates.

PRIME EXL Portable NetWare Supervisor's Guides I, v3.01, for PRIME EXL 7000 Series

DCP10199   RISC/os 4.52 or later

For System Administrators.

This binder contains three manuals. The *Portable NetWare Overview* is intended for the PRIME EXL Portable NetWare System Administrator. It provides a brief overview of PRIME EXL Portable NetWare v3.01 software and describes the interaction between PRIME EXL Portable NetWare software and the PRIME EXL host-system environment. *Portable NetWare System Administration* describes the SCONSOLE and maintenance utilities of PRIME EXL Portable NetWare v3.01 software on the PRIME EXL system. It explains how to administer and monitor the PRIME EXL Portable NetWare file server and set up and use host print queues on the Portable NetWare file server. *Portable NetWare System Messages* is a reference to system messages generated by NetWare 386 utilities and NetWare 386 v3.1 operating system and shell software. It is intended for experienced NetWare users as a reference for understanding error conditions and the actions needed to correct them.

PRIME EXL Portable NetWare Supervisor's Guides II, v3.01, for PRIME EXL 7000 Series

DCP10200   RISC/os 4.52 or later

For System Administrators.

This DCP contains five manuals in one binder, and Portable NetWare worksheets. *Portable NetWare Installation* contains information you need to install Portable NetWare v3.01 software in your host computer, connect personal computers to the network, establish network directories, and set up user accounts. The *Portable NetWare Installation Supplement for PRIME EXL* describes how to install PRIME EXL Portable NetWare v3.01 software on a PRIME EXL system. The *NetWare External Bridges Supplement* serves as both a planning guide and an installation reference for planning and installing a NetWare bridge. The *NetWare Installation Supplement for Novell Ethernet* explains how to install Novell® Ethernet® networking hardware on a NetWare network. The *NetWare Installation Supplement for 3Com EtherLink and EtherLink Plus* explains how to plan and install your 3Com™ Ethernet network. It introduces the networking hardware and the procedures for installing the hardware. The *Portable NetWare Worksheets* are designed to be used with the Portable NetWare installation documentation.

NetWare for OS/2 Guide and NetWare for Macintosh Guides, v3.01

DCP10300   December 1990

For System Administrators and users.

This binder contains three manuals. This DCP contains documentation applicable to all PRIME EXL platforms that run PRIME EXL Portable NetWare. *NetWare Requester for OS/2* explains how to use the NetWare Requester for OS/2™ with workstations running OS/2. It tells how to install the NetWare Requester and NetWare utilities, and reconfigure the NetWare Requester and the NetWare Spooler. Information on the NetWare utilities is also included. *NetWare for Macintosh: Installation and Maintenance* contains the information you need to install and maintain Portable NetWare v3.01 on your Macintosh® workstation. *NetWare for Macintosh: Basic Operations* covers the basic user operations you can perform with Portable NetWare using your Macintosh workstation.

Portable NetWare Novell Supplements, v3.01

DCP10301   December 1990

For System Administrators.

This binder contains three manuals, which are supplements to one or several NetWare manuals. This DCP contains documentation applicable to all PRIME EXL platforms that run PRIME EXL Portable NetWare. Each manual explains how to plan, prepare, and install a specific networking hardware product on a NetWare network. The manuals included in this set are: *NetWare Installation Supplement for IBM Token-Ring Network*, *NetWare Installation Supplement for IBM PC Network*, and *NetWare Installation Supplement for Standard Microsystems ARCNET*.

TCP/IP, v1.0, Gateway for PRIME EXL Portable NetWare Guides, v3.01, for PRIME EXL 7000 Series

DCP10202   RISC/os 4.52 or later

For System Administrators.

This binder contains two manuals. *TCP/IP Gateway Installation and Administration for Portable NetWare* describes how to install the TCP/IP Gateway software on a PRIME EXL system. The *TCP/IP Gateway User's Guide for Portable NetWare* describes the operation of the TCP/IP Gateway software for PRIME EXL Portable NetWare. It includes information about how data moves from your personal computer over a local area network, through the TCP/IP Gateway server, to a TCP/IP remote host system, or vice versa.

SMTP/MHS Gateway

SMTP/MHS Gateway Program Administrator's Guide

DOC13060-1LA   Revision 1.0

For SMTP/MHS Gateway Administrators.

The SMTP/MHS Gateway enables users of mail applications based on SMTP (Simple Mail Transfer Protocol) and MHS (Message Handling Service) to communicate with each other. This guide provides an overview of the SMTP/MHS Gateway, with examples of how sites can use gateways to expand their communications systems worldwide. It also provides specific information for planning, installing, configuring, and administering the gateway.

Additional Communications Products

LTS Network Administrator's Guide *

MAN13107-1LA   October 1991

For people responsible for installation, configuration, and daily administration of the LTS LAN Terminal server.

MAN13107-1LA is divided into four books. Book A presents an introduction to the LTS, its features, its network applications, and the network protocols it supports. Book B provides instructions on configuring the LTS, the serial ports, the parallel port, and any required service. Book C provides information on managing the network using tools and utilities supplied with the LTS. Book D provides reference material on the LTS tools and utilities.

LTS User's Guide *

MAN13108-1LA   October 1991

For first-time users.

This guide is for novice LTS users whose terminals are connected to an LTS and who want to communicate with a host on the network. The book contains two chapters. Chapter 1 provides a tutorial on using many of the LTS features and commands. Chapter 2 provides a reference for the user commands.

LTS325 Hardware Installation Guide *

MAN13109-1LA   October 1991

For System Administrators.

This guide provides instructions for installing the LTS325 LAN Terminal server, and describes ROM Monitor commands, troubleshooting, and diagnostic procedures. Details about network installation and device wiring exceed the scope of this document.

LTS350 Hardware Installation Guide *

MAN13110-1LA   October 1991

For System Administrators.

This guide provides instructions for installing the LTS350 LAN Terminal server, and describes ROM Monitor commands, troubleshooting, and diagnostic procedures. Details about network installation and device wiring exceed the scope of this document.

LTS LAN Terminal Server Installation Notes *

RLN13112-2XA   March 1992

For people responsible for installing LTS325 and LTS350 software.

This installation notes package provides instructions for installing software on a particular host and downloading the LTS with the necessary files.

PRIME EXLNET X.25 Network Administrator's Guide

DOC13002-1LA   PRIME EXLNET™
                Version 3.0

For Network Administrators familiar with the operating system, the system administration (sysadm) utility, and with a good working knowledge of the X.25 protocol suite.

This guide describes the installation and configuration procedures required to connect the PRIME EXL MBX 486 system or the PRIME EXL 7000 Series system to an X.25-based network.

PRIME EXLNET X.25 Reference Manual

DOC13003-1LA   PRIME EXLNET
                Version 3.0

For users, programmers, and Network Administrators familiar with the operating system, the system administration (sysadm) utility, and the X.25 protocol suite.

This manual describes the features and utilities of the PRIME EXLNET X.25 networking package for the PRIME EXL MBX 486 system and the PRIME EXL 7000 Series system. These features include commands, subroutines, network files, miscellaneous facilities, and special files.

PRIME EXLNET X.25 EXLPAD User's Guide

DOC13004-1LA   PRIME EXLNET
                Version 3.0

For users, programmers, and Network Administrators familiar with the operating system, the system administration (sysadm) utility, and the X.25 protocol suite.

This guide describes the operation of the PRIME EXLNET X.25 Packet Assembler/Disassembler (EXLPAD) utility for the PRIME EXL MBX 486 system and the PRIME EXL 7000 Series system. It contains descriptions of the basic commands, command examples, and X.3 parameter descriptions.

PRIME EXLNET X.25 Network Programmer's Guide *

DOC13005-1LA   PRIME EXLNET
                Version 3.2

For programmers familiar with the operating system, the system administration (sysadm) utility, and the X.25 protocol suite.

This guide describes the Network Layer Interface (NLI) for programmers whose applications will access X.25-based networking facilities. The interface uses the standard STREAMS mechanisms for communicating with the in-kernel PLP driver.

PRIME EXLNET X.25 Release Notes for VME-based 7000 Systems *

RLN13155-1XA   RISComm X.25,
                Version 1.02p

For Network Administrators and programmers familiar with the operating system, the system administration (sysadm) utility, and the X.25 protocol suite.

This release notes package describes the changes to the PRIME EXNET X.25 product at Release 1.02p for VME-based 7000 systems running RISC/os Release 4.52.P2 or 4.52.P3. Among the topics covered are documentation, NPI, changes to the base product, installation, configuration, and LLC2.

RISComm X.25 Administrator's Guide *

DOC13180-1LA   RISComm X.25,
                Version 1.02p

For Network Administrators familiar with the operating system, the system administration utility (sysadm), and the X.25 protocol suite.

This guide describes the installation and configuration procedures required to connect the PRIME EXL 7000 Series system to an X.25-based network.

RISComm X.25 Reference Manual *

DOC13179-1LA   RISComm X.25,
                Version 1.02p

For users, programmers, and Network Administrators familiar with the operating system and the X.25 protocol suite.

This manual describes the features and utilities of the RISComm networking package for the PRIME EXL 7000 Series system. These features include commands, subroutines, network files, miscellaneous facilities, and special files.

RISComm X.25 User's Guide *

DOC13182-1LA RISComm X.25,
Version 1.02p

For users, programmers and Network Administrators familiar with the operating system, the system administration utility (sysadm), and the X.25 protocol suite.

This guide describes the operation of the RISComm X.25 Packet Assembler/Disassembler (pad) utilitiy for the PRIME EXL 7000 Series system. It contains descriptions of the basic commands, command examples, and X.3 parameter descriptions.

RISComm X.25 Programmer's Guide *

DOC13181-1LA RISComm X.25,
Version 1.02p

For programmers familiar with the operating system and the X.25 protocol suite.

This guide describes the Network Layer Interface (NLI) for programmers whose applications will access X.25-based networking facilities. The interface uses the standard STREAMS mechanisms for communicating with the in-kernel PLP driver.

PRIME/SNA RJE EXL Administrator's and User's Guide

MAN11084-2LA Version 2.0
RLN11084-21A Version 2.1

For System Administrators and users who operate PRIME/SNA™ RJE EXL.

This guide describes PRIME/SNA RJE EXL from a System Administrator's and a user's standpoint. It discusses SNA concepts and provides a product summary. It also describes System Administrator responsibilities, pre-installation procedures, software installation, configuration, system management, and RJE_USER commands. Finally, it provides specific instructions on operating PRIME/SNA RJE EXL and describes the RMT_USER utility and RMT_USER commands.

The release notes package updates the installation instructions, corrects errors, and provides additional information on the planning and configuration process for Version 2.1.

PRIME/SNA Interactive EXL Administrator's and User's Guide

MAN11085-2LA Version 2.0
RLN11085-22A Version 2.1

For System Administrators, application programmers, and users who operate the PRIME/SNA Interactive EXL software package.

This guide describes PRIME/SNA Interactive EXL from both a System Administrator's and a user's standpoint. Part I, which covers topics of interest to both System Administrators and users, discusses SNA concepts and provides a product summary. Part II, which is of particular interest to the System Administrator, includes discussions of System Administrator responsibilities, pre-installation procedures, software installation, configuration, system management, and the Terminal Definition Utility. Part III, which provides specific instructions on operating PRIME/SNA Interactive EXL, describes the User's Quickstart Procedure, 3278 display emulation, 3287 printer emulation, and the Application Programming Interface (API).

The release notes package updates the installation instructions, corrects errors, and provides additional information on the planning and configuration process for Version 2.1.

Note: An accompanying set of PRIME/SNA Interactive EXL Template Labels can be ordered using order number IDR11180-1XA.

PRIME/SNA LU 6.2 Application Programming Interface EXL User's Guide

MAN11086-2LA Version 2.0
RLN11086-21A Version 2.1

For System Administrators, application programmers, and users who operate SNA 6.2.

This guide describes the PRIME EXL implementation of the Systems Network Architecture (SNA) Logical Unit Type 6.2 and Physical Unit Type 2.1 protocols. Topics covered include an introduction to SNA concepts; getting started with SNA; a beginning look at the product; using SNA; a reference guide; and the Application Programming Interface. Security features are discussed and a diagnostic guide for applications is also provided.

The release notes package updates the installation instructions and corrects errors.

PRIME/SNA Server EXL Administrator's and User's Guide

MAN11239-1LA Version 2.0
RLN11239-12A Version 2.1

For System Administrators and application programmers who operate the PRIME/SNA Server EXL software package.

This guide describes the PRIME EXL implementation of the Systems Network Architecture (SNA) protocols that enable network connectivity for the following products: PRIME/SNA LU 6.2 API EXL, LU 0123, PRIME/SNA Interactive EXL, and PRIME/SNA RJE EXL. It describes how a System Administrator installs the PRIME/SNA Server EXL product, activates the link to the host, establishes node processes, and creates configurations that enable other PRIME/SNA products to operate. This book also describes how an application programmer can create and debug transaction programs using the Application Programming Interface (API) included as part of the PRIME/SNA Server EXL product.

The release notes package updates the installation instructions, corrects errors, and provides additional information on the planning and configuration process for Version 2.1.

LU 0123 Application Programming Interface User's Guide

MAN11240-1LA   Version 2.0
RLN11240-11A   Version 2.1

For System Administrators and application programmers who install and write programs that use the LU 0123 Application Programming Interface.

This guide describes how application programmers can create and debug programs that use the LU 0123 Application Programming Interface to perform services available to Systems Network Architecture (SNA) Logical Unit Types 0, 1, 2, and 3. Topics covered include a summary of features, installation requirements and procedures, programming guidelines, a reference guide to 0123 API verbs, and a description of major and minor return codes.

The release notes package updates the installation instructions.

PRIME/SNA EXL Version 2.2 Installation Release Notes for the PRIME EXL 7340 System

RLN13084-1LA   RISC/os 4.52

For Network Administrators.

This release notes package should be used with the four PRIME/SNA guides and the LU 0123 guide listed above. It updates PRIME/SNA installation procedures for the PRIME EXL 7340 system, provides information about setting the environment variables, and corrects documentation errors in the *PRIME/SNA Server EXL Administrator's and User's Guide.*

PRIME/SNA EXL Version 2.2 Installation Release Notes for the PRIME EXL 7360 System

RLN13085-1LA   RISC/os 4.52

For Network Administrators.

This release notes package should be used with the four PRIME/SNA guides and the LU 0123 guide listed above. It updates PRIME/SNA installation procedures for the PRIME EXL 7360 system, provides information about setting the environment variables, and corrects documentation errors in the *PRIME/SNA Server EXL Administrator's and User's Guide.*

Compilers

RISC/os FORTRAN Programmer's Guide and Language Reference

DOC20028-1LA   RISC/os 4.5

FORTRAN RISCompiler Release Notes

RLN13077-1XA   Release 2.20 *

For FORTRAN programmers.

This guide is divided into two parts. Part I provides information necessary to implement FORTRAN programs using RISC/os and the RISCompiler system. Topics covered include compiling, linking and running programs, storage mapping, language interfaces, system functions and subroutines, and runtime error messages. Part II provides a language reference and covers all rules and syntax of the FORTRAN language as implemented on PRIME EXL 7000 Series computers.

This release notes package provides release-specific installation and configuration information. It describes certain features of the product, including known exceptions to ANSI-standard FORTRAN.

RISC/os Pascal Programmer's Guide

DOC20029-1XA   RISC/os 4.5

RISC/os Pascal Release Notes

RLN13076-1XA   Release 2.20 *

For Pascal programmers.

This guide describes the RISCompiler language extensions to ANSI-standard Pascal, and the implementation of Pascal on a PRIME EXL 7000 Series computer, including how to compile and link edit programs, storage mapping, and Pascal program interfaces to other languages.

The release notes package provides release-specific installation and configuration information. It describes certain features and functions of the Prime product, including exceptions to ANSI-standard Pascal.

RISCwindows

Any of the following manuals can be ordered separately. In addition, the three documentation packages described below provide a convenient way to order sets of books. The *RISCwindows User Setup Guide* and *Release Notes* are not part of a DCP package and must be ordered individually.

DCP10305 (X Window System™ Documents) contains the *X Window System User's Guide [OSF/Motif Edition], X Toolkit Intrinsics Reference Manual, X Toolkit Intrinsics Programming Manual, X Window System in a Nutshell,* and *X Window System Programming and Application With Xt [OSF/Motif Edition].*

DCP10304 (X Windows Xlib Documents) contains the *Xlib Programming Manual* and *Xlib Reference Manual.*

DCP10303 (OSF/Motif™ Documents) contains the *OSF/Motif Programmer's Guide, OSF/Motif Programmer's Reference,* and *OSF/Motif User's Guide.*

RISCwindows User Setup Guide*

MAN13139-1PA   Release 4.0
RLN13139-1XA   Release 4.0

For System Administrators and others using windowing software on the PRIME EXL 7000 Series system.

RISCwindows 4.0 is based on the fourth release of the X Window System, Version 11 from MIT. This guide contains information on setting up and using RISCwindows and also shows how to customize the environment to your liking.

The release note package provides instructions for installing Release 4.0.

X Window System User's Guide [OSF/Motif Edition]

MAN11310-2PA   X Window System
                Version 11 Release
                4.0, OSF/Motif
                Release 1.1

For all X Window System users.

This guide orients users to window system concepts and provides detailed tutorials for many client programs, including the *xterm* terminal emulators and the *mwm* window manager. It describes how to use the Motif™ window manager with the standard MIT X clients.

X Toolkit Intrinsics Reference Manual

MAN11312-2PA   X Window System
                Version 11 Release 4.0

For proficient C programmers.

This manual describes the X Toolkit Intrinsics in depth and contains reference pages for the MIT Athena widgets. It is designed to be used with the *X Toolkit Intrinsics Programming Manual.*

X Toolkit Intrinsics Programming Manual

MAN11313-2PA   X Window System
                Version 11 Release
                4.0, OSF/Motif
                Release 1.1

For proficient C programmers.

This manual provides a complete programmer's guide to the X Toolkit (Xt). It uses Motif widgets to demonstrate how to use existing widgets, but is equally applicable to and provides a good introduction to programming with any other widget set based on Xt, such as the MIT Athena widgets, or the AT&T OPEN LOOK™ widget set.

X Window System in a Nutshell

MAN13014-1XA   X Window System
                Version 11 Release 4.0

For proficient C programmers.

This book contains essential information from the other volumes of the X Window System series in a quick-reference format.

X Window System Programming and Applications With Xt [OSF/Motif Edition]

MAN13012-1PA   X Window System
                Version 11 Release
                4.0, OSF/Motif
                Release 1.1

For programmers developing applications with the X Window System and Motif.

This book provides examples that illustrate various aspects of X, Xt, and Motif.

Xlib Programming Manual

MAN11308-2PA   X Window System
                Version 11 Release 4.0

For proficient C programmers.

This manual provides instructions for programming with the X library (Xlib), the lowest level programming interface to X.

Xlib Reference Manual

MAN11309-2PA   X Window System
                Version 11 Release 4.0

For proficient C programmers.

This manual describes the X library (Xlib), the C language programming interface to Version 11 of the X Window System. Xlib is the lowest level programming interface to X.

OSF/Motif Programmer's Guide

MAN13015-1PA   OSF/Motif Release 1.1

For programmers creating Motif applications.

This guide takes programmers creating Motif applications through the various components of the environment. Widgets, gadgets, and conventions are covered in depth.

OSF/Motif Programmer's Reference

MAN13016-1PA   OSF/Motif Release 1.1

For programmers creating Motif applications.

This manual completely details OSF/Motif commands and functions, including Toolkit, window manager, and user interface language. By outlining all syntax and usage, this manual helps programmers write applications using Motif interfaces.

OSF/Motif User's Guide

MAN13017-1PA   OSF/Motif Release 1.1

For programmers creating Motif applications.

This guide teaches programmers the fundamentals of working with Motif. Topics covered include creating and manipulating windows on the screen, personalizing the Motif environment to suit individual tastes, and using applications written for Motif.

Visual Debugger Guide *

MAN13141-1PA   Release 4.0

For programmers familiar with dbx, UNIX, and Motif.

This guide documents the window interface to the interactive, line-oriented, source-level symbolic debugger dbx. Chapter 1 describes each window of the debugger interface. Chapter 2 illustrates the major visual debugger functions by providing step-by-step instructions for debugging a sample program.

PostScript Previewer Guide *

MAN13140-1PA   Release 4.0

For all RISCwindows users.

This guide documents the RISCwindows previewer that displays PostScript® files. The previewer displays PostScript files on a workstation so that documents can be selected and displayed online prior to printing.

Other Documentation

RISC/os STREAMS Primer and Programmer's Guide

DOC20025-1LA   RISC/os 4.5

For System Administrators, managers, and programmers who need to use the STREAMS mechanisms.

The *STREAMS Primer* contains a high-level technical overview of the STREAMS mechanism. The *STREAMS Programmer's Guide* assumes working knowledge of the *STREAMS Primer* and includes detailed information, with various examples, on the development methods and design philosophy of all aspects of STREAMS. The *STREAMS Programmer's Guide* is organized into two parts. Part I, Application Programming, describes the development of user-level applications. Part II, Module and Driver Programming, describes the STREAMS kernel facilities for development of modules and drivers.

RISC/os Guide to Using BSD

DOC20026-1XA   RISC/os 4.5

For all users of PRIME EXL 7000 Series computers.

This guide describes 4.3 BSD-based enhancements to RISC/os. Topics covered include the user environment, the programming environment, and system administration.

RISC/os RISCompiler Porting Guide

DOC20030-2XA   RISC/os 4.5

For experienced developers and system programmers.

This guide provides information required in order to port programs from other operating systems to the RISC/os environment. Topics covered include an overview of the porting process, a summary of troubleshooting information, RISC/os considerations, hardware-related considerations, undefined language elements, information specific to RISC/os-supported programming languages, and programming tools.

RISC/os Assembly Language Programmer's Guide

DOC20031-1LA   RISC/os 4.5

For experienced assembly language programmers.

This guide describes the assembly language supported by the RISC/os compiler system, its syntax rules, and how to write some assembly language programs. Topics covered include: registers, addressing, exception handling, the instruction set, the coprocessor instruction set, linkage conventions, pseudo-op codes, object file format, and symbol table format.

PRIME EXL MBX 486

This section describes documentation on the following topics for the PRIME EXL MBX™ 486 computer, running the PRIME EXL MBX V.4.0 operating system:

- Core Documentation
- Site Preparation and Hardware Diagnostics
- Communications
- Languages

For a complete list of system documentation, including the current release notes, see the online file /usr/doc/books.

Core Documentation

In addition to the Prime system-specific documentation described below, the following AT&T manuals are available:

UNIX System V Release 4 User's Guide, MAN13018-1LA

UNIX System V Release 4 System Administrator's Guide, MAN13019-1LA

UNIX System V Release 4 Programmer's Guide: ANSI C and Programming Support Tools, MAN13020-1LA

UNIX System V Release 4 Programmer's Guide: Character User Interface (FMLI and ETI), MAN13021-1LA

UNIX System V Release 4 Programmer's Guide: Networking Interfaces, MAN13022-1LA

UNIX System V Release 4 Programmer's Guide: POSIX Conformance, MAN13023-1LA

UNIX System V Release 4 Programmer's Guide: System Services and Application Packaging Tools, MAN13024-1LA

UNIX System V Release 4 Programmer's Guide: STREAMS, MAN13025-1LA

UNIX System V Release 4 ANSI C Transition Guide, MAN13026-1LA

UNIX System V Release 4 BSD/XENIX Compatibility Guide, MAN13027-1LA

UNIX System V/386 Release 4 Product Overview and Master Index, MAN13028-1LA

UNIX System V/386 Release 4 User's Reference Manual, MAN13029-1LA

UNIX System V/386 Release 4 System Administrator's Reference Manual, MAN13030-1LA

UNIX System V/386 Release 4 Programmer's Reference Manual, MAN13031-1LA

UNIX System V/386 Release 4 Network User's and Administrator's Guide, MAN13032-1LA

UNIX System V/386 Release 4 Migration Guide, MAN13035-1LA

UNIX System V/386 Release 4 Device Driver Interface / Driver-Kernel Interface Reference Manual, MAN13036-1LA

UNIX System V/386 Release 4 Programmer's Guide SCSI Driver Interface, MAN13037-1LA

UNIX System V/386 Release 4 Integrated Software Development Guide, MAN13039-1LA

PRIME EXL MBX 486 Hardware Installation Guide

DOC10359-1LA   March 1991

For users of the PRIME EXL MBX 486 computer.

This guide describes the initial setup procedure for your PRIME EXL MBX 486 computer. It also describes how to install boards, disk and tape drives, and diskette drives in your computer as wel how to connect external devices. It provides step-by-step procedures for installing the hardware. Appendices describe equipment specifications, use cartridge tapes and diskette drives, an power-on self-test (POST) diagnostics

PRIME EXL MBX Software Installation Guide

DOC10360-1LA   PRIME EXL MBX
                     V.4.0
DOC10360-2LA   PRIME EXL MBX
                     V.4.0, Version 3.0*

For System Administrators.

This guide describes how to install the operating system for your PRIME EXL MBX 486 computer. It provides step-by-step procedures for installing the the Base OS Set software and the Foundation Add-On Set software. It discusses initial system setup, including setting the time and time zone, assigning administrative and system passwords, activating terminal lines, and establishing new user logins. At this release, a revised set of installation procedures reflect UNIX® System V Release 4 Version 3 operating system changes.

PRIME EXL MBX 486 V.4.0.3.0 Operating System Release Notes*

RLN13154-1XA   PRIME EXL MBX
                     V.4.0, Version 3.0

For System Administrators.

This release notes package documents the changes made to the PRIME EXL MBX 486 operating system at System V Release 4 Version 3 of the UNIX operating system. New features discussed include a new SCSI disk and tape driver and a new idle user logout program.

PRIME EXL MBX System Administrator's Handbook

DOC10362-1LA   PRIME EXL MBX
                     V.4.0

For UNIX System Administrators.

This handbook introduces basic system administration tasks using the sysadm utility. Each chapter covers a specific area of UNIX system administration and provides step-by-step instructions for accomplishing tasks using sysadm menus and forms. Administrators with knowledge of other operating systems, but not the UNIX system, should read this book and refer to the *UNIX System V Release 4 System Administrator's Guide* for detailed background information.

PRIME EXL User's Handbook

DOC10358-1LA   March 1991

For users new to the UNIX operating system.

This handbook combines the features of a tutorial and a command reference to introduce the operating systems running on the PRIME EXL MBX 486 computer and the PRIME EXL™ 7000 Series computer. The book includes explanations, command line syntax, and examples of everyday tasks. Appendices contain a quick reference to commands, tables comparing commands in the PRIMOS® and UNIX operating systems, documentation listings, and a glossary.

PRIME EXL InfoCenter User's Guide

DOC20036-1LA   PRIME EXL MBX
                     V.4.0

For all users of PRIME EXL computers.

This guide documents the InfoCenter online documentation system for PRIME EXL MBX 486 computers. Information included covers using all parts of the software, customizing the system to suit individual site requirements, adding cross-references, and updating the manpage database.

Site Preparation and Hardware Diagnostics

Preparing Your Site for a Prime/Computervision Computer

SMN1050   December 1990

For customers who purchased 50 Series™ or PRIME EXL computers.

This book describes site preparation for 50 Series and PRIME EXL computers. Site selection is discussed. Requirements and recommendations governing the environment and electrical system for the computer are also covered.

PRIME EXL MBX 486 Diagnostics User's Guide

DOC20053-1LA   March 1991

For System Administrators.

This guide documents the operation and use of service diagnostics to determine and diagnose PRIME EXL MBX 486 hardware problems.

Communications

PRIME EXLNET X.25 Network Administrator's Guide

DOC13002-1LA   PRIME EXLNET™
Version 3.0

For Network Administrators familiar with the operating system and the sysadm (system administration utility), and with a good working knowledge of the X.25 protocol suite.

This guide describes the installation and configuration procedures required to connect the PRIME EXL MBX 486 system or the PRIME EXL 7000 Series system to an X.25-based network.

PRIME EXLNET X.25 Reference Manual

DOC13003-1LA   PRIME EXLNET
Version 3.0

For users, programmers, and Network Administrators familiar with the operating system, the system administration (sysadm) utility, and the X.25 protocol suite.

This manual describes the features and utilities of the PRIME EXLNET X.25 networking package for the PRIME EXL MBX 486 system and the PRIME EXL 7000 Series system. These features include commands, subroutines, network files, miscellaneous facilities, and special files.

PRIME EXLNET X.25 EXLPAD User's Guide

DOC13004-1LA   PRIME EXLNET
Version 3.0

For users, programmers, and Network Administrators familiar with the operating system, the system administration (sysadm) utility, and the X.25 protocol suite.

This guide describes the operation of the PRIME EXLNET X.25 Packet Assembler/Disassembler (EXLPAD) utility for the PRIME EXL MBX 486 system and the PRIME EXL 7000 Series system. It contains descriptions of the basic commands, command examples, and X.3 parameter descriptions.

PRIME/SNA EXL Version 2.2 Installation Release Notes for the PRIME EXL MBX 486 System

RLN13083-1LA   PRIME EXL MBX V.4

For all users of PRIME/SNA™ EXL.

This release notes package documents the changes made to PRIME/SNA EXL at Version 2.2 involving the device driver, controller card, and software installation of the full PRIME/SNA EXL product set.

PRIME EXLNET X.25 Network Programmer's Guide *

DOC13005-1LA   PRIME EXLNET
Version 3.2

For programmers familiar with the operating system, the system administration (sysadm) utility, and the X.25 protocol suite.

This guide describes the Network Layer Interface (NLI) for programmers whose applications will access X.25-based networking facilities. The interface uses the standard STREAMS mechanisms for communicating with the in-kernel PLP driver.

PRIME/SNA RJE EXL Administrator's and User's Guide

MAN11084-2LA   Version 2.0
RLN11084-21A   Version 2.1

For System Administrators and users who operate PRIME/SNA RJE EXL.

This guide describes PRIME/SNA RJE EXL from both a System Administrator's and a user's standpoint. It discusses SNA concepts and provides a product summary for System Administrators and users. It also describes System Administrator responsibilities, pre-installation procedures, software installation, configuration, system management, and RJE_USER commands. Finally, it provides specific instructions on operating PRIME/SNA RJE EXL and describes the RMT_USER utility and RMT_USER commands.

The release notes package updates the installation instructions, corrects errors, and provides additional information on the planning and configuration process for Version 2.1.

PRIME/SNA Interactive EXL Administrator's and User's Guide

MAN11085-2LA   Version 2.0
RLN11085-22A   Version 2.1

For System Administrators, application programmers, and users who operate the PRIME/SNA Interactive EXL software package.

This guide describes PRIME/SNA Interactive EXL from both a System Administrator's and a user's standpoint. Part I, which covers topics of interest to both System Administrators and users, discusses SNA® concepts and provides a product summary. Part II, which is of particular interest to the System Administrator, includes discussions of System Administrator responsibilities, pre-installation procedures, software installation, configuration, system management, and the Terminal Definition Utility. Part III, which provides specific instructions on operating PRIME/SNA Interactive EXL, describes the User's Quickstart Procedure, 3278 display emulation, 3287 printer emulation, and the Application Programming Interface (API).

The release notes package updates the installation instructions, corrects errors, and provides additional information on the planning and configuration process for Version 2.1.

Note: An accompanying set of PRIME/SNA Interactive EXL Template Labels can be ordered using order number IDR11180-1XA.

PRIME/SNA LU 6.2 Application Programming Interface EXL User's Guide

MAN11086-2LA   Version 2.0
RLN11086-21A   Version 2.1

For System Administrators, application programmers, and users who operate SNA 6.2.

This guide describes the PRIME EXL implementation of the Systems Network Architecture (SNA) Logical Unit Type 6.2 and Physical Unit Type 2.1 protocols. Topics covered include an introduction to SNA concepts; getting started with SNA; a beginning look at the product; using SNA; a reference guide; and the Application Programming Interface. Security features are discussed and a diagnostic guide for applications is also provided.

The release notes package updates the installation instructions and correct errors.

PRIME/SNA Server EXL Administrator's and User's Guide

MAN11239-1LA   Version 2.0
RLN11239-12A   Version 2.1

For System Administrators and application programmers who operate the PRIME/SNA Server EXL software package.

This guide describes the PRIME EXL implementation of the Systems Network Architecture (SNA) protocols that enable network connectivity for the following products: PRIME/SNA LU 6.2 API EXL, LU 0123, PRIME/SNA Interactive EXL, and PRIME/SNA RJE EXL. It describes how a System Administrator installs the PRIME/SNA Server EXL product, activates the link to the host, establishes node processes, and creates configurations that enable other PRIME/SNA products to operate. This book also describes how an application programmer can create and debug transaction programs using the Application Programming Interface (API) included as part of the PRIME/SNA Server EXL product.

The release notes package updates the installation instructions, corrects errors, and provides additional information on the planning and configuration process for Version 2.1.

LU 0123 Application Programming Interface User's Guide

MAN11240-1LA   Version 2.0
RLN11240-11A   Version 2.1

For System Administrators and application programmers who install and write programs that use the LU 0123 Application Programming Interface.

This guide describes how application programmers can create and debug programs that use the LU 0123 Application Programming Interface to perform services available to Systems Network Architecture (SNA) Logical Unit Types 0, 1, 2, and 3. Topics covered include a summary of features, installation requirements and procedures, programming guidelines, a reference guide to 0123 API verbs, and a description of major and minor return codes.

The release notes package updates the installation instructions.

Languages

SVS Symbolic Debugger Reference Manual

MAN10199-2XA   Version 2.8

For SVS C™, SVS FORTRAN™, and SVS Pascal™ programmers.

This manual explains how to use the Silicon Valley Software (SVS) debugger to debug programs written in any of the SVS high-level languages, such as C, FORTRAN, or Pascal. Instructions on how to run the debugger are followed by descriptions of debugger concepts, commands, and the .dbg file.

This manual may be used with these books: *SVS C Language Reference Manual; SVS FORTRAN-77 Language Reference Manual; SVS Pascal Language Reference Manual.*

SVS C Language Reference Manual

MAN10200-2XA   Version 2.8

For SVS C programmers.

This manual describes the C programming language as implemented by Silicon Valley Software, Inc. Topics covered include basic lexical elements of C declarations, expressions, and statements. Standard input and output, program structure, facilities, and the C preprocessor are also covered.

SVS Pascal Language Reference Manual

MAN10201-2XA   Version 2.8

For SVS Pascal programmers.

This manual describes the Pascal programming language as implemented by Silicon Valley Software, Inc. Topics covered include data types, variables, expressions, statements, and input and output facilities. Program structure, standard procedures and functions, and Pascal compile-time options are described as well. The manual also indicates how closely this version of Pascal matches other Pascal compilers.

SVS FORTRAN-77 Language Reference Manual

MAN10202-2XA   Version 2.8

For SVS FORTRAN programmers.

This manual describes the FORTRAN-77 programming language as implemented by Silicon Valley Software, Inc. Topics covered include control flow; data types; expressions; and statements such as specification statements, assignment statements, control statements, input/output statements, and format statements. Program structure and FORTRAN compile-time options are also covered.

SVS Language System User Guide

MAN10418-1XA   Version 2.8

For all SVS programmers.

This book is a guide to the SVS implementation of C, Pascal, and FORTRAN running on UNIX-based operating systems. It provides an overview of the compilation process, describes the commands used to run the several phases of the compilers, and describes the runtime environment and how it may be reconfigured. Three appendices list error messages from the three compilers.

PRIME EXL MBX 486

Prime INFORMATION

Prime INFORMATION

This section describes documentation for Prime INFORMATION™, the Prime® database management system for 50 Series™ computers, under the following headings:

- Overview
- Administration, Operation, and Configuration
- HYPER SESSION™
- IMAGEWAY™
- SIMPLE™ – a menu-driven interface
- PERFORM™ – the Prime INFORMATION command interpreter
- INFORM™ – the query language and report generator
- INFO/BASIC™ – the programming language
- Editors
- Interfaces
- Master Index
- System Update
- SMA Compatibility
- SQL Implementation

Prime INFORMATION/pc™ books are described in the Personal Computers section of this catalog.

Overview

Prime INFORMATION Mini Reference Guide

IDC10154-4LA   Prime
                INFORMATION
                Release 8.0

For new users of Prime INFORMATION.

This guide updates and expands on the *INFORMATION Highlights Companion.* It also includes a series of appendices on the Prime INFORMATION Multinational product.

Prime INFORMATION Primer

DOC3909-053L   Prime
                INFORMATION
                Release 5.3, Master
                Disk Rev. 19.1

For new users of Prime INFORMATION. It assumes no previous exposure to Prime INFORMATION concepts and terms.

This primer provides a tutorial introduction to the uses and features of Prime INFORMATION software. It describes the development of a sample application with many step-by-step examples. Users should be able to create, query, and update their own files after reading this book, as well as creating menus and writing reports for those files.

INFORMATION Highlights Companion

FDR5212-000   Prime
INFORMATION
Release 4.5

For all users of Prime INFORMATION.

This pocket guide provides an overview of Prime INFORMATION terms, concepts, and verbs. It explains how to set up files and describes the types of files available. It lists all commonly used PERFORM and INFORM verbs, the stack commands, and the Editor commands.

Administration, Operation, and Configuration

Prime INFORMATION Administrator's Reference Guide

DOC10065-3LA   Prime
INFORMATION
Release 8.1, Master
Disk Rev. 21.0

For Prime INFORMATION Administrators. Users should be familiar with Prime equipment and software.

This guide covers administering the Prime INFORMATION bootstrap processor, installing Prime INFORMATION, allocating and manipulating the catalog space, manipulating Prime INFORMATION locks, administering the ISYS account, creating and maintaining Prime INFORMATION accounts, defining terminal types with the General Terminal Interface (GTI), and cataloging and administering subroutines with the General Calling Interface (GCI).

HYPER SESSION

Getting Started With HYPER SESSION: PC Installation and Setup *

MAN13094-1PA   Versions 1.0 and 1.1

For people installing HYPER SESSION client software on a PC.

This guide describes what is needed in order to get started using HYPER SESSION on a PC. It lists PC system requirements, local area network requirements, and steps that must be taken before installing the software. The book presents detailed guidelines for installing HYPER SESSION client software and setting up a Windows™ 3.0 environment. Information about the HYPER SESSION server software can be found in the *HYPER SESSION Administrator's Guide.*

HYPER SESSION Administrator's Guide: 50 Series Systems *

MAN13098-1PA   Version 1.0
MAN13098-2PA   Version 1.1

For System Administrators of a 50 Series system running HYPER SESSION.

This guide provides information on installing and configuring the HYPER SESSION server on a 50 Series system. It describes the server subsystem, the client subsystem, and client/server interaction, and outlines steps to be taken before and during installation. Additional information is provided on testing the database connection and setting up PC clients. The book includes a hyper.install.como file as well as information on server and client messages and an installation troubleshooting checklist.

HYPER SESSION PC Client Pre-installation Networking Guide*

DOC13097-1PA   Version 1.0
DOC13097-2PA   Version 1.1

*For people installing Ethernet®
networking hardware and software on the
PC prior to using HYPER SESSION on a
TCP/IP local area network.*

This guide provides a description of the
HYPER SESSION PC client software
distribution diskettes, an overview of
hardware requirements for installation,
instructions for installing and configuring
the supporting network software,
suggestions for testing the network
software, and an overview checklist of the
requirements for installing and running the
HYPER SESSION server and client
software that may be useful to System
Administrators.

HYPER SESSION User's Reference*

MAN13095-1PA   Version 1.0
MAN13095-2PA   Version 1.1

For HYPER SESSION users.

This book provides the basic information
needed in order to use HYPER SESSION.
An introductory section explains the
components of the three main windows
and provides instructions for a quick start,
using some key features of the product.
The bulk of the book is an alphabetical
reference to tasks, including entries for
terms and commands. An appendix lists
and explains informational and error
messages.

HYPER SESSION Desktop Application Reference*

MAN13096-1PA   Versions 1.0 and 1.1

For HYPER SESSION users.

This reference is a companion booklet to
the *HYPER SESSION User's Reference*. It
provides instructions and specific
examples for copying HYPER SESSION
query results to other PC applications:
Lotus® Ami Professional®, Lotus
1-2-3®, Microsoft® Excel, and
Microsoft® Word for Windows™.

IMAGEWAY

Getting Started With IMAGEWAY*

MAN13159-1PA   Version 1.0

For all IMAGEWAY users.

This book should be read first by anyone
who will be involved with the
IMAGEWAY product. The first chapter
provides an overview of the components
in the IMAGEWAY system and explains
IMAGEWAY from the point of view of the
user, the programmer, and the System
Administrator. System requirements are
outlined in the second chapter. The third
chapter contains guidelines for estimating
disk storage, server CPU, and Image
Station requirements, based on estimated
use of the IMAGEWAY application. The
glossary defines commonly used terms.

IMAGEWAY Image Station User's Guide*

MAN13161-1PA Version 1.0

For IMAGEWAY users.

This guide assumes an understanding of
the basic components of the IMAGEWAY
product, as described in *Getting Started
With IMAGEWAY*, as well as a minimal
working familiarity with MS-DOS® and
Microsoft Windows. It describes the
Image Station components and provides
detailed instructions, with screen
illustrations, for using the Image Viewer
and the Host Presenter. A quick reference
section describes the functionality of each
button in the Image Viewer. The glossary
defines commonly used terms.

IMAGEWAY Programmer's Reference*

MAN13160-1PA   Version 1.0

*For programmers including IMAGEWAY
functions in a Prime INFORMATION
application.*

This book assumes an understanding of
INFO/BASIC and familiarity with the
Prime INFORMATION environment. An
overview of IMAGEWAY is provided,
including a discussion of storage devices
and clustering techniques. The book then
describes how to structure image
applications and the use of document keys.
A reference section provides syntax and
examples for the cataloged INFO/BASIC
routines that make up the Image Manager.
Other topics covered include writing a
spooler, error handling, and debugging.
Appendices contain information on log
files and status and error messages. The
glossary defines commonly used terms.

IMAGEWAY System Administrator's Guide: 50 Series Systems*

MAN13158-1PA   Version 1.0

*For System Administrators installing and
administering IMAGEWAY on 50 Series
systems.*

This guide covers both PC and host
installation of the IMAGEWAY product. It
first provides an overview of the
IMAGEWAY system, describing its
components and the approach to
administering them. The book discusses
system preparation, network installation,
and the installation and configuration of
IMAGEWAY. Detailed information is
given on designing and configuring the
IMAGE Store. Also included is
information on printing and on running
diagnostic programs. The glossary defines
commonly used terms.

Setting Up Your Image Station *

MAN13165-1PA   Version 1.0

For people who will be assembling and configuring the Image Station, as part of installing IMAGEWAY (to be used with the IMAGEWAY System Administrator's Guide).

This booklet provides checklists of the hardware, software, and documentation required to set up an Image Station. It lists the site-specific steps necessary to assemble and complete the configuration of the Image Station. In case of a hard disk crash or other hardware problem, information is provided for reinstalling the Image Station software so that the IMAGEWAY software can then be reinstalled. Flowcharts outline the procedure for upgrading the Image Station hardware and software, for example, to upgrade from a Display Station to a Scan Station or from a Scan Station to a Print Station.

SIMPLE

Prime INFORMATION SIMPLE User's Guide

DOC8350-3LA   Prime INFORMATION Release 5.4, SIMPLE Release 6.0

DOC8350-3PA   Prime INFORMATION Release 5.4, SIMPLE Release 6.0

For users who prefer a menu-driven, easy-to-learn-and-use interface to Prime INFORMATION. Also for experienced users, including application development personnel, who wish to quickly prototype larger applications.

This guide explains how to use Prime INFORMATION SIMPLE to create files, describe dictionaries, enter data on formatted screens, and perform inquiries and reports on that data. It provides the basic terminology needed to create, access, and maintain SIMPLE files. It illustrates the menu that provides the interface between the user and the Prime INFORMATION System, and details each menu option. It also describes the SIMPLE functions that are available outside of the menu options.

As revised for SIMPLE Release 6.0, the book documents the enhanced SIMPLE product, which includes a separate menu for utility options. Prime INFORMATION Release 5.4 is required for this version of SIMPLE.

Prime INFORMATION SIMPLE Reference Guide

MAN10260-2LA   Prime INFORMATION Release 8.0, SIMPLE Release 8.1

For Prime INFORMATION SIMPLE users.

This guide explains how to use SIMPLE, the menu-driven interface for defining and updating Prime INFORMATION files. Procedures for creating data files and dictionary fields are covered. The manual describes tools for designing needed data entry and inquiry screens, as well as facilities for customizing reports.

Prime INFORMATION SIMPLE Release Document

DOC10029-1PA   Prime INFORMATION Release 5.4, SIMPLE Release 7.0

For Prime INFORMATION SIMPLE users who are upgrading to SIMPLE Release 7.0. Knowledge of SIMPLE is assumed. Prerequisite: Prime INFORMATION SIMPLE User's Guide, SIMPLE Release 6.0.

This document updates SIMPLE for Release 7.0. It discusses the following enhancements: wider custom reports, a freeform screen design, and a program generator. Additionally, it describes problems fixed at this release and problems outstanding, and provides guidelines for installation.

Prime INFORMATION SIMPLE Release Document

DOC10160-1LA   Prime
INFORMATION
Release 6.0, SIMPLE
Release 7.1

For Prime INFORMATION SIMPLE users who are upgrading to SIMPLE Release 7.1. Knowledge of SIMPLE is assumed. Prerequisites: Prime INFORMATION SIMPLE User's Guide, *SIMPLE Release 6.0;* Prime INFORMATION SIMPLE Release Document, *SIMPLE Release 7.0.*

This document updates SIMPLE for Release 7.1. It describes nine areas of increased functionality: fully functional program generator, redesigned main menu, new quit procedure, PERFORM execution at Option G1, expanded conversion features, prime number modulus calculation, display name entry, new end-of-record subroutine feature, and operational improvements. It also provides installation guidelines.

PERFORM

Prime INFORMATION PERFORM Reference Guide

DOC10059-3LA   Prime
INFORMATION
Release 8.1, Master
Disk Rev. 21.0

For users familiar with Prime INFORMATION who need detailed reference material on specific topics. Prerequisites: Prime INFORMATION Primer; INFORMATION Highlights Companion.

This guide documents PERFORM, the command interpreter of Prime INFORMATION. Topics covered include: file structure and maintenance, the VOC file, paragraphs, the PERFORM command stack, the command editor, select lists, and menus. The commands reference section fully describes each PERFORM command.

INFORM

Prime INFORMATION INFORM Reference Guide

DOC10112-2LA   Prime
INFORMATION
Release 8.1, Master
Disk Rev. 21.0

For experienced Prime INFORMATION users.

This guide describes all aspects of INFORM, the Prime INFORMATION English-like data entry and inquiry language. It gives complete instructions on the use of MODIFY, the data entry and update utility, and complete details on retrieving data from Prime INFORMATION files.

INFO/BASIC

Prime INFORMATION
INFO/BASIC Reference Guide

DOC10023-3LA   Prime
              INFORMATION
              Release 8.1, Master
              Disk Rev. 21.0

*For experienced Prime INFORMATION
users who are familiar with the material in
the Prime INFORMATION PERFORM
Reference Guide and who have some
general programming knowledge.
Knowledge of other forms of the BASIC
language is particularly helpful.*

This book is a comprehensive guide to
INFO/BASIC. It covers all aspects of the
language and contains detailed
descriptions of all statements and
functions, grouped by function. While
primarily intended as a reference guide, it
does contain programming examples and
useful commentary. This book also
documents the use of the INFO/BASIC
Debugger, which can be used to
interactively and quickly debug
INFO/BASIC application programs at the
source level. It is intended for use as a
programmer's reference source for the
syntax, use, and function of all Debugger
commands.

MONITOR.PROGRAM User's
Guide

DOC10323-1LA   Prime
              INFORMATION
              Release 8.1,
              MONITOR.
              PROGRAM Release
              1.0

*For experienced Prime INFORMATION
and INFO/BASIC users.*

This guide describes how to use
MONITOR.PROGRAM, a tool for
monitoring INFO/BASIC programs and
generating reports for use in optimizing
program performance.

Editors

Prime INFORMATION Editors
Reference Guide

DOC11278-1LA   Prime
              INFORMATION
              Release 8.1, Master
              Disk Rev. 21.0

*For all users of Prime INFORMATION
who have some familiarity with the terms
and concepts of that system. Prerequisite:
INFORMATION Highlights Companion
or Prime INFORMATION INFORM
Reference Guide.*

This guide combines both tutorial and
reference material on the Prime
INFORMATION line, full-screen, and
command editors. It shows how to use the
editors for creating INFO/BASIC
programs, for editing all types of Prime
INFORMATION files, and for editing
commands. A summary of commands and
features is included.

Interfaces

Prime INFORMATION Interface
Reference Guide

DOC10221-2LA   Prime
              INFORMATION
              Release 8.1, Master
              Disk Rev. 21.0

*For programmers who want to access
Prime INFORMATION files from
application programs and personal
computers, access MIDASPLUS™ files
from INFO/BASIC programs, or access
system support subroutines of the
PRIMOS® operating system and the
Executable Program Format (EPF)
libraries from INFO/BASIC programs.*

This guide documents the General Calling
Interface (GCI), INFORMATION Calling
Interface (ICI), Prime INFORMATION/pc
interface, and the MIDASPLUS interface.
The ICI is a subroutine-calling interface
for access to Prime INFORMATION files
from application programs. The interface
allows data to be exchanged between
Prime INFORMATION and other
environments. The GCI allows
INFO/BASIC programs to access
PRIMOS subroutines and EPF libraries.
The Prime INFORMATION/pc interface
consists of the command and
communications protocols that allow
access to Prime INFORMATION files on
remote mainframes or minicomputers
from a personal computer. The
MIDASPLUS interface allows access to
MIDASPLUS files from INFO/BASIC
programs. The interface consists of
INFO/BASIC procedures that access the
MIDASPLUS FORTRAN interface
subroutines, facilities to convert
INFO/BASIC strings to MIDASPLUS data
types (and vice versa), and insert files that
contain the relevant keys, flags, and error
codes.

Master Index

Prime INFORMATION Master Index

DOC10243-2LA   Prime INFORMATION Release 8.1, Master Disk Rev. 21.0

For all users of Prime INFORMATION.

This manual is the master index for the Prime INFORMATION document set, consisting of the *Prime INFORMATION INFO/BASIC Reference Guide*, *Prime INFORMATION PERFORM Reference Guide*, *Prime INFORMATION INFORM Reference Guide*, *Prime INFORMATION Administrator's Reference Guide*, *Prime INFORMATION Interface Reference Guide*, *Prime INFORMATION Editors Reference Guide*, *SMA to Prime INFORMATION Conversion Guide*, *Prime INFORMATION INFORM/SMA Reference Guide*, and *Prime INFORMATION PROC Reference Guide*. Each entry refers to one or more of these manuals, including the name of the manual and the page on which the relevant information can be found.

System Update

Prime INFORMATION System Update

DOC10287-1LA   Prime INFORMATION Release 8.1, Master Disk Rev. 21.0

For all Prime INFORMATION users who are installing Release 8.1 of Prime INFORMATION software.

This book documents changes and enhancements to Prime INFORMATION software at Release 8.1. These include performance enhancements, new functionality, and enhancements to PERFORM, INFORM, INFO/BASIC, administration, editors, and interface functions. The book also provides installation instructions.

SMA Compatibility

Prime INFORMATION INFORM/SMA Reference Guide

DOC10286-1LA   Prime INFORMATION Release 8.1, Master Disk Rev. 21.0

For users who are familiar with Prime INFORMATION or with the material presented in the Prime INFORMATION Primer or the Prime INFORMATION Mini Reference Guide and who are familiar with the standard for data retrieval languages set by PICK® Spectrum, formerly the Spectrum Manufacturers' Association (SMA).

This is a reference guide to INFORM/SMA, the Prime INFORMATION data entry and inquiry language that is compatible with the standards of the Spectrum Manufacturers' Association (SMA).

Prime INFORMATION PROC Reference Guide

DOC10288-1LA   Prime INFORMATION Release 8.1, Master Disk Rev. 21.0

For users who are familiar with using PROCs on SMA systems.

This guide describes all topics related to Prime INFORMATION PROC, which is the SMA-compatible, stored procedure language of Prime INFORMATION.

SMA to Prime INFORMATION Conversion Guide

DOC10289-1LA   Prime INFORMATION Release 8.1, Master Disk Rev. 21.0

For users who are familiar with Prime INFORMATION and the SMA system from which applications are to be transferred.

This guide describes how to transfer SMA applications to Prime INFORMATION.

SQL Implementation

Prime INFORMATION SQL

DOC20039-1LA   Prime
INFORMATION
Release 8.1, Prime
INFORMATION SQL
Release 1.0

For end users familiar with SQL, who do not know the Prime INFORMATION query language INFORM, and for application developers who wish to use SQL-type statements within a Prime INFORMATION environment.

This book documents the Prime implementation of SQL (Structured Query Language) within the Prime database management system, Prime INFORMATION (on 50 Series machines) and Prime INFORMATION PLUS (on PRIME EXL™ machines). Topics covered include the relationship between SQL and Prime INFORMATION, differences from the ANSI standard, using SQL interactively or with the statement editor, control statements, ANSI mode statements and Prime extensions to these statements, the application programming interface, and general administrative functions including installation and removal of Prime INFORMATION SQL.

Prime INFORMATION PLUS

This section describes documentation for Prime INFORMATION PLUS™, the Prime® database management system for PRIME EXL™ computers, under the following headings:

- Overview
- Administration, Operation, and Configuration
- HYPER SESSION™
- SIMPLE™
- PERFORM™
- INFORM™
- INFO/BASIC™
- Editors
- Master Index
- SMA Compatibility
- SQL Implementation
- Multinational Guide

Overview

An Introduction to Prime INFORMATION PLUS

DOC10340-1LA   Release 1.0
DOC10340-2LA   Release 3.0 *

For new users of Prime INFORMATION PLUS, and for those users who have previously run Prime INFORMATION on a different operating system.

This book provides a general overview of Prime INFORMATION PLUS and the way it runs on its operating system. General principles and guidelines are discussed, and users are referred to other documents for detailed descriptions of the product and its constituent parts.

Administration, Operation, and Configuration

Prime INFORMATION PLUS Administrator's Guide for PRIME EXL Systems

DOC10337-1LA   Release 1.0
UPD10337-11A   Release 2.0
DOC10337-2LA   Release 3.0 *

For Prime INFORMATION Administrators familiar with the equipment and the operating system being used.

This guide covers installation and removal, the bootstrap processor, catalog space, locks, the ISYS account, administering accounts, the General Terminal Interface (GTI), and device administration. Appendices cover administrator commands, the HELP system, and access permissions.

Prime INFORMATION PLUS Account Conversion Guide

DOC10343-1LA   Release 1.0
UPD10343-11A   Release 2.0
UPD10343-12A   Release 3.0 *

For Prime INFORMATION Administrators, and experienced Prime INFORMATION or Prime INFORMATION PLUS users.

This guide describes how to transfer accounts and applications from, and to, Prime INFORMATION and Prime INFORMATION PLUS. This includes the transfer of accounts from uniVerse™ or other PICK® Spectrum systems, and the transfer of accounts from Prime INFORMATION (50 Series™ systems) to Prime INFORMATION PLUS (PRIME EXL systems).

Prime INFORMATION PLUS Interface Guide *

DOC13075-1LA   Release 3.0

For programmers and application developers of Prime INFORMATION PLUS.

This guide documents two Prime INFORMATION interfaces that allow a developer to produce applications which can exchange information between PI/open™ and external routines. The two interfaces are the INFORMATION Calling Interface (ICI) and the General Calling Interface (GCI).
The manual introduces the ICI, describes initialization of, and exit from the ICI, procedures used for file and record I/O, and procedures for select list operation, string processing and miscellaneous functions.

Also covered is a description of the GCI, with explanations on its use in conjunction with C or FORTRAN; some sample routines are given.

HYPER SESSION

Getting Started With HYPER SESSION: PC Installation and Setup *

MAN13094-1PA   Versions 1.0 and 1.1

For people installing HYPER SESSION client software on a PC.

This guide describes what is needed in order to get started using HYPER SESSION on a PC. It lists PC system requirements, local area network requirements, and steps that must be taken before installing the software. The book presents detailed guidelines for installing HYPER SESSION client software and setting up a Windows™ 3.0 environment. Information about the HYPER SESSION server software can be found in the *HYPER SESSION Administrator's Guide.*

HYPER SESSION Administrator's Guide: PRIME EXL 7000 Series Systems *

MAN13099-1PA   Version 1.1

For System Administrators of a PRIME EXL 7000 Series system running HYPER SESSION.

This guide provides information on installing and configuring the HYPER SESSION server on a PRIME EXL 7000 Series system. It describes the server subsystem, the client subsystem, and client/server interaction, and outlines steps to be taken before and during installation. Additional information is provided on testing the database connection and on setting up PC clients. A hyper.install.log file is included, as well as information on server and client messages and an installation troubleshooting checklist.

HYPER SESSION PC Client Pre-installation Networking Guide *

DOC13097-1PA   Version 1.0
DOC13097-2PA   Version 1.1

For people installing Ethernet® networking hardware and software on the PC prior to using HYPER SESSION on a TCP/IP local area network.

This guide provides a description of the HYPER SESSION PC client software distribution diskettes, an overview of hardware requirements for installation, instructions for installing and configuring the supporting network software, suggestions for testing the network software, and an overview checklist of the requirements for installing and running the HYPER SESSION server and client software that may be useful to System Administrators.

HYPER SESSION User's Reference *

MAN13095-1PA   Version 1.0
MAN13095-2PA   Version 1.1

For HYPER SESSION users.

This book provides the basic information needed in order to use HYPER SESSION. An introductory section explains the components of the three main windows and provides instructions for a quick start, using some key features of the product. The bulk of the book is an alphabetical reference to tasks, including entries for terms and commands. An appendix lists and explains informational and error messages.

HYPER SESSION Desktop Application Reference *

MAN13096-1PA   Versions 1.0 and 1.1

For HYPER SESSION users.

This reference is a companion booklet to the *HYPER SESSION User's Reference.* It provides instructions and specific examples for copying HYPER SESSION query results to other PC applications: Lotus® Ami Professional®, Lotus 1-2-3®, Microsoft® Excel, and Microsoft® Word for Windows™.

SIMPLE

Prime INFORMATION SIMPLE Reference Guide

MAN10260-2LA   Prime INFORMATION Release 8.0, SIMPLE Release 8.1

Prime INFORMATION PLUS SIMPLE Reference Guide

UPM10260-21A   Prime INFORMATION PLUS Release 1.0, SIMPLE Release 8.1.2

For users of Prime INFORMATION SIMPLE.

This guide explains how to use SIMPLE, the menu-driven interface for defining and updating Prime INFORMATION files. Procedures for creating data files and dictionary fields are covered. The manual describes tools for designing needed data entry and inquiry screens, as well as facilities for customizing reports.

The update package includes instructions for installing SIMPLE on a PRIME EXL computer.

PERFORM

Prime INFORMATION PLUS PERFORM Reference Guide

DOC10333-1LA   Release 1.0
DOC10333-2LA   Release 3.0*

For users who are familiar with Prime INFORMATION PLUS and need detailed reference material on specific topics.

This guide documents PERFORM, the command interpreter of Prime INFORMATION. Topics covered include: file structure and maintenance, the VOC file, paragraphs, the PERFORM command stack, select lists, and menus. The commands reference section fully describes each PERFORM command.

INFORM

Prime INFORMATION PLUS INFORM Reference Guide

DOC10334-1LA   Release 1.0
UPD10334-11A   Release 3.0*

For Prime INFORMATION PLUS users familiar with Prime INFORMATION PLUS.

This guide describes all aspects of INFORM, the Prime INFORMATION English-like data entry and inquiry language. It gives complete instructions on using MODIFY, the data entry and update utility, and complete details on retrieving data from Prime INFORMATION PLUS files.

INFO/BASIC

Prime INFORMATION PLUS INFO/BASIC Reference Guide

DOC10336-1LA   Release 1.0
UPD10336-11A   Release 2.0
DOC10336-2LA   Release 3.0 *

For Prime INFORMATION PLUS users who are familiar with the material in the Prime INFORMATION PLUS PERFORM Reference Guide and who have some general programming knowledge. Knowledge of other forms of the BASIC language is particularly helpful.

This book is a comprehensive guide to INFO/BASIC. It covers all aspects of the language and contains detailed descriptions of all statements and functions, grouped by function. While primarily intended as a reference guide, it does contain programming examples and useful commentary. This book also documents the use of the INFO/BASIC Debugger, which can be used interactively to debug INFO/BASIC applications at source level. It is intended for use as a programmer's reference source for the syntax, use, and function of all Debugger commands.

Editors

Prime INFORMATION PLUS Editors Reference Guide

DOC10338-1LA   Release 1.0

For all users of Prime INFORMATION PLUS who have some familiarity with the terms and concepts of that system.

This guide combines tutorial and reference material on the Prime INFORMATION PLUS line, full-screen, and command editors. It shows how to use the editors for creating INFO/BASIC programs, for editing all types of Prime INFORMATION PLUS files, and for editing commands.

Master Index

Prime INFORMATION PLUS Master Index

DOC20001-1LA   Release 1.0
DOC20001-2LA   Release 3.0 *

For all users of Prime INFORMATION PLUS.

This manual is the master index for the Prime INFORMATION PLUS document set, which consists of the *Prime INFORMATION PLUS PERFORM Reference Guide, Prime INFORMATION PLUS INFORM Reference Guide, Prime INFORMATION PLUS INFORM/SMA Reference Guide, Prime INFORMATION PLUS INFO/BASIC Reference Guide, Prime INFORMATION PLUS Administrator's Guide, Prime INFORMATION PLUS Editors Reference Guide, Prime INFORMATION PLUS PROC Reference Guide, An Introduction to Prime INFORMATION PLUS, Prime INFORMATION PLUS Account Conversion Guide, Prime INFORMATION PLUS Interface Guide,* and *Prime INFORMATION PLUS Multinational Guide.*

SMA Compatibility

Prime INFORMATION PLUS INFORM/SMA Reference Guide

DOC10335-1LA   Release 1.0
UPD10335–11A   Release 3.0 *

For users who are familiar with Prime INFORMATION PLUS, or with the standard for data retrieval languages set by PICK Spectrum, formerly the Spectrum Manufacturers' Association (SMA).

This is a reference guide to INFORM/SMA, the Prime INFORMATION data entry and inquiry language that is compatible with the standards of the Spectrum Manufacturers' Association (SMA).

Prime INFORMATION PLUS PROC Reference Guide

DOC10339-1LA   Release 1.0

For users who are familiar with using PROCs on PICK Spectrum (SMA) systems.

This guide describes all topics related to Prime INFORMATION PLUS PROC, which is the PICK (SMA) compatible, stored procedure language of Prime INFORMATION PLUS.

SQL Implementation

Prime INFORMATION SQL

DOC20039-1LA   Prime INFORMATION PLUS Release 1.0, Prime INFORMATION SQL Release 1.0

For end users familiar with SQL, who do not know the Prime INFORMATION query language INFORM, and for application developers who wish to use SQL-type statements within a Prime INFORMATION environment.

This book documents the Prime implementation of SQL (Structured Query Language) within the Prime database management system, Prime INFORMATION (on 50 Series machines) and Prime INFORMATION PLUS (on PRIME EXL machines). Topics covered include the relationship between SQL and Prime INFORMATION, differences from the ANSI standard, using SQL interactively or with the statement editor, control statements, ANSI mode statements and Prime extensions to these statements, the application programmers interface, and general administrative functions including installation and removal of Prime INFORMATION SQL.

Multinational Guide

Prime INFORMATION PLUS Multinational Guide

DOC13007-1LA   Release 2.0
DOC13007-2LA   Release 3.0 *

For end users of Prime INFORMATION PLUS Multinational (PIM); for programmers who are creating programs that can be run under PIM; for Administrators who are installing PIM and setting defaults; and for users who want to add terminal and printer types, and to modify or create new convention languages.

This guide provides a basic introduction to Prime INFORMATION PLUS Multinational (PIM). It explains the concepts behind localization libraries and PIM; how to define and use the PIM environment; and how a programmer can use PIM features to create programs that run unchanged in countries supported by PIM. The book also contains information for the Administrator on setting up PIM defaults and explains how PIM can be extended to accommodate new terminal and printer types and how to change or add to the available languages.

PI/open

This section describes documentation for the PI/open™ database management system, under the following headings:

- Overview
- Administration, Operation, and Configuration
- Networking
- HYPER SESSION™
- SIMPLE™
- PERFORM™
- INFORM™
- INFO/BASIC™
- Editors
- Master Index
- SMA Compatibility
- Multinational Guide

Overview

An Introduction to PI/open*

DOC10340-3LA   Release 3.1

For new users of PI/open, and for those users who have previously run Prime INFORMATION™ on a different operating system.

This book provides a general overview of PI/open and the way it runs on its operating system. General principles and guidelines are discussed, and the reader is referred to other documents for detailed descriptions of the product and its constituent parts.

Administration, Operation, and Configuration

PI/open Administrator's Guide*

DOC10337-3LA   Release 3.1

For PI/open Administrators familiar with the equipment and the operating system being used.

This guide covers installation and removal, the bootstrap processor, catalog space, locks, the ISYS account, administering accounts, the General Terminal Interface (GTI), and device administration. Appendices cover administrator commands, the HELP system, and access permissions.

PI/open Installation and Configuration Guide for PRIME EXL Series Systems *

DOC13166-1LA   Release 3.1

For PI/open Administrators. The user should be familiar with RISClos™ and the PRIME EXL™ operating system, and have some knowledge of PI/open (or its predecessors, Prime INFORMATION and Prime INFORMATION PLUS™).

This guide tells you how to install and configure PI/open on PRIME EXL Series computers. Subjects covered include installation, reinstallation, and removal of PI/open; installing localized libraries; configuring the operating system, PI/open, and the user environment; starting and stopping PI/open; and access rights of files.

PI/open Installation and Configuration Guide for HP9000 Series 800 *

DOC13167-1LA   Rev. 3.1

For PI/open Administrators. The user should be familiar with the HP-UX operating system, and have some knowledge of PI/open (or its predecessors, Prime INFORMATION and Prime INFORMATION PLUS).

This guide tells you how to install and configure PI/open on HP9000 Series 800 systems. Subjects covered include installation, reinstallation, and removal of PI/open; installing localized libraries; configuring the operating system, PI/open, and the user environment; starting and stopping PI/open; and access rights of files.

PI/open Account Conversion Guide *

DOC10343-2LA   Release 3.1

For PI/open Administrators and experienced PI/open users.

This guide describes how to transfer accounts and applications from and to PI/open. This includes the transfer of accounts from uniVerse™ or other PICK® Spectrum systems, and the transfer of accounts from Prime INFORMATION (50 Series™ systems).

PI/open Interface Guide *

DOC13075-2LA   Release 3.1

For programmers and application developers of PI/open.

This guide documents two Prime INFORMATION interfaces that allow a developer to produce applications which can exchange information between PI/open and external routines. The two interfaces are the Information Calling Interface (ICI) and the General Calling Interface (GCI).

The manual introduces the ICI, describes initialization of, and exit from the ICI, procedures used for file and record I/O, and procedures for select list operation, string processing and miscellaneous functions.

Also covered is a description of the GCI, with explanations on its use in conjunction with C or FORTRAN; some sample routines are given.

Networking

Pi/open X.25 Remote File Access *

DOC13162-1LA   Rev. 1.1

For Administrators and users.

This manual documents remote file access over X.25 networks, to and from PI/open systems. Topics covered include installation, reinstallation, and removal; accessing remote files from PI/open systems; and accessing files on PI/open systems from Prime INFORMATION running on 50 Series systems.

HYPER SESSION

Getting Started With HYPER SESSION: PC Installation and Setup *

MAN13094-1PA   Versions 1.0 and 1.1

For people installing HYPER SESSION client software on a PC.

This guide describes what is needed in order to get started using HYPER SESSION on a PC. It lists PC system requirements, local area network requirements, and steps that must be taken before installing the software. The book presents detailed guidelines for installing HYPER SESSION client software and setting up a Windows™ 3.0 environment. Information about the HYPER SESSION server software can be found in the *HYPER SESSION Administrator's Guide.*

HYPER SESSION Administrator's Guide: PRIME EXL 7000 Series Systems *

MAN13099-1PA   Version 1.1

For System Administrators of a PRIME EXL 7000 Series system running HYPER SESSION.

This guide provides information on installing and configuring the HYPER SESSION server on a PRIME EXL 7000 Series system. It describes the server subsystem, the client subsystem, and client/server interaction, and outlines steps to be taken before and during installation. Additional information is provided on testing the database connection and on setting up PC clients. A hyper.install.log file is included, as well as information on server and client messages and an installation troubleshooting checklist.

HYPER SESSION PC Client Pre-installation Networking Guide *

DOC13097-1PA   Version 1.0
DOC13097-2PA   Version 1.1

For people installing Ethernet® networking hardware and software on the PC prior to using HYPER SESSION on a TCP/IP local area network.

This guide provides a description of the HYPER SESSION PC client software distribution diskettes, an overview of hardware requirements for installation, instructions for installing and configuring the supporting network software, suggestions for testing the network software, and an overview checklist of the requirements for installing and running the HYPER SESSION server and client software that may be useful to System Administrators.

HYPER SESSION User's Reference *

MAN13095-1PA   Version 1.0
MAN13095-2PA   Version 1.1

For HYPER SESSION users.

This book provides the basic information needed in order to use HYPER SESSION. An introductory section explains the components of the three main windows and provides instructions for a quick start, using some key features of the product. The bulk of the book is an alphabetical reference to tasks, including entries for terms and commands. An appendix lists and explains informational and error messages.

HYPER SESSION Desktop Application Reference *

MAN13096-1PA   Versions 1.0 and 1.1

For HYPER SESSION users.

This reference is a companion booklet to the *HYPER SESSION User's Reference*. It provides instructions and specific examples for copying HYPER SESSION query results to other PC applications: Lotus® Ami Professional®, Lotus 1-2-3®, Microsoft® Excel, and Microsoft® Word for Windows™.

SIMPLE

Prime INFORMATION SIMPLE Reference Guide

MAN10260-2LA   Prime INFORMATION Release 8.0, SIMPLE Release 8.1

Prime INFORMATION PLUS SIMPLE Reference Guide

UPM10260-21A   Prime INFORMATION PLUS Release 1.0, SIMPLE Release 8.1.2

For users of PI/open SIMPLE on PRIME EXL 7000 Series or HP9000 Series 800 systems.

This guide explains how to use SIMPLE, the menu-driven interface for defining and updating Prime INFORMATION files. Procedures for creating data files and dictionary fields are covered. The manual describes tools for designing needed data entry and inquiry screens, as well as facilities for customizing reports.

The update package includes instructions for installing SIMPLE on a PRIME EXL computer.

PERFORM

PI/open PERFORM Reference Guide*

DOC10333-3LA   Release 3.1

For users who are familiar with PI/open and need detailed reference material on specific topics.

This guide documents PERFORM, the command interpreter of PI/open. Topics covered include: file structure and maintenance, the VOC file, paragraphs, the PERFORM command stack, select lists, and menus. The commands reference section fully describes each PERFORM command.

INFORM

PI/open INFORM Reference Guide*

DOC10334-2LA   Release 3.1

For users who are familiar with PI/open.

This guide describes all aspects of INFORM, the PI/open English-like data entry and inquiry language. It gives complete instructions on the use of MODIFY, the data entry and update utility, and complete details on retrieving data from PI/open files.

INFO/BASIC

PI/open INFO/BASIC Reference Guide*

DOC10336-3LA   Release 3.1

For users who are familiar with the material in the PI/open PERFORM Reference Guide and who have some general programming knowledge. Knowledge of other forms of the BASIC language is particularly helpful.

This book is a comprehensive guide to INFO/BASIC. It covers all aspects of the language and contains detailed descriptions of all statements and functions, grouped by function. While primarily intended as a reference guide, it does contain programming examples and useful commentary. This book also documents the use of the INFO/BASIC Debugger, which can be used interactively to debug INFO/BASIC applications at source level. It is intended for use as a programmer's reference source for the syntax, use, and function of all Debugger commands.

Editors

PI/open Editors Reference Guide ∗

DOC10338-2LA   Release 3.1

For all users of PI/open who have some familiarity with the terms and concepts of that system.

This guide combines both tutorial and reference material on the PI/open line, full-screen, and command editors. It shows how to use the editors for creating INFO/BASIC programs, for editing all types of PI/open files, and for editing commands.

Master Index

PI/open Master Index ∗

DOC20001-3LA   Release 3.1

For all users of PI/open.

This manual is the master index for the PI/open document set, which consists of the *PI/open PERFORM Reference Guide, PI/open INFORM Reference Guide, PI/open INFORM/SMA Reference Guide, PI/open INFO/BASIC Reference Guide, PI/open Administrator's Guide, PI/open Editors Reference Guide, PI/open PROC Reference Guide, An Introduction to PI/open, PI/open Account Conversion Guide, PI/open Multinational Guide,* and *PI/open Interface Guide.*

SMA Compatibility

PI/open INFORM/SMA Reference Guide ∗

DOC10335-2LA   Release 3.1

For users who are familiar with PI/open, or with the standard for data retrieval languages set by PICK Spectrum, formerly the Spectrum Manufacturers' Association (SMA).

This is a reference guide to INFORM/SMA, the PI/open data entry and inquiry language that is compatible with the standards of the Spectrum Manufacturers' Association (SMA).

PI/open PROC Reference Guide ∗

DOC10339-2LA   Release 3.1

For users who are familiar with using PROCs on PICK Spectrum (SMA) systems.

This guide describes all topics related to PI/open PROC, which is the PICK (SMA) compatible, stored procedure language of PI/open.

Multinational Guide

PI/open Multinational Guide *

DOC13007-3LA   Release 3.1

*For end users of PI/open Multinational
(PIM); for programmers who are creating
programs that can be run under PIM; for
Administrators who are installing PIM
and setting defaults; and for users who
want to add terminal and printer types,
and to modify or create new convention
languages.*

This guide provides a basic introduction to
PI/open Multinational (PIM). It explains
the concepts behind localization libraries
and PIM; how to define and use the PIM
environment; and how a programmer can
use PIM features to create programs that
run unchanged in countries supported by
PIM. The book also contains information
for the Administrator on setting up PIM
defaults and explains how PIM can be
extended to accommodate new terminal
and printer types and how to change or
add to the available languages.

PC Networking

PC Networking

This section describes publications for users of networking software for the PC, including the following topics:

- PRIMELINK™
- PRIME EXL™ Portable NetWare®
- SMTP/MHS Gateway
- CONNECTION™ NetWare
- UPoint™

PRIMELINK

Note: PRIMELINK documents cannot be ordered separately. They are available only with the software.

PRIMELINK User's Guide

DOC10053-3LA	Revision 3.0, May 1987
IDC10053-3LB	Revision 3.0 (French)
IDC10053-3LC	Revision 3.0 (German)
UPD10053-31A	Revision 3.0, December 1987

PRIMELINK on the PC

DOC10053-4LA	Revision 4.0, October 1989
IDC10053-4LB	Revision 4.0, June 1990 (French)
IDC10053-4LC	Revision 4.0, June 1990 (German)
DOC10053-5LA	Revision 4.1, September 1991 *

For all users of PRIMELINK.

This book introduces the PRIMELINK communications program. PRIMELINK allows IBM® PC-compatible users to access a 50 Series™ host and transfer files between the PC and the host. The book describes the operation of the menu-driven interface, how to access the PRIMELINK virtual disk facility, and how to use the PT200™ terminal emulator.

PRIMELINK 3.0 provides features and options designed to make your interaction with PRIMOS® more efficient when you use your personal computer as a link to the host system. This revision includes the following: terminal emulator with full SNA support and color terminal emulation; keymapping; programmable function keys; an optional graphics terminal emulator; virtual print capability; and the optional PRIMELINK Data Access Software (PLDAS) facility, which allows you to transfer host-stored data directly into your Lotus® 1-2-3® software.

Revision 4.0 provides Ethernet® support, enhanced command language, multiple window and multiple host capability, a new PT250™ terminal emulator, and virtual printer support for PostScript® and graphics outputs.

Revision 4.1 provides Ethernet NDIS drivers that support many non-Prime controllers and allows PRIMELINK to run as a DOS application under Microsoft Windows™ 3.0.

The PRIMELINK Data Access Software, graphics terminal emulator, and Ethernet options are documented in separate books.

PRIMELINK User's Guide (Macintosh Version)

DOC11004-2LA   Revision 3.1,
                November 1987

PRIMELINK on the Macintosh

DOC11004-3XA   Revision 4.0, October
                1989

*For users of PRIMELINK on Macintosh®
computers.*

This book describes the operation of the PRIMELINK communications program for the Macintosh family of products. The PRIMELINK commands, grouped in Macintosh-style menus, provide a simple interface between the Macintosh and the Prime host and offer these features to the Macintosh user: file transfer to and from the Prime host; printing Macintosh and host text files on Macintosh and host printers; emulation of PT200, PT250, SNA, and non-Prime terminals; direct or remote dial-in to the Prime host; macros, or SoftKeys, of terminal functions for PRIMOS, EMACS, UNIX®, and other utilities; usage of default and user-defined KeySets (collections of key mappings); ability to automate command sequences through the use of Script files; data logging facility; international character set emulation capability; and virtual disk utility. Two options, available on separately orderable diskettes, provide PT200 graphics and TEKTRONIX 4014™ graphics emulation capability and the ability to connect to Ethernet networks using the TCP/IP protocol.

PRIMELINK PC PT200 Graphics Option Guide

DOC12115-1LA   Revision 4.0,
                November 1989
IDC12115-1LB   Revision 4.0, February
                1990 (French)
IDC12115-1LC   Revision 4.0, February
                1990 (German)

*For PRIMELINK PC users running
graphics applications.*

This guide provides information about installing and using the PT200 graphics emulator, which provides the same features as the PT200 Graphics Option Plus. The graphics emulator makes your PC function as a PT200 terminal emulating the TEKTRONIX 4014, a widely used monochrome graphics terminal.

PRIMELINK PC Ethernet Option Guide

DOC12114-1LA   Revision 4.0,
                November 1989
IDC12114-1LB   Revision 4.0, February
                1990 (French)
IDC12114-1LC   Revision 4.0, February
                1990 (German)
DOC12114-2LA   Revision 4.1,
                September 1991 *

*For users of PRIMELINK PC in an
Ethernet environment.*

This guide describes how to install Ethernet software used with PRIMELINK for IBM and IBM-compatible PCs and how to link your PC to a 50 Series host via Ethernet.

PRIMELINK PC Data Access Software Option Guide

DOC12113-1LA   Revision 4.0,
                November 1989

*For users of PRIMELINK PC transferring
host-stored data directly into Lotus 1-2-3.*

This guide introduces the PRIMELINK Data Access Software (PLDAS) facility used with the PRIMELINK product for IBM and IBM-compatible PCs. An appendix provides instructions for installing the host portion of PLDAS on a 50 Series host.

PRIME EXL Portable NetWare

PRIME EXL Portable NetWare User's Guides, v3.01, for PRIME EXL 7000 Series

DCP10198   RISC/os 4.52 or later

For all Portable NetWare network users.

This binder contains three manuals. The *Portable NetWare Utilities Reference* describes Portable NetWare workstation utilities for network supervisors, host-system managers, and network users. It is designed to help network users of all levels, but it is geared primarily toward network supervisors and host-system managers. The *Portable NetWare Utilities Supplement* is primarily for the Portable NetWare Administrator. It contains PRIME EXL Portable NetWare utilities supplied with the PRIME EXL systems. *Portable NetWare Concepts* is an extended glossary of Portable NetWare software terms, arranged alphabetically.

Portable NetWare User Basics Guide, v3.01

DCP10297   December 1990

For all Portable NetWare network users.

DCP10297 contains one manual in a binder. This DCP contains documentation applicable to all PRIME EXL platforms that run PRIME EXL Portable NetWare. *Portable NetWare User Basics* explains basic networking concepts and gives an overview of how a Portable NetWare network operates.

PRIME EXL Portable NetWare Supervisor's Guides I, v3.01, for PRIME EXL 7000 Series

DCP10199   RISC/os 4.52 or later

For System Administrators.

This binder contains three manuals. The *Portable NetWare Overview* is intended for the PRIME EXL Portable NetWare System Administrator. It provides a brief overview of PRIME EXL Portable NetWare v3.01 software and describes the interaction between PRIME EXL Portable NetWare software and the PRIME EXL host-system environment. *Portable NetWare System Administration* describes the SCONSOLE and maintenance utilities of PRIME EXL Portable NetWare v3.01 software on the PRIME EXL system. It explains how to administer and monitor the PRIME EXL Portable NetWare file server and set up and use host print queues on the Portable NetWare file server. *Portable NetWare System Messages* is a reference to system messages generated by NetWare 386 utilities and NetWare 386 v3.1 operating system and shell software. It is intended for experienced NetWare users as a reference for understanding error conditions and the actions needed to correct them.

PRIME EXL Portable NetWare Supervisor's Guides II, v3.01, for PRIME EXL 7000 Series

DCP10200   RISC/os 4.52 or later

For System Administrators.

This DCP contains five manuals in one binder, and Portable NetWare worksheets. *Portable NetWare Installation* contains information you need to install Portable NetWare v3.01 software in your host computer, connect personal computers to the network, establish network directories, and set up user accounts. The *Portable NetWare Installation Supplement for PRIME EXL* describes how to install PRIME EXL Portable NetWare v3.01 software on a PRIME EXL system. The *NetWare External Bridges Supplement* serves as both a planning guide and an installation reference for planning and installing a NetWare bridge. The *NetWare Installation Supplement for Novell Ethernet* explains how to install Novell Ethernet networking hardware on a NetWare network. The *NetWare Installation Supplement for 3Com EtherLink and EtherLink Plus* explains how to plan and install your 3Com™ Ethernet network. It introduces the networking hardware and the procedures for installing the hardware. The *Portable NetWare Worksheets* are designed to be used with the Portable NetWare installation documentation.

NetWare for OS/2 Guide and NetWare for Macintosh Guides, v3.01

DCP10300   December 1990

For System Administrators and users.

This binder contains three manuals. This DCP contains documentation applicable to all PRIME EXL platforms that run PRIME EXL Portable NetWare. *NetWare Requester for OS/2* explains how to use the NetWare Requester for OS/2™ with workstations running OS/2. It tells how to install the NetWare Requester and NetWare utilities, and reconfigure the NetWare Requester and the NetWare Spooler. Information on the NetWare utilities is also included. *NetWare for Macintosh: Installation and Maintenance* contains the information you need to install and maintain Portable NetWare v3.01 on your Macintosh workstation. *NetWare for Macintosh: Basic Operations* covers the basic user operations you can perform with Portable NetWare using your Macintosh workstation.

Portable NetWare Novell Supplements, v3.01

DCP10301   December 1990

For System Administrators.

This binder contains three manuals, which are supplements to one or several NetWare manuals. This DCP contains documentation applicable to all PRIME EXL platforms that run PRIME EXL Portable NetWare. Each manual explains how to plan, prepare, and install a specific networking hardware product on a NetWare network. The manuals included in this set are: *NetWare Installation Supplement for IBM Token-Ring Network, NetWare Installation Supplement for IBM PC Network,* and *NetWare Installation Supplement for Standard Microsystems ARCNET.*

TCP/IP, v1.0, Gateway for PRIME EXL Portable NetWare Guides, v3.01, for PRIME EXL 7000 Series

DCP10202   RISC/os 4.52 or later

For System Administrators.

This binder contains two manuals. *TCP/IP Gateway Installation and Administration for Portable NetWare* describes how to install the TCP/IP Gateway software on a PRIME EXL system. The *TCP/IP Gateway User's Guide for Portable NetWare* describes the operation of the TCP/IP Gateway software for PRIME EXL Portable NetWare. It includes information about how data moves from your personal computer over a local area network, through the TCP/IP Gateway server, to a TCP/IP remote host system, or vice versa.

SMTP/MHS Gateway

SMTP/MHS Gateway Program Administrator's Guide

DOC13060-1LA   Revision 1.0

For SMTP/MHS Gateway Administrators.

The SMTP/MHS Gateway enables users of mail applications based on SMTP (Simple Mail Transfer Protocol) and MHS (Message Handling Service) to communicate with each other. This guide provides an overview of the SMTP/MHS Gateway, with examples of how sites can use gateways to expand their communications systems worldwide. It also provides specific information for planning, installing, configuring, and administering the gateway.

CONNECTION NetWare

CONNECTION NetWare for SPARC User's Guides, v3.01*

DCP10223   SunOS Version 4.1.1 and later

For all CONNECTION NetWare network users.

This binder contains three manuals. The *Portable NetWare Utilities Reference* describes Portable NetWare workstation utilities for network supervisors, host-system managers, and network users. It is designed to help network users of all levels, but it is geared primarily toward network supervisors and host-system managers. The *CONNECTION NetWare for SPARC Utilities Supplement* is primarily for the CONNECTION NetWare Administrator. It contains NetWare utilities supplied with SPARC® systems. *Portable NetWare Concepts* is an extended glossary of Portable NetWare software terms, arranged alphabetically.

Portable NetWare User Basics Guide, v3.01

DCP10297   December 1990

For all Portable NetWare network users.

· DCP10297 contains one manual in a binder. This DCP contains documentation applicable to all platforms that run Portable NetWare. *Portable NetWare User Basics* explains basic networking concepts and gives an overview of how a Portable NetWare network operates.

CONNECTION NetWare for SPARC Supervisor's Guides I, v3.01 *

DCP10224   SunOS Version 4.1.1
                and later

For System Administrators.

This binder contains three manuals. The *CONNECTION NetWare for SPARC Overview* is intended for the CONNECTION NetWare System Administrator. It provides a brief overview of CONNECTION NetWare v3.01 software and describes the interaction between CONNECTION NetWare software and the host-system environment. *CONNECTION NetWare for SPARC System Administration* describes the SCONSOLE and maintenance utilities of CONNECTION NetWare v3.01 software on the SPARC system. It explains how to administer and monitor the NetWare file server and set up and use host print queues on the NetWare file server. *Portable NetWare System Messages* is a reference to system messages generated by NetWare 386 utilities and NetWare 386 v3.1 operating system and shell software. It is intended for experienced NetWare users as a reference for understanding error conditions and the actions needed to correct them.

CONNECTION NetWare for SPARC Supervisor's Guides II, v3.01 *

DCP10225   SunOS Version 4.1.1
                and later

For System Administrators.

This DCP contains five manuals in one binder, and Portable NetWare worksheets. *Portable NetWare Installation* contains information you need to install Portable NetWare v3.01 software in your host computer, connect personal computers to the network, establish network directories, and set up user accounts. The *CONNECTION NetWare for SPARC Installation Supplement* describes how to install CONNECTION NetWare v3.01 software on a SPARC system. The *NetWare External Bridges Supplement* serves as both a planning guide and an installation reference for planning and installing a NetWare bridge. The *NetWare Installation Supplement for Novell Ethernet* explains how to install Novell Ethernet networking hardware on a NetWare network. The *NetWare Installation Supplement for 3Com EtherLink and EtherLink Plus* explains how to plan and install your 3Com Ethernet network. It introduces the networking hardware and the procedures for installing the hardware. The *Portable NetWare Worksheets* are designed to be used with the NetWare installation documentation.

NetWare for OS/2 Guide and NetWare for Macintosh Guides, v3.01

DCP10300   December 1990

For System Administrators and users.

This binder contains three manuals. This DCP contains documentation applicable to all platforms that run NetWare. *NetWare Requester for OS/2* explains how to use the NetWare Requester for OS/2 with workstations running OS/2. It tells how to install the NetWare Requester and NetWare utilities, and reconfigure the NetWare Requester and the NetWare Spooler. Information on the NetWare utilities is also included. *NetWare for Macintosh: Installation and Maintenance* contains the information you need to install and maintain Portable NetWare v3.01 on your Macintosh workstation. *NetWare for Macintosh: Basic Operations* covers the basic user operations you can perform with NetWare using your Macintosh workstation.

Portable NetWare Novell Supplements, v3.01

DCP10301   December 1990

For System Administrators.

This binder contains three manuals, which are supplements to one or several NetWare manuals. This DCP contains applicable documentation for all platforms that run NetWare. Each manual explains how to plan, prepare, and install a specific networking hardware product on a NetWare network. The manuals included in this set are: *NetWare Installation Supplement for IBM Token-Ring Network, NetWare Installation Supplement for IBM PC Network,* and *NetWare Installation Supplement for Standard Microsystems ARCNET.*

UPoint

UPoint User's Guide *

DOC13142–1XA   Rev. 0

For all UPoint users.

This guide provides the information
necessary to set up and run the UPoint
software. This includes a description of all
UPoint functions and a summary of all
information and error messages.

UPoint Installation and
Administration Card for SPARC *

IDR13178-1XA   Rev. 0

*For System Administrators and UPoint
users.*

This card provides information on
installing and administering the UPoint
software on a SPARC System. The card
presents detailed instructions for installing
the UPoint software on the PC client and
the SPARC System server.

PRIMOS and 50 Series

Architecture
(50 Series)

This section describes publications on the following topics:

- System Architecture
- Technical Summary
- Assembly Language (PMA)

As of Rev. 22.1, architecture books are available as part of two documentation sets, for ease of ordering. Use order number DCP10110 for Rev. 23.0 or Rev. 22.1 to order the System Architecture Documentation Package, including the *System Architecture Reference Guide*, the *Instruction Sets Guide*, and the *Assembly Language Programmer's Guide*. Use order number DCP10172 for Rev. 23.0 or DCP10114 for Rev. 22.1 to order the System Programmer's Documentation Package, which includes the three books listed above as well as the four volumes of the *Advanced Programmer's Guide*.

System Architecture

System Architecture Reference Guide

DOC9473-2LA   Rev. 21.0

For technical evaluators, System Administrators, system programmers, and system planners.

This guide describes the internal functioning of all 50 Series™ computers. It discusses process exchange, memory management, procedure calling, protection rings, datatypes, hardware, integrity mechanisms, interrupts, traps, checks, faults, and input/output. For detailed descriptions of instruction sets, see the *Instruction Sets Guide*.

Instruction Sets Guide

DOC9474-2LA   Rev. 21.0

For technical evaluators, System Administrators, system programmers, and system planners.

This guide provides a complete listing of the instruction sets for all 50 Series computers. It discusses instruction formats, addressing modes, and address formation, and includes a datatype summary with the applicable instructions. A summary of the instruction sets is also provided.

Technical Summary

50 Series Technical Summary

DOC6904-2LA   Rev. 21.0

For anyone who needs a high-level overview of the Prime® product set – both hardware and software.

This book discusses these topics: CPUs, process management, memory management, I/O management, file management, procedure management, the user environment, the command environment, system integrity, and network facilities. It also includes an overview of Prime software and hardware products, including CAD/CAM software products.

Assembly Language
(PMA)

Assembly Language Programmer's Guide

DOC3059-3LA   Release T2.0-22.1

For system programmers and compiler designers who work in Prime Macro Assembler (PMA).

This guide contains information needed to write programs in the PMA language. It covers usage of PMA, machine formats, and instructions, including instructions for quadruple floating operations. Descriptions of IX mode and the C language pointer instructions are also included. There are reference sections for debugging, including I-mode debugging using IPSD. The Release T2.0-22.1 edition describes several PMA features: search rules support for the INSERT directive; support of short ECBs and the ECB stack-root operand; support of the SYNC hardware instruction; and support of the MIP pseudo-operation. Note: Users will probably find it desirable to read section 14 first.

Communications (50 Series)

This section describes documentation for the following products:

- PRIMENET™
- Systems Network Architecture (SNA)
- Remote Job Entry Phase II
- Electronic Mail
- LTS LAN Terminal Server
- LAN300
- Network Terminal Service (NTS)
- Distributed Processing Terminal Executive (DPTX)
- ICS Controllers

PRIMENET

Rev. 23.0 Prime Networks Release Notes

RLN10252-1LA   Rev. 23.0

For operators and Administrators of Prime® computers that are on a network.

This release notes package updates the information in books related to PRIMENET, primarily describing file system name spaces. Topics covered include the use of file system object pathnames and the mounting of partitions in the file system hierarchy; considerations to use in planning a file system name space for a collection of networked systems; and network considerations, including aspects of remote file access (RFA) and forced user validation (FUV). Example networks are provided. Also covered are configuration of the network, DSM, and DSM unsolicited message handling (UMH) in order to create a common file system name space; operation of the Name Server, including monitoring the common file system name space; network event messages that are produced by PRIMENET and logged by the Distributed Systems Management (DSM) facility; and PRIMENET information related to the START_NM, STOP_NM, and START_NET commands, gateway configuration guidelines, ACL group restriction for RFA, and XLCONN and XLASGN subroutines. An appendix describes Name Server messages reported by DSM.

User's Guide to Prime Network Services

DOC10115-1LA   Rev. 21.0
UPD10115-11A   Rev. 22.1

For network users who are familiar with PRIMOS® commands.

This guide provides tutorial and reference information on remote file access, remote login, File Transfer Service (FTS), and NETLINK. It includes an overview of PRIMENET architecture and describes the types of networks over which users can communicate. The glossary describes Prime networking terms.

Operator's Guide to Prime Networks

DOC10114-1LA   Rev. 21.0
UPD10114-11A   Rev. 22.0

For operators who are familiar with PRIMOS commands.

This guide provides reference information on running network-related programs and monitoring network activity. The book contains information on the following topics: downline-loading and upline-dumping communications devices, starting and stopping networks, network servers, how to use MONITOR_NET, and how to monitor FTS. Appendices contain FTS, MONITOR_NET, STOP_NET, and START_NET error messages. The glossary describes Prime networking terms.

Programmer's Guide to Prime Networks

DOC10113-1LA   Rev. 21.0
UPD10113-11A   Rev. 22.0

For programmers who want to write an application on a Prime network. Programmers are expected to know the Prime FORTRAN IV (FTN) or PL/I Subset G.

This guide provides tutorial and reference information about the Interprocess Communications Facility (IPCF) subroutines and the programming interface to the File Transfer Service (FTS). The book also provides information on PRIMENET architecture, ports and virtual circuits, and describes IPCF programming principles. Each IPCF subroutine is described in detail. The book also explains how to incorporate the FT$SUB subroutine into a file transfer application that uses FTS. FTS programming examples are included. PRIMENET support for the CCITT X.25 standards of 1980 and 1984 is described. The glossary describes Prime networking terms.

Remote File Transfer Guide

DOC10291-1LA   Release 1.0

For users of the Remote File Transfer (RFT) facility, and for system operators and System Administrators on systems that run RFT. All readers should know basic PRIMOS commands. In some cases, System Administrators also need to know about their PRIMENET networks (for example, security requirements, system addresses, and network topology).

This guide provides tutorial and reference information about RFT, a facility that allows you to transfer files between 50 Series™ systems across a local or wide area PRIMENET network. Part I, User's Guide to RFT, describes how to transfer files between systems using the RFT_SEND command, and how to monitor the status of a transfer using the RFT_STATSEND and RFT_STATRCV commands. Part II, System Administrator's Guide to RFT, tells System Administrators how to install, configure, and maintain RFT. Included are instructions for using the RFT_PROFILE command to assign privileges to local and remote users. Part III, System Operator's Guide to RFT, explains how to start, stop, and monitor the RFT servers using the RFT_OP command.

PRIMENET Planning and Configuration Guide

DOC7532-4LA   Rev. 22.0
UPD7532-41A   Rev. 22.1

For those responsible for planning, installing, and configuring a PRIMENET network and File Transfer Service (FTS).

This guide provides complete guidelines on planning, installing, and configuring a PRIMENET network. It describes the physical transmission media on which PRIMENET runs to assist in planning the physical layout of the network. A discussion of network security and several examples assist in planning the software configuration. The book also explains how to install PRIMENET, FTS, and LAN300 Network Management Facility software. It documents the use of CONFIG_NET, the PRIMENET configuration program, to create and edit configuration files and presents more than a dozen sample configurations. The final chapter describes how to use FTGEN to configure File Transfer Service. A complete glossary of PRIMENET terminology is included.

PRIMENET Performance Tuned Extensions

DOC13011-1LA   Rev. 22.1.4

For PRIMENET Administrators.

This book describes a new protocol that provides increased data throughput across a RINGNET™ local area network. It provides installation directions, overview, and error messages for this add-on to PRIMENET. PRIMENET Performance Tuned Extensions uses a PNX connection, less encumbered by the overhead of checks and acknowledgments needed for an X.25 connection (using a wide area network).

Systems Network Architecture (SNA)

PRIME/SNA Application Program Interface Programmer's Guide

DOC10100-2LA   PRIME/SNA™
                Application Program
                Interface Release 1.1

For experienced programmers.

This guide provides instructions and guidelines for using the PRIME/SNA Application Program Interface (API). PRIME/SNA API provides a programmer with routines to develop applications on a Prime system that communicate with applications on a host in an SNA network.

PRIME/SNA Interactive Terminal User's Guide

DOC8910-2LA   PRIME/SNA
               Interactive Subsystem
               Release 1.2, PT200™
               Firmware Revision D,
               Master Disk Rev. 19.4
DOC8910-3LA   PRIME/SNA
               Interactive Subsystem
               Revision 2.0, PRIMOS
               Revision 22.1.4 *

For PT200 terminal operators using the SNADSC Terminal Emulation program.

This guide provides instructions and guidelines for operating the PT200 terminal as an emulated IBM® 3278 Display Station. The book includes tutorial and reference material on the following topics: screen display features, keyboard features, working with SNADSC, working with IBM applications, key functions, and error messages.

DOC8910-2LA describes new features of the PRIME/SNA Interactive subsystem at Release 1.2, including the –LANGUAGE option that enables users to run SNADSC in a specified language.

DOC8910-3LA provides instructions to create IBM 3270 terminal emulation files for asynchronous terminals. IBM 3270 emulation is available on Prime systems that have PRIME/SNA Server subsystem and PRIME/SNA Interactive subsystem software.

PT200 Keyboard PRIME/SNA Interactive Reference Card

IDR8910-2RA   PRIME/SNA
Interactive Subsystem
Release 1.2

For PT200 terminal operators using the SNADSC Terminal Emulation program.

IDR8910-2RA complements the *PRIME/SNA Interactive Terminal User's Guide*, allowing SNADSC users to quickly reference SNADSC functions and command line formats, and 3278 and PT200 keyboard mappings.

PRIME/SNA Operator's Guide

DOC8909-5LA   PRIME/SNA Server
Release 2.0,
PRIME/SNA
Interactive Subsystem
Release 1.4,
PRIME/SNA RJE
Subsystem Release
1.3, PRIME/SNA API
Subsystem Release
1.1.1, PRIME/SNA
LU 6.2 API Release
1.0, Master Disk Rev.
21.0

For computer room operators of Prime equipment.

This guide describes the startup and shutdown of PRIME/SNA lines, remote systems, and devices associated with the PRIME/SNA Server subsystem and Interactive subsystem. The book also includes introductory information on PRIME/SNA and SNA networks, procedures for checking the status of PRIME/SNA resources, and a comprehensive list of error messages. The PRIME/SNA RJE subsystem is described, including its relationship to the Server and Interactive subsystems, and a summary of RJE Phase II commands and functions applicable to PRIME/SNA RJE. The book describes the PRIME/SNA Applications Interface and its relationship to the other PRIME/SNA subsystems. Commands for operating the LU 6.2 API subsystem are included. DOC8909-5LA also includes an updated section on error messages.

PRIME/SNA Concepts and Overview

DOC11095-1LA   PRIME/SNA Server
Release 2.0,
PRIME/SNA
Interactive Subsystem
Release 1.4,
PRIME/SNA RJE
Release 1.3,
PRIME/SNA
Application Program
Interface Subsystem
Release 1.1.1,
PRIME/SNA LU 6.2
API Subsystem
Release 1.0, Master
Disk Rev. 21.0

For the PRIME/SNA network planner or Network Administrator, and for application programmers.

This book introduces PRIME/SNA products and explains the SNA terminology and concepts needed to work with PRIME/SNA products.

PRIME/SNA Resource Planning Guide

DOC11096-1LA   PRIME/SNA Server
Release 2.0,
PRIME/SNA
Interactive Subsystem
Release 1.4,
PRIME/SNA RJE
Release 1.3,
PRIME/SNA
Application Program
Interface Subsystem
Release 1.1.1,
PRIME/SNA LU 6.2
API Subsystem
Release 1.0, Master
Disk Rev. 21.0

UPD11096-11A   PRIME/SNA Server
Release 2.0,
PRIME/SNA
Interactive Subsystem
Release 1.4,
PRIME/SNA RJE
Subsystem Release
1.3, PRIME/SNA API
Subsystem Release
1.1.1, PRIME/SNA
LU 6.2 API Subsystem
Release 1.0, Master
Disk Rev. 21.0

For the PRIME/SNA network planner or Network Administrator, and for application programmers who need information on how the application program interfaces are configured.

This guide explains how to plan a PRIME/SNA configuration. It includes explanations of PRIME/SNA parameters and provides worksheets that help you coordinate configuration information with other network nodes. This book should be read before the *PRIME/SNA Installation and Configuration Guide*.

UPD11096-11A replaces Chapter 1 and includes examples and descriptions that aid a PRIME/SNA Administrator in planning and implementing two basic PRIME/SNA configurations. (Previous editions concentrated on complex configurations.)

PRIME/SNA Installation and Configuration Guide

DOC11097-1LA PRIME/SNA Server Release 2.0, PRIME/SNA Interactive Subsystem Release 1.4, PRIME/SNA RJE Release 1.3, PRIME/SNA Application Program Interface Subsystem Release 1.1.1, PRIME/SNA LU 6.2 API Subsystem Release 1.0, Master Disk Rev. 21.0

For the PRIME/SNA network planner or Network Administrator, and for application programmers who need information on the ACLs used by the Application Program Interface subsystem.

This guide describes PRIME/SNA installation procedures and provides instructions on how to use the menu-driven configuration programs for the Server, Interactive, and LU 6.2 API subsystems.

PRIME/SNA LU 6.2 API Programmer's Guide

DOC11101-1LA PRIME/SNA LU 6.2 API Subsystem Release 1.0, PRIME/SNA Server Release 2.0, Master Disk Rev. 21.0.

For PRIME/SNA LU 6.2 programmers.

This guide describes how to develop applications that use the PRIME/SNA LU 6.2 API subsystem to communicate with applications running on other SNA nodes.

PRIME/SNA Server and PRIME/SNA RJE Release Document

DOC13047-1PA PRIME/SNA Server Release 2.2, PRIME/SNA RJE Subsystem Release 2.0, Master Disk Rev. 22.1.4

For system operators and Administrators.

This release document updates the following guides: *PRIME/SNA Concepts and Overview, PRIME/SNA Installation and Configuration Guide, PRIME/SNA Administrator's Guide, PRIME/SNA Operator's Guide,* and *Remote Job Entry Phase II Guide.* It describes changes made to the PRIME/SNA Server that allow Prime sites to recover and start up without operator intervention after a break in communications with a remote site. Also included are descriptions of changes to RJE enhancing the ability of operators and Administrators to monitor subsystem events and file transmission.

Remote Job Entry Phase II

Remote Job Entry Phase II Guide

DOC6053-4LA	Rev. 21.0
UPD6053-41A	Rev. 21.0
UPD6053-42A	Rev. 22.0

For users of RJE emulators, system operators, and Administrators. The user should be acquainted with the operation of the RJE system being emulated, as well as with one of the Prime editors and with basic PRIMOS commands.

The RJE Phase II product replaces the earlier RJE product documented in the *Remote Job Entry Guide.*

This guide describes the function and operation of the Remote Job Entry Phase II product. It describes how the emulators work, the Remote Job Queue (RJQ) Command User Interface program, the RJOP (Remote Job Operator) Command Operator Interface program, and how to create a site definition file. This book also describes how the PRIME/SNA family of products supports emulation of the IBM 3770 Series RJE workstation. Other topics include: installation procedures, error and information messages, development of End-of-File Detection and Destination Detection routines, suggested access rights for RJE Phase II files, PRIMOS translation tables, site definition file examples, and background information on the operation of SNA networks.

UPD6053-41A describes the RJOP command, PDIR (Peripheral Data Information Record). PDIR is an SNA FMH2 function supported by PRIME/SNA RJE emulation.

UPD6053-42A describes the concurrent printing feature, which enables users to print PRIME/SNA RJE files arriving from a host system while the files are being written to disk on the local Prime system.

Electronic Mail

PDNmail Guide*

DOC10198-1XA   Release 2.1, Master
                Disk Rev. 19.4 or
                higher

*For users, programmers, operators, and
Administrators of PDN electronic mail.*

This guide describes how to install,
configure, and use PDNmail. PDNmail
provides SMTP-based electronic mail for
standalone or networked 50 Series
systems. Networked systems may be
conneced with PRIMENET and/or XElink
TCP/IP. The book includes documentation
on the MAIL command-oriented user
interface, the MAILER_DAEMON mail
server, the mailing list manager, and
various administrative and operational
utility programs.

For users, the book explains how to send
and read electronic mail, as well as how to
use all the advanced features. For
programmers, the book documents the
PDNmail Application Programming
Interface (API) which is accessible from
the C programming language. For
operators and Administrators, the book
explains installation, configuration, and
operation of the MAILER_DAEMON
mail server, the mailing list manager, and
the utility programs.

LTS LAN Terminal Server

LTS Network Administrator's Guide*

MAN13107-1LA   October 1991

*For people responsible for installation,
configuration, and daily administration of
the LTS LAN Terminal server.*

MAN13107-1LA is divided into four
books. Book A presents introduces the
LTS, its features, its network applications,
and the network protocols it supports.
Book B provides instructions on
configuring the LTS, the serial ports, the
parallel port, and any required service.
Book C provides information on managing
the network using tools and utilities
supplied with the LTS. Book D provides
reference material on the LTS tools and
utilities.

LTS User's Guide*

MAN13108-1LA   October 1991

For first-time users.

This guide is for novice LTS users whose
terminals are connected to an LTS and
who want to communicate with a host on
the network. The book contains two
chapters. Chapter 1 provides a tutorial on
using many of the LTS features and
commands. Chapter 2 provides a reference
for the user commands.

LTS325 Hardware Installation Guide*

MAN13109-1LA   October 1991

For System Administrators.

This guide provides instructions for
installing the LTS325 LAN Terminal
Server, and describes ROM Monitor
commands, troubleshooting, and
diagnostic procedures. Details about
network installation and device wiring
exceed the scope of this document.

LTS350 Hardware Installation Guide*

MAN13110-1LA   October 1991

For System Administrators.

This guide provides instructions for
installing the LTS350 LAN Terminal
server, and describes ROM Monitor
commands, troubleshooting, and
diagnostic procedures. Details about
network installation and device wiring
exceed the scope of this document.

LTS LAN Terminal Server Installation Notes*

RLN13112-2XA   March 1992

*For people responsible for installing
LTS325 and LTS350 software.*

This installation notes package provides
instructions for installing software on a
particular host and downloading the LTS
with the necessary files. Specific
installation procedures for 50 Series hosts
are discussed.

LAN300

Domain Name Service Guide *

DOC10374-1LA   Releases 2.3 and 2.4,
                Master Disk Rev.
                21.0.3 or higher

*For programmers, operators, and
Administrators of Domain Name Service,
and for the technically curious.*

This guide describes how to install,
configure, and program with the Domain
Name Service (DNS). Domain Name
Service is for use with XElink TCP/IP, and
PDNmail.

For the technically curious, the book
provides an in-depth explanation of the
workings of DNS. For programmers, the
book documents the Application
Programming Interface (API) which is
accessible from the C programming
language. For operators and
Administrators, the book explains
installation, configuration, and operation
of the DOMAIN_SERVER DNS
server/resolver and the DOMAIN
command.

XElink TCP/IP Guide *

DOC10310-2LA   Release 2.3, Master
                Disk Rev. 21.0.3 or
                higher
RLN20011-2LA   Release 2.3, Master
                Disk Rev. 21.0.3 or
                higher

*For users, programmers, operators, and
Administrators of XElink TCP/IP.*

This guide describes how to install,
configure, and use XElink TCP/IP. XElink
enables a 50 Series host to communicate
with a Prime or another vendor's
workstation or system running TCP/IP
over an Ethernet local area network or a
PRIMENET wide area or local area
network. At Release 2.3, XElink
implements TCP, IP, UDP, TELNET, FTP,
WHOIS, SMTP (PDNmail), and DNS.

For users, the book explains how to
transfer files with FTP, how to log in to
remote systems with TELNET, and how to
use the WHOIS program to look up
information about users, hosts, and
networks. For programmers, the book
documents the PRIMENET IPCF-based
Application Programming Interface (API).
For operators and Administrators, the
book explains installation, configuration,
and operation of the TCP/IP server, the
FTP server, and the administrative and
operational utility programs.

All aspects of XElinks's SMTP mail are
covered in the *PDNmail Guide.*

All aspects of XElinks's Domain Name
Service are covered in the *Domain Name
Service Guide.*

LTS300 Installation Guide

DOC11034-2LA   Rev. 21.0
RLN11034-21A   Rev. 23.1

For LTS300 users.

This guide describes how to install,
operate, and downline load an LTS300
unit. Specific items covered include the
following: cabling requirements,
diagnostics operation and evaluation,
network attachment, and software loading.
Correct voltage setting and fuse types for
LTS300 units are also described.

LTS/TCP Administrator's Guide

MAN10248-1LA   Rev. 21.0
MAN10248-2LA   Rev. 23.1

*For Administrators of the Prime LTS/TCP
terminal server.*

This guide describes how the Prime
LTS/TCP terminal server connects
asynchronous devices to an IEEE 802.3
compliant local area network (LAN). The
LTS/TCP software uses the TCP/IP family
of protocols to provide "virtual circuits"
that logically connect devices as though
they were attached directly to each other.

LTS/TCP User's Guide

MAN10249-1LA   Rev. 21.0
MAN10249-2LA   Rev. 23.1

*For users of the Prime LTS/TCP terminal
server.*

This guide briefly describes the LTS/TCP
network and explains how to use it.

PRIMOS TCP/IP Guide

DOC10155-3LA   Release 2.0, Master
                Disk Rev. 22.0

*For users, programmers, operators, and
Administrators of Prime networks.*

This guide describes how to install,
configure, and use PRIMOS TCP/IP.
TCP/IP enables a 50 Series host to
communicate with a Prime or another
vendor's workstation or system running
TCP/IP over an IEEE 802.3 compliant
local area network. At Release 2.0,
PRIMOS TCP/IP implements TCP, IP,
TELNET, UDP, SMTP, and FTP.

For users, the book explains how to
transfer files with FTP, send mail with
SMTP, and log in to remote systems with
TELNET. For programmers, the book
explains how to write socket applications
that access TCP and UDP protocols.
Sample programs are included. For
operators and Administrators, the book
explains how to install, configure, start,
and monitor TCP/IP. Sample configuration
files are included.

WSI300 User's Guide

DOC10155-2LA Release 1.0, Master
Disk Rev. 21.0

*For users, operators, and Administrators
of Prime networks.*

This guide describes how to install,
configure, and use Workstation/System
Interconnect 300 (WSI300). WSI300
enables a 50 Series host to communicate
with either a Prime or another vendor's
workstation or system running TCP/IP
over a LAN300. At Release 1.0, WSI300
implements TCP, IP, and File Transfer
Protocol (FTP). WSI300 also implements
a portion of the TELNET protocol that
enables a user on another system
connected to a LAN300 to log in to a
50 Series host.

For users, the book includes an FTP
tutorial and a detailed description of all
supported FTP commands. For operators
and Administrators, the book explains how
to create configuration files and how to
start the product. Sample network
configurations are included. The book also
describes how operators can monitor
WSI300.

NCS Release Notes for PRIMOS Systems

RLN10246-1LA NCS™ Release 1.0,
Master Disk Rev. 22.0

*For NCS Administrators and NCS
application program developers.*

This release notes package provides
directions for installing both the Network
Computing Kernel™ (NCK™) runtime
library and the Network Interface
Definition Language (NIDL) compiler on
the PRIMOS operating system. The notes
describe how to administer the NCK
runtime and discuss differences from other
NCS implementations. Additional calls for
NCS on the PRIMOS operating system are
also defined and described.

NCS Reference Guide for Prime Systems

MAN10247-1LA NCS Release 1.0,
Master Disk Rev. 22.0

For NCS application program developers.

This guide provides an overview of the
Network Computing System™ (NCS). The
Network Interface Definition Language

(NIDL) and other programming tools used
in the development of an application based
on NCS are also described.

Guide to NFS on PRIMOS Systems

DOC10285-1LA NFS Release 1.0,
Master Disk Rev. 22.0
DOC10285-2LA NFS Release 1.1,
Master Disk Rev. 22.0
UPD10285-21A NFS Release 1.2,
Master Disk Revs.
22.0 and 23.0

*For the Administrator of a Prime
computer providing the additional
functions of an NFS™ server.*

This guide provides directions for
installing the NFS server software, for
registering users from client systems, and
for accessing selected local partitions.
Differences from other NFS
implementations and important aspects of
the mechanism that maps PRIMOS access
rights to UNIX® access permissions (and
vice versa) are discussed. Administrative
commands and procedures, tools for file
conversion, and tools for diagnosing NFS
problems are also described.

The second edition adds directions for
updating user registration while NFS is
active, and for configuring PC-NFS™
clients.

The update package provides background
and directions for developing networked
programs on the PRIMOS system, using
the RPC library and the RPCGEN utility
available with Release 1.2-23.0. It
describes PRIMOS-specific routines to
accompany ONC™/RPC calls and
provides a summary illustration of the
program development procedure, using the
sample online program RUSERS, an
optional ONC service. (For a full
description of ONC/RPC programming
procedures, refer to the *ONC Network
Programming Guide.*)

ONC Network Programming Guide

MAN13006-1LA NFS Release 1.2,
Master Disk Revs.
22.0 and 23.0

*For programmers of networked
applications, built on the ONC/RPC
library.*

This guide fully describes network
programming procedures for any site
employing the Remote Procedure Call
(RPC) library of procedures that provide
Open Network Computing (ONC). This
manual was developed by Sun
Microsystems, Inc., which licenses the
ONC/RPC utilities. Customers can
purchase the manual from Prime under
this order number, if they do not already
have the manual for another system using
NFS built on the ONC/RPC facility.

Network Terminal Service (NTS)

NTS User's Guide

DOC10117-1LA   Rev. 21.0
DOC10117-2LA   Rev. 22.0
DOC10117-3LA   Rev. 23.0

For NTS terminal users – those using Network Terminal Service to connect to 50 Series computers.

The guide explains how to use the Network Terminal Service (NTS) software running on a LAN Terminal Server (LTS). It presents an overview of NTS and explains how to use it to communicate with 50 Series hosts. For more advanced users, it describes how to tailor the characteristics of the terminal line and explains how to use NTS assigned lines. A complete glossary of LAN300 terminology is included.

NTS Quick Reference Card

IDR10218-1XA

For NTS terminal users – those using Network Terminal Service to connect to 50 Series computers.

This quick reference card contains information about the most frequently used NTS commands. It includes sections on getting help, making and breaking connections, switching between data transfer mode and command mode, changing the escape character and prompt, checking status information, and checking and setting terminal characteristics.

NTS Planning and Configuration Guide

DOC10159-1LA   Rev. 21.0
UPD10159-11A   Rev. 22.0
DOC10159-2LA   Rev. 23.0

For those responsible for planning, installing, and configuring Network Terminal Service (NTS) networks.

This guide explains how to plan, install, and configure an NTS network. It provides LAN300 hardware and topology guidelines to assist in planning the physical layout of the network. The book also describes how to install NTS and LAN300 Network Management Facility software. Finally, it documents the use of CONFIG_NTS, the NTS configuration program, and presents two sample configurations. A complete glossary of LAN300 terminology is included.

Distributed Processing Terminal Executive (DPTX)

Distributed Processing Terminal Executive Guide

DOC4035-3LA   Rev. 21.0
DOC4035-4LA   Rev. 22.0

For system managers, Administrators, and applications programmers who must integrate the DPTX (3270 Support and Emulation) into a Prime environment. Prerequisite: the IBM book Introduction to Programming the IBM 3270.

This guide describes the DPTX system that emulates and supports IBM 3270 equipment. It lists the hardware components required and describes terminal operations, applications programming, and system operations.

DOC4035-4LA describes the DP$UPE subroutine. The DP$UPE subroutine is part of the PRTDSC portion of DPTX. PRTDSC is the spooler mechanism for buffer images coming from an IBM host destined for a Prime spooler. The DP$UPE subroutine allows the user to write a subroutine and declare an entry point as a dynamic link to be utilized when PRTDSC would normally print a buffer.

ICS Controllers

ICS User's Guide

DOC10094-1LA   Rev. 20.1
UPD10094-11A   Rev. 21.0

For those who will be supporting the PRIMENET/X.25 software, bisynchronous-framed RJE, SDLC, and asynchronous protocols on the ICS2/3. Users should have a comprehensive knowledge of data communication protocols.

This guide describes the Prime Intelligent Communications Subsystems, Model 2 (ICS2), and Model 3 (ICS3). The ICS3 provides higher performance, more memory space, and more flexibility in the allowed protocol combinations than the ICS2. Topics include descriptions of the hardware and software components of ICS2/3, an overview of the system architecture, a short description of support software resident in the Prime host, descriptions of available configurations, and a chapter on the current expected performance of ICS2/3. The book includes appendices on error conditions and cable and edge connectors. There is also a glossary of terms and abbreviations.

ICS2 User's Guide

DOC10044-1LA   Rev. 20.0

For those who will be supporting PRIMENET/X.25 and bisynchronous-framed RJE protocols on the ICS2.

This guide describes the Prime Intelligent Communications Subsystem, Model 2 (ICS2). Chapter topics include the hardware and software components of the ICS2; software resident in the Prime host; how to support the various communications protocols; ICS2 system architecture; ICS2 configuration; expected performance of the ICS2; diagnostic tools; and error conditions.

Data Management
(50 Series)

This section describes documentation for the following data management products:

- Data Base Management System (DBMS)
- Recovery Oriented Access Method (ROAM)
- Prime's Recoverable Indexed Sequential Access Method (PRISAM™)
- DISCOVER™ (Query for DBMS and PRISAM)
- ORACLE® RDBMS Version 6.0
- ORACLE SQL*Plus®
- ORACLE Precompilers
- ORACLE SQL*Forms®
- ORACLE SQL*ReportWriter™
- ORACLE SQL*Net®
- ORACLE SQL*Menu®
- ORACLE Easy*SQL®
- Prime® ORACLE Version 5.1
- Multiple Index Data Access System – Plus Enhancements (MIDASPLUS™)
- PRIFORMA™

Data Base Management System (DBMS)

DBMS User's Guide

DOC6291-192L	Rev. 19.2
UPD6291-11A	Rev. 20.2

For general users with little or no DBMS experience, as well as for experienced DBMS users and database designers.

This guide presents an overview of basic database concepts, as well as general information about database design, installation, programming, and recovery. Because an understanding of information modeling and general database concepts is essential to database design and maintenance, the book focuses on concepts rather than software. Other Prime® books listed below describe the DBMS software in detail.

UPD6291-11A is an update package that summarizes DBMS features introduced at Revs. 19.4, 20.0, and 20.2. For Rev. 19.4, it describes the ability to change a set's node size, the ability to use COBOL 74 (CBL) and FORTRAN 77 (F77), mixed-mode transactions that can access both DBMS and PRISAM files, and new formats for the FIND/FETCH DML commands. For Rev. 20.0, the update describes the ability to choose either a DAM or a CAM physical file type for the schema. For Rev. 20.2, it describes the CONFIG utility, which allows the Administrator to control the execution of transactions, and includes a summary of DISCOVER's new callable interface, introduced for system programmers.

DBMS Administrator's Guide

DOC6292-2LA   Rev. 22.0

For knowledgeable database management personnel and Database Administrators. Prerequisite: knowledge of the DBTG-71 specification.

This book is a guide to administering the Prime CODASYL-based DBMS. It presents information on the file structure and procedures of DBMS, as well as instructions for using offline utilities to access and manipulate DBMS files. The book also presents a brief overview of the Recovery Oriented Access Method (ROAM), which DBMS uses for file recovery and concurrent access control.

DOC6292-2LA consolidates information from the original book and its updates and provides descriptions of features new at Rev. 22.0. Features include three new DBACP commands that enable you to decrease area and set file size without writing DML programs, to bypass the allocation of an area file and later allocate it as a single file, and to force the enlargement of an area or set file. Also, at Rev. 22.0, the number of user processes supported has increased.

DBMS Data Description Language Reference Guide

DOC5717-181L   Rev. 18.1
UPD5717-11A   Rev. 19.4

For Database Administrators and programmers responsible for defining a database. Knowledge of data management concepts and DBTG-71 is required. Prerequisite: DBMS Administrator's Guide.

This guide describes the Schema Data Description Language (DDL) for the Prime CODASYL-compliant database management system, which is based on the 1971 specification. The book explains how to compile a schema and a subschema after they have been created. It also describes the Data Description Languages for COBOL and FORTRAN subschemas.

The update package for Rev. 19.4 describes the capability added at Rev. 19.4 for creating COBOL 74 (CBL) and FORTRAN 77 (F77) subschemas.

DBMS Data Manipulation Language Reference Guide

DOC5308-190L   Rev. 19.0
UPD5308-11A   Rev. 19.4
UPD5308-12A   Rev. 21.0

For COBOL and FORTRAN application programmers with knowledge of database management concepts. Prerequisites: DBMS Administrator's Guide; DBMS Data Description Language Reference Guide.

This book describes the Data Manipulation Language (DML) to be used with COBOL and FORTRAN application programs. It includes a discussion of how to compile and run DBMS application programs.

The update package for Rev. 19.4 describes additional functionality added at this revision, specifically, the capability to program in COBOL 74 (CBL) and FORTRAN 77 (F77), and two formats for the FETCH/FIND DML commands that enable partial key search.

UPD5308-12A documents features for Rev. 21.0, including two preprocessor options, one of which is intended for PRIMEWAY™ users.

DBMS Master Index

DOC10164-3PA   Rev. 22.0

For anyone who consults two or more DBMS or ROAM manuals.

This index combines the indexes of the four DBMS manuals and the *ROAM Administrator's Guide*. Each entry in this index indicates both the manual name and the page number where the given topic is discussed.

DBMS Programmer's Companion

DOC8645-1XA   Rev. 19.4

For all users of DBMS.

This book is a pocket-size, quick-reference guide to DBMS. Included are an overview of the DBMS system, a syntax summary, a description of error handling, and a glossary.

Recovery Oriented Access Method (ROAM)

ROAM Administrator's Guide

DOC7345-3LA   Rev. 21.0
UPD7345-31A   Rev. 22.0

For the ROAM Administrator, Data Management Product Administrator, and all DBMS and PRISAM users.

This book is a guide to administering and maintaining files for the Prime recovery-based data management products. It defines the Recovery Oriented Access Method (ROAM), describes the structure of recovery-based data management files, describes ROAM system files that control concurrent access and recovery of the data management files, and details security protection for both types of files. Additionally, it describes the role of transactions in enabling concurrent access and recovery.

The book discusses in detail the three forms of recovery, and presents the commands used to perform ROAM's administrative functions. Also included are discussions of the ROAM mechanisms for saving files to and restoring files from disk and of the ROAM-specific use of PRIMOS® logical tape utilities to save files to and restore files from magnetic tape.

In addition, the book includes descriptions of the ROAM buffer pool, changes to the ROAM log, and a new type of file organization, the Contiguous Access Method (CAM). Also included are instructions on using the PRIMOS tape utilities with CAM files, on suppressing or displaying messages generated during command processing, and on using the LIST_ACTIVE_RBFS command to simplify the roll-forward process.

The third edition of the book provides more detailed versions of administrative and recovery procedures and documents Rev. 21.0 features. Features include a backup enhancement for a database that exists on multiple disks, support for PRISAM remote transactions, and support for as many as 1024 ROAM buffers.

UPD7345-31A is an update package that describes PRISAM nontransactional files. In nontransactional mode, operations can be performed faster than in transactional mode, but ROAM's full recovery capability is not available. This update package also describes increased process support, through which you can set the maximum number of concurrent ROAM users; multi-node transactions that allow you to read files on multiple nodes; and increased performance improvements.

Prime's Recoverable Indexed Sequential Access Method (PRISAM)

PRISAM User's Guide

DOC7999-4LA   Rev. 22.0

For all users of Prime's Recoverable Indexed Sequential Access Method (PRISAM). A knowledge of programming and familiarity with PRIMOS commands and directory structure is assumed. Prior knowledge of PRISAM is not required.

This book is a guide for using the Prime indexed file system, which offers transaction-based recovery in a multi-user environment. Included is an explanation of how to organize, create, and access the indexed, relative, and sequential file types supported by PRISAM. Topics covered include the data description language used to define file structure, file creation and maintenance, error handling, file diagnostics, transaction processing, and recovery. Other features discussed are remote transactions, the use of a configuration utility for setting and changing system parameters, and support for duplicate item names and variable-length records. Examples are used throughout the book.

DOC7999-4LA, the fourth edition of this book, documents Rev. 22.0 features. These include nontransactional mode, multi-node retrieval transactions, support for more users and open files, and the ability to return the stored record description to an application program.

DISCOVER (Query for DBMS and PRISAM)

DISCOVER User's Guide

DOC7799-1LA   Rev. 19.4
UPD7799-11A   Rev. 20.0

For computer professionals and general users familiar with a data processing environment. An acquaintance with PRISAM or DBMS is helpful, but not essential. Knowledge of programming is not required.

This guide is a step-by-step approach to using the DISCOVER query language to access data from PRISAM files and DBMS databases, to update PRISAM files, and to generate reports. Topics include how to use DISCOVER commands, create record relationships, format data, and customize reports. Sample sessions and examples are used throughout the book.

UPD7799-11A describes Rev. 20.0 features, including the SELECT command functions AVERAGE, SUM, MINIMUM, MAXIMUM, and COUNT, for DBMS and PRISAM; retrieval performance enhancements for PRISAM; duplicate item name support for PRISAM; and query optimization messages for DBMS.

DISCOVER Reference Guide

DOC7798-2LA   Rev. 22.0

For all users of the DISCOVER query language, both DBMS and PRISAM.

This book is a guide to the syntax and use of DISCOVER to update and query PRISAM records, or to query the DBMS database.

DOC7798-2LA, the second edition of this book, is reorganized into three parts and is updated to describe Rev. 22.0 features. The three parts describe the basic use of DISCOVER; advanced use of DISCOVER, including chapters on cataloged tools and transactions; and use of the DISCOVER report generator. Rev. 22.0 features described by the book are common record structures, support of remote PRISAM files, SQL compatibility enhancements, the EDIT_CMD_LINE facility in DISCOVER, and an increased number of PRISAM file records per session.

DBMS/QUERY Report Generator Casebook

IDR5650-182P   Rev. 18.2

For anyone who wants to format information retrieved from a DBMS database. No knowledge of programming or the DBMS product is required. However, a general knowledge of DISCOVER is assumed. Prerequisite: DISCOVER User's Guide.

This book uses one extended example to illustrate the process of formatting information retrieved from a DBMS database into a report. The book is designed so that an explanation of a command is followed immediately by a full-page presentation of the actions that DISCOVER performs.

ORACLE RDBMS Version 6.0

ORACLE Version 6.0 Installation and User's Guide for 50 Series Systems

DOC10134-3LA   Version 6.0
UPD10134-31A   Version 6.0.27
DOC10134-4LA   Version 6.0.30

For ORACLE Database Administrators and programmers working on a 50 Series™ computer.

This guide provides instructions for installing, managing, and operating ORACLE and its optional products, SQL*Forms, SQL*Menu, and SQL*Net. It also provides information for programmers on aspects of ORACLE and SQL*Forms software that are unique to Prime systems.

ORACLE Database Administrator's Guide

MAN10135-3XA   Version 6.0

For ORACLE Database Administrators, knowledgeable ORACLE users, and experienced application designers.

This guide describes, in detail, the features and maintainence options of the ORACLE Relational Database Management System (RDBMS). Information is presented in both tutorial and reference formats.

ORACLE RDBMS Performance Tuning Guide

MAN20005-1PA   Version 6.0

For Database Administrators and application designers.

This guide extends the *ORACLE Database Administrator's Guide* while focusing on performance issues.

ORACLE Utilities User's Guide

MAN10137-3XA   Version 6.0

For experienced ORACLE database users.

This guide describes, in detail, how to use the four ORACLE utilities that enhance the ORACLE RDBMS. The utilities discussed are Export, Import, SQL*Loader® and CRT.

ORACLE Error Messages and Codes Manual

MAN10138-3XA   Version 6.0

For all users of ORACLE Version 6.0 and the PL/SQL™ transaction processing language.

This manual lists the error messages issued by the ORACLE RDBMS and the auxiliary error messages issued by PL/SQL. Each listing gives the probable cause of the error and the action the user should take to correct it. The manual also includes helpful tips about error messages and an alphabetical listing of the ORACLE error messages.

SQL Language Reference Manual

MAN11305-1XA   Version 6.0

For ORACLE users and programmers.

This manual describes, in detail, the SQL relational database language, which is used to create, store, modify, and manage information in an ORACLE database.

Programmer's Guide to the ORACLE Call Interfaces

MAN10397-1PA   Version 6.0

For ORACLE programmers.

This guide describes how to use the ORACLE Call Interfaces for C, COBOL, and FORTRAN.

ORACLE SQL*Report User's Guide

MAN10232-2XA   Version 1.0

For all ORACLE users.

This is both a user's guide and a reference manual. It describes the RPF (Report Text Formatter) and RPT (Report Generator) utilities and demonstrates their use. Examples and diagrams are provided.

ORACLE SQL*Report Addendum

MAN10233-2XA   Version 1.1

For all ORACLE users.

The addendum provides the latest information about the features and operation of SQL*Report®.

ORACLE PL/SQL User's Guide and Reference Manual

MAN10377-1XA   Version 1.0

For programmers using the ORACLE RDBMS with the Transaction Processing Option.

This manual provides a complete description of PL/SQL for application programmers.

ORACLE SQL*Plus

ORACLE SQL*Plus User's Guide and Reference

MAN10141-3XA   Version 3.0

*For all ORACLE SQL*Plus users.*

This manual is both an introduction to the features of SQL*Plus and a detailed discussion of the elements of the SQL*Plus language. It explains how to use the SQL*Plus program to create, store, modify, retrieve, print, and manage information in an ORACLE database. Also included are lists and descriptions of all the SQL and SQL*Plus commands.

ORACLE SQL*Plus Quick Reference

IDR10141-3XA   Version 2.0

For all ORACLE users.

This reference contains a listing of SQL and SQL*Plus commands and shows the syntax for the commands. It also includes listings of ORACLE reserved words, SQL and SQL*Plus operators and functions, and data dictionary views.

ORACLE SQL*Plus Release Notes

MAN10140-3XA   Version 2.0.13

For all ORACLE users.

This release notes package provides the latest information about the features and operation of SQL*Plus.

ORACLE Precompilers

ORACLE Pro*C User's Guide

MAN10149-3XA   Version 1.1

For C programmers.

This guide explains how to use the precompiler interface and the ORACLE Call Interface, which permit applications written in C to contain embedded SQL statements and to access data in an ORACLE database.

ORACLE Pro*COBOL User's Guide

MAN10150-3XA   Version 1.1

For COBOL programmers.

This guide explains how to use the precompiler interface and the ORACLE Call Interface, which permit applications written in COBOL to contain embedded SQL statements and to access data in an ORACLE database.

ORACLE Pro*FORTRAN User's Guide

MAN10151-3XA   Version 1.1

For FORTRAN programmers.

This guide explains how to use the precompiler interface and the ORACLE Call Interface, which permit applications written in FORTRAN to contain embedded SQL statements and to access data in an ORACLE database.

ORACLE Pro*PL/I User's Guide

MAN10152-3XA   Version 1.1

For PL/I programmers.

This guide explains how to use the precompiler interface and the ORACLE Call Interface, which permit applications written in PL/I to contain embedded SQL statements and to access data in an ORACLE database.

ORACLE Programmatic Interfaces Addendum

MAN10231-3XA   Version 1.3

For ORACLE programmers.

The addendum provides the latest information about the ORACLE Programmatic Interfaces (Pro*C™, Pro*COBOL®, Pro*FORTRAN®, and Pro*PL/I®).

Programmer's Guide to the ORACLE Precompilers

MAN10398-1PA   Version 1.3

For ORACLE programmers.

This guide, in conjunction with the language-specific supplements, describes the ORACLE precompilers and advanced programming techniques.

Pro*C Supplement to the ORACLE Precompilers Guide

MAN10399-1PA   Version 1.3

For C programmers.

This document supplements with C-specific information the *Programmer's Guide to the ORACLE Precompilers*, describing how to write applications in C that contain embedded SQL statements and that access data in ORACLE databases.

Pro*COBOL Supplement to the ORACLE Precompilers Guide

MAN10400-1PA   Version 1.3

For COBOL programmers.

This document supplements with COBOL-specific information the *Programmer's Guide to the ORACLE Precompilers*, describing how to write applications in COBOL that contain embedded SQL statements and that access data in ORACLE databases.

Pro*FORTRAN Supplement to the ORACLE Precompilers Guide

MAN10401-1PA   Version 1.3

For FORTRAN programmers.

This document supplements with FORTRAN-specific information the *Programmer's Guide to the ORACLE Precompilers*, describing how to write applications in FORTRAN that contain embedded SQL statements and that access data in ORACLE databases.

Pro*PL/I Supplement to the ORACLE Precompilers Guide

MAN10402-1PA   Version 1.3

For PL/I programmers.

This document supplements with PL/I-specific information the *Programmer's Guide to the ORACLE Precompilers*, describing how to write applications in PL/I that contain embedded SQL statements and that access data in ORACLE databases.

ORACLE SQL*Forms

ORACLE SQL*Forms Operator's Guide

MAN10143-2XA   Version 2.3
MAN10143-3PA   Version 3.0

For data entry operators, programmers, and Database Administrators.

This guide provides instructions on operating SQL*Forms applications. It includes a general procedures tutorial.

ORACLE SQL*Forms Designer's Reference

MAN10144-2XA   Version 2.0
MAN10144-3PA   Version 3.0

For operators, designers, and Database Administrators. Familiarity with the ORACLE relational database is assumed.

This reference details how to set up SQL*Forms, describes the keys used in SQL*Forms, and explains the steps to use when creating a form.

ORACLE SQL*Forms Documentation Addendum

MAN10145-2XA   Version 2.3

For form designers and operators.

The addendum covers all of the changes in functionality and procedures for Version 2.3 of SQL*Forms.

ORACLE SQL*Forms Operator's Quick Reference

IDR10146-2XA   Version 2.3
IDR10146-3XA   Version 3.0

*For users of the SQL*Forms operator's product.*

This quick reference provides summaries of SQL*Forms operator's terms, concepts, and record procedures, and describes how to run a form.

ORACLE SQL*Forms Designer's Quick Reference

IDR10147-2XA   Version 2.3
IDR10147-3XA   Version 3.0

*For users of SQL*Forms designer's products.*

This quick reference provides summaries of SQL*Forms procedures, function keys, form creation, and trigger syntax.

ORACLE SQL*Forms Designer's Tutorial

MAN10165-2XA   Version 2.3
MAN10165-3PA   Version 3.0

For experienced users of applications software and SQL language.

This tutorial is organized in two parts. Part I presents the tutorial for creating a sample form. Part II provides instructions for using "triggers" to validate data entry.

ORACLE Advanced SQL*Forms Techniques

MAN13089-1PA   Version 3.0

*For experienced SQL*Forms designers.*

This document describes through scenarios how to add complex functionality to applications, improve their performance, and port them between interface environments.

ORACLE*Terminal User's Guide

MAN20009-1PA   Version 1.0

*For SQL*Forms Version 3.0 and SQL*Menu Version 5.0 designers.*

This guide explains how to customize and maintain terminal device definitions used by SQL*Forms 3.0 and SQL*Menu 5.0.

ORACLE SQL*ReportWriter

ORACLE SQL*ReportWriter Reference Manual

MAN11263-1XA   Version 1.0
MAN11263-2PA   Version 1.1

For experienced application designers and knowledgeable ORACLE users who wish to create reports.

This manual describes, in detail, the components of SQL*ReportWriter. It provides a tutorial and reference material to help users learn how to develop and execute reports.

Building Reports With SQL*ReportWriter

MAN20008-1PA   Version 1.1

*For all SQL*ReportWriter users.*

This document contains an introductory tutorial to SQL*ReportWriter, a conceptual overview, and a discussion of over 30 different report formats.

ORACLE SQL*Net

ORACLE SQL*Net User's Guide

MAN10234-2XA   Version 1.1

For ORACLE asynchronous SQL*Net users.

This guide describes SQL*Net architecture and provides instructions for accessing remote ORACLE databases via ORACLE utilities. It also explains the requirements for using the ORACLE Asynchronous Protocol with IBM®-compatible PCs.

ORACLE SQL*Net Release Notes

MAN10235-2XA   Version 1.1.11

For ORACLE asynchronous SQL*Net users.

This release notes package provides updated information, including changes in functionality and procedures, for using ORACLE SQL*Net and the asynchronous protocol.

ORACLE SQL*Net TCP/IP User's Guide

MAN10263-2XA   Version 1.0

For ORACLE SQL*Net TCP/IP users.

This guide provides information about configuring and using SQL*Net to access a remote database on a TCP/IP network.

ORACLE SQL*Menu

ORACLE SQL*Menu User's Guide

MAN11262-1XA   Version 4.1

For all SQL*Menu users including application developers, end users, and Database Administrators.

This guide explains how to use SQL*Menu. It shows how to create and use menus for applications, and it describes how to administer SQL*Menu.

ORACLE SQL*Menu User's Guide and Reference

MAN11262-2PA   Version 5.0

For all SQL*Menu users, including application developers, end users, and Database Administrators.

This guide explains how to use SQL*Menu. Reference topics cover menu styles and navigation, design concepts, object definitions, command types, system administration, and error messages.

ORACLE SQL*Menu Designer's Quick Reference

IDR11262-1XA   Version 5.0

For experienced SQL*Menu designers.

This document describes advanced SQL*Menu topics, including available function keys and how to create a SQL*Menu application.

ORACLE*Terminal User's Guide

MAN20009-1PA   Version 1.0

For SQL*Forms Version 3.0 and SQL*Menu Version 5.0 designers.

This guide explains how to customize and maintain terminal device definitions used by SQL*Forms 3.0 and SQL*Menu 5.0.

ORACLE Easy*SQL

Prime ORACLE Easy*SQL Product Manuals

DCP10086   Version 2.2

For Prime ORACLE Easy*SQL users.

This binder contains three manuals describing the Easy*SQL program, which allows you to create, store, modify, retrieve, and manage information in an ORACLE database. They are the *Prime ORACLE Easy*SQL User's Guide, Prime ORACLE Introduction to Easy*SQL,* and *Prime ORACLE Easy*SQL Quick Reference.*

Prime ORACLE
Version 5.1

Prime ORACLE 5.1 Administrator's Manuals

DCP10078   Revision 5.1

For all Prime ORACLE users.

The three manuals in this binder are *Prime ORACLE Installation and User's Guide, Prime ORACLE Database Administrator's Guide,* and *Prime ORACLE RDBMS Release Notes.* Note: Additional copies of the *Prime ORACLE Installation and User's Guide* are available separately; use order number DOC10134-2LA.

Prime ORACLE Installation and User's Guide

DOC10134-2LA   Version 5.1

For Prime ORACLE Database Administrators and programmers working on a 50 Series computer.

This provides instructions for installing, managing, and operating Prime ORACLE and its optional products, SQL*Forms and SQL*Net. It also provides information for programmers on aspects of Prime ORACLE and SQL*Forms software that are unique to Prime systems.

Prime ORACLE SQL*Plus Manuals

DCP10076   Revision 5.1

For all Prime ORACLE users.

This binder contains five manuals. The *SQL Primer* is an introduction to the SQL relational data language. The SQL*Plus program is described in *Prime ORACLE SQL*Plus User's Guide, Prime ORACLE SQL*Plus Release Notes, Prime ORACLE SQL*Plus Reference Guide,* and *Prime ORACLE SQL*Plus Quick Reference.*

Prime ORACLE Report and Error Messages

DCP10077   Revision 5.1

For all Prime ORACLE users.

The five manuals in this binder include two additional administration manuals – *Prime ORACLE Utilities User's Guide* and *Prime ORACLE Error Messages and Codes Manual. Prime ORACLE SQL*Report User's Guide* and *Prime ORACLE SQL*Report Release Notes* describe how to use the report-generation program. *Prime ORACLE SQL*Loader User's Guide* documents the ORACLE utility for moving data from external files into ORACLE database tables.

Prime ORACLE Pro*C/Programmatic Interface Manuals

DCP10079   Revision 5.1

For Prime ORACLE programmers.

This binder contains two manuals. *Prime ORACLE Programmatic Interfaces Release Notes* provides the latest information on the programming interfaces to the ORACLE RDBMS. *Prime ORACLE Pro*C User's Guide* describes how the SQL language can be embedded in programs written in C.

Prime ORACLE Languages Manuals

DCP10080   Revision 5.1

For Prime ORACLE programmers.

The three manuals in this binder contain information about embedding the SQL language into programs written in high-level programming languages. These manuals are the *Prime ORACLE Pro*COBOL User's Guide, Prime ORACLE Pro*FORTRAN User's Guide,* and the *Prime ORACLE Pro*PL/I User's Guide.*

Prime ORACLE SQL*Net Product Manuals

DCP10081   Version 1.1.14

*For Prime ORACLE asynchronous SQL*Net users.*

The two manuals in this package are *Prime ORACLE SQL*Net User's Guide* and *Prime ORACLE SQL*Net Release Notes.*

Prime ORACLE TCP/IP SQL*Net Product Manuals

DCP10084   Version 1.1.14

*For Prime ORACLE TCP/IP SQL*Net users.*

The *Prime ORACLE SQL*Net User's Guide* and *Prime ORACLE SQL*Net Release Notes* are contained in this package. A third manual, *Prime ORACLE TCP/IP User's Guide,* provides information about SQL*Net and the TCP/IP protocol.

Prime ORACLE Execute Only Product Manuals

DCP10014   Revision 5.0

For knowledgeable relational database management personnel and Database Administrators.

This DCP is made up of one binder that contains five manuals about Prime ORACLE on the 50 Series. Included are the *Prime ORACLE Installation Guide, Prime ORACLE Database Administrator's Guide, Prime ORACLE RDBMS Release Notes, Prime ORACLE Utilities Guide,* and the *Prime ORACLE Error Messages and Codes Manual.*

Prime ORACLE SQL*Forms Product Manuals

DCP10015   Version 2.0

*For users who have purchased the SQL*Forms product. Specifically, for data entry operators, programmers, and Database Administrators.*

This DCP is made up of one binder that contains six manuals about Prime ORACLE on the 50 Series. Included are the *Prime ORACLE SQL*Forms Operator's Guide, Prime ORACLE SQL*Forms Designer's Reference Guide, Prime ORACLE SQL*Forms Designer's Tutorial, Prime ORACLE SQL*Forms Release Notes, Prime ORACLE User's Quick Reference Guide,* and the *Prime ORACLE SQL*Forms Designer's Quick Reference Guide.*

Prime INTELLECT User's Guide

DOC11241-1LA   Prime®
                INTELLECT™
                Release 1.0, Prime
                ORACLE Release 5.0,
                Master Disk Rev. 21.0

For both new and experienced users of the Prime INTELLECT natural language query system, accessing a Prime ORACLE database.

This guide describes how to use Prime INTELLECT to query a Prime ORACLE database using everyday conversational English. The tutorial contains sample sessions on the basic functions for entering requests, and the functions for sorting, organizing, and displaying information in various formats at the terminal.

Prime INTELLECT Designer's Guide

DOC11242-1LA   Prime INTELLECT
                Release 1.0, Prime
                ORACLE Release 5.0,
                Master Disk Rev. 21.0

For the person responsible for designing and maintaining Prime INTELLECT applications, using the Prime INTELLECT natural language query system, with a Prime ORACLE database.

This guide explains how to design one or more Prime INTELLECT lexicons for a specific application. The steps for creating a lexicon are covered, including linking Prime ORACLE tables, and each screen in the lexicon editor is illustrated and explained. The book also provides guidelines for setup and installation of Prime INTELLECT.

MIDASPLUS

MIDASPLUS Concepts

DOC9243-1PA   Rev. 20.0

For new MIDASPLUS users. No previous knowledge of MIDASPLUS is assumed.

This book presents a conceptual overview of MIDASPLUS. Topics include describing a MIDASPLUS file, creating a template, creating an input file, accessing a file, and populating a file. The text summarizes the features and benefits of all of the MIDASPLUS utilities.

MIDASPLUS User's Guide

DOC9244-2LA   Rev. 22.0

For general and experienced users of MIDASPLUS. Prerequisite: knowledge of programming and of the basic concepts of MIDASPLUS.

This guide contains all information necessary to use MIDASPLUS, the Prime-enhanced Multiple Index Data Access System. The book explains how to create, build, and maintain keyed data files. Included are descriptions and examples of how to access MIDASPLUS files directly from application programs written in COBOL, FORTRAN, BASIC/VM, PL/IG, and VRPG, or through FORTRAN subroutines from applications written in C. File administration, the diagnostic dump utility (MDUMP), and error messages are discussed, as well as support for insert files used in Pascal and C programs, and the use of Pascal and full PL/I for accessing MIDASPLUS.

The second edition, DOC9244-2LA, incorporates all previous documentation and documents Rev. 22.0 features. Information includes details on support for variable-length record files, changes to the COBOL interface, and an option for the SPY utility.

MIDASPLUS Companion

DOC10045-1XA   Rev. 19.4

For all MIDASPLUS users.

This book is a pocket-size, quick-reference guide to MIDASPLUS. Included are summaries of the MIDASPLUS utilities and their dialogs; descriptions of the FORTRAN, COBOL, BASIC/VM, PL/I Subset G, and VRPG interfaces to MIDASPLUS; a description of the offline routines; and a complete list of MIDASPLUS error messages.

PRIFORMA

PRIFORMA Forms Design and Administration Guide

DOC10240-1LA   PRIFORMA Release 2.0, Master Disk Rev. 22.0

For System Administrators, and for analysts and programmers who wish to use PRIFORMA to design forms and incorporate them into an application program.

This guide introduces PRIFORMA, a software tool that enables you to design and develop form definitions online, and integrate them into an application program. The book explains how to create, modify, test, and save forms. It also provides instructions for all the tasks associated with PRIFORMA installation and administration.

PRIFORMA Forms Manipulation Language Guide

DOC10241-1LA   PRIFORMA Release 2.0, Master Disk Rev. 22.0

For COBOL programmers who wish to use the Forms Manipulation Language (FML) to incorporate PRIFORMA-designed forms into an application program.

This guide explains how to use FML to incorporate PRIFORMA forms into an application program. It describes the FML preprocessor, introduces aspects of programming and debugging PRIFORMA-based FML applications, and explains the purpose and syntax of each FML statement.

PRIFORMA Programmer's Guide

DOC10242-1LA   PRIFORMA Release 2.0, Master Disk Rev. 22.0

For application programmers who wish to use the PRIFORMA runtime library of routines.

This guide describes the basic components of PRIFORMA forms, explains the principles of form-based application design, and provides a reference section describing each callable routine in the PRIFORMA runtime library.

Languages (50 Series)

This section describes documentation for the following languages:

- BASIC/VM
- Interpretive BASIC
- C
- C++
- COBOL85
- COBOL 74
- FORTRAN 77
- FORTRAN
- Common LISP
- Pascal
- PL/I
- PL/I Subset G
- RPG II V-mode

BASIC/VM

BASIC/VM Programmer's Guide

FDR3058-101B	Rev. 17.2
COR3058-001	Rev. 18.1
COR3058-002	Rev. 19.0
UPD3058-33A	Rev. 19.4

For users with some familiarity with any form of the BASIC language. However, sufficient tutorial information is included for users with no familiarity with BASIC but with general programming backgrounds.

This guide includes features of the PRIMOS® operating system in addition to a complete description of BASIC commands and statements. Advanced techniques such as arrays and matrices, and the interface to MIDAS™ are also discussed. In addition, there is an annotated list of error codes.

COR3058-001, the update package for Rev. 18.1, describes enhancements to the compiler, including the ability to call FORTRAN subroutines, command abbreviations, and support for lowercase entry.

COR3058-002, the update package for Rev. 19.0, contains corrections and clarifications to documentation as well as describing some minor enhancements to the product.

UPD3058-33A, the update package for Rev. 19.4, describes enhancements that make the compiler conform to ANSI-minimal BASIC.

Interpretive BASIC

Interpretive BASIC Programmer's Guide

IDR1813-140P   Rev. 16

For users unfamiliar with BASIC but who know the elements of getting started on a Prime® computer. (Chapters 1 through 4 of the PRIMOS User's Guide are recommended.)

This is a combination tutorial and reference book for the Prime interpretive BASIC language. It introduces the language and tells the user how to enter, edit, and execute a program. Numeric and string data and expressions are described. File access, input/output, and matrix and vector operations are covered. There is a complete reference section of the language statements. Error messages are listed and annotated.

Note: There have been no user-visible changes since Rev. 16. The product has been functionally superseded by BASIC/VM.

C

C User's Guide

DOC7534-3LA   Release T1.0-21.0
DOC7534-4LA   Release T3.0-23.0

For programmers familiar with the C language.

This guide describes the implementation and use of the C language on Prime computers. It contains information on compiling C programs in 64V and 32IX modes, on linking programs using BIND or SEG, and on executing and debugging C programs within PRIMOS. Also included are descriptions of the Prime C library functions and procedures for interfacing C with other Prime languages.

DOC7534-3LA describes Release T1.0-21.0 features: INCLUDE$ search rules; the Prime Extended Character Set; and enhancements to the open () library function. It also has a new chapter on porting programs between PRIMOS C and other implementations of the language.

DOC7534-4LA describes Release T3.0-23.0 features: ANSI standard compilance; quadruple floating point support; new compiler options; additional Prime extensions; new library routines; nested #include files.

C++

C++ User's Guide

DOC20004-1LA   Release T2.2-22.1

For programmers familiar with the C++ programming language.

This guide describes the C++ translator for the PRIMOS operating system. It contains information necessary to translate/compile, load, execute and debug C++ programs on 50 Series™ machines. Also included are descriptions of the Prime C++ library functions and procedures for interfacing C++ to C and other Prime programming languages. PRIMOS C++ is an implementation of the C++ programming language based on the UNIX® System V AT&T C++ Language System Release 2.0.

COBOL85

COBOL85 Reference Guide

DOC10166-1LA   Release 1.0, Master
                       Disk Rev. 22.0
RLN10166-11A   Release 1.1, Master
                       Disk Rev. 22.0

*For experienced COBOL programmers.
Programmers unfamiliar with COBOL
should see one of the many commercially
available textbooks.*

This document is a programmer's guide to
the COBOL85 language as it is
implemented on 50 Series systems, which
run under the PRIMOS operating system.
The guide provides the necessary
information for compiling, linking,
executing, and debugging COBOL85
programs.

The release notes package contains
documentation for the enhancements to the
COBOL85 compiler and runtime library,
which at Release 1.1 contain more of the
Level 2 features described in the 1985
ANSI standard for COBOL.

CBL to COBOL85 Conversion Program Guide

DOC10276-1PA   Release 1.0, Master
                       Disk Rev. 22.0

*For experienced CBL programmers who
wish to convert programs written in the
Prime implementation of ANSI 74 COBOL
(CBL) to ANSI 85 COBOL (COBOL85).*

This guide describes the use of the
conversion tool C85_CONV, a
programming aid useful in converting
programs written in Prime's COBOL 74 to
programs acceptable to the Prime COBOL
85 compiler, COBOL85. It highlights
incompatibilities between the two COBOL
products and the actions that the
conversion program takes in attempting to
resolve them. It also summarizes the
language differences that the conversion
program is not expected to treat
automatically; in most of these cases the
program issues advisory messages to aid
the user in converting these statements
manually.

COBOL 74

COBOL 74 Reference Guide

DOC5039-2LA   Rev. 20.0
UPD5039-21A   Rev. 20.2
UPD5039-22A   Rev. 21.0
UPD5039-23A   Release T1.0-21.0

*For COBOL 74 programmers who have
some familiarity with interactive
computers but not necessarily with Prime
computers. People unfamiliar with
COBOL 74 should see one of the many
commercially available textbooks.*

This guide details the implementation and
use of the COBOL 74 language on Prime
computers, and describes Prime extensions
to COBOL 74. It covers compiling,
loading, and executing programs,
including a list of error messages.
Interfaces to other Prime utilities, such as
MIDAS and the Source Level Debugger,
are discussed.

UPD5039-21A, the update package for
Rev. 20.2, describes enhancements to the
compiler at Rev. 20.2 and corrections to
the documentation. Rev. 20.2 compiler
enhancements include support of
variable-length records and variable-length
tables, as well as support of PRISAM™
sequential files.

UPD5039-22A, the update package for
Rev. 21.0, describes enhancements to the
compiler and corrections to the
documentation. Rev. 21.0 compiler
enhancements include support of the
Prime Extended Character Set (Prime
ECS); use of INCLUDE$ search lists with
the COPY statement; MAGLIB support
for all tape operations; and a new pair of
compiler options, –SPACE and –TIME.

UPD5039-23A, the update package for
Release T1.0-21.0, describes the
enhancements to the compiler and
corrections to the documentation. Release
T1.0-21.0 compiler enhancements include
support of the CALL identifier-1 format of
the CALL statement, and support of
PRISAM Open options in the VALUE OF
FILE-ID clause.

COBOL to CBL Conversion Guide

MAN10002-1LA   Rev. 20.0

*For experienced COBOL programmers
who wish to convert programs written
using the first Prime COBOL compiler
(COBOL) to programs written in the
Prime implementation of ANSI 74 COBOL
(CBL).*

This guide describes incompatibilities
between the first Prime COBOL compiler
(COBOL) and the Prime ANSI 74
COBOL compiler (CBL), and explains
how the Prime conversion tool
(CBL_CONV) addresses these
incompatibilities. This guide provides
information on using CBL_CONV. It also
provides detailed descriptions of the
differences in the two compilers and how
these differences may affect programs.

FORTRAN 77

FORTRAN 77 Reference Guide

DOC4029-5LA   Release T1.0-21.0
UPD4029-51A   Release T2.0-22.1

For FORTRAN 77 programmers who have some familiarity with interactive computers but not necessarily with Prime computers. Users unfamiliar with FORTRAN 77 should see one of the many commercially available textbooks.

This guide describes the implementation and use of the FORTRAN 77 language (F77) on Prime computers. The book includes a complete description of the FORTRAN 77 language, including statement formats, data types, input/output, and functions and subroutines. The book also describes how to compile, link, execute, and optimize FORTRAN 77 programs on Prime computers. An appendix discusses converting FORTRAN IV (FTN) programs to FORTRAN 77.

DOC4029-5LA describes a new compiler option for floating-point rounding. The guide has been reorganized and rewritten for Release T1.0-21.0.

UPD4029-51A details the features added at Release T2.0-22.1: IMPLICIT NONE statement; and the –ALT RETURN, –MULTI_SEGMENT_PROCEDURES, and –BUFFERED IO compiler options.

FORTRAN

FORTRAN Reference Guide

FDR3057-101B   Rev. 17.2
COR3057-001   Rev. 18.1
COR3057-002   Rev. 19.0
UPD3057-33A   Rev. 19.4
UPD3057-34A   Rev. 21.0

For FORTRAN programmers who have some familiarity with interactive computers but not necessarily with Prime computers. Users unfamiliar with FORTRAN should see one of the many commercially available textbooks.

This guide describes the Prime implementation of, and extensions to, FORTRAN IV. It includes information on compiling, debugging, and optimizing programs, plus complete lists of compiler error messages.

COR3057-001, the first update package, describes compiler options, support of filename suffixes, and compiler error messages new at Rev. 18.1.

COR3057-002, the second update package, documents the extension of FORTRAN file unit numbers to MPC line printers.

UPD3057-33A, the third update package, explains how to load and run FORTRAN programs with BIND, the Prime linker.

UPD3057-34A, the fourth update package, describes Prime Extended Character Set (ECS) support and the change of the default mode from R-mode to V-mode.

Common LISP

PRIME Common LISP Language Reference Manual

MAN10119-1LA   Common LISP
                Release 1.0, Master
                Disk Rev. 20.2

For programmers already familiar with Common LISP. Users unfamiliar with Common LISP should see one of the many commercially available textbooks.

This manual describes the Prime implementation of Common LISP. Designed as a reference tool, it presents a comprehensive description and specification of the Common LISP language, including data types, functions, macros, special forms, and Prime extensions.

PRIME Common LISP Environmental Reference Manual

MAN10120-1LA   Common LISP
                Release 1.0, Master
                Disk Rev. 20.2

For Common LISP programmers familiar with interactive computers but not necessarily with Prime computers. Users unfamiliar with Common LISP should see one of the many commercially available textbooks.

This manual presents the fundamentals of PRIME Common LISP. Topics discussed include the Common LISP environment, the debugger, the foreign function interface, the LISP library interface, the compiler, the Flavor System for object-oriented programming, the Application Environment for running application programs, and the EMACS interface.

Pascal

Pascal Reference Guide

DOC4303-4LA   Rev. 21.0

For Pascal programmers who have some familiarity with interactive computers but not necessarily with Prime computers. Users unfamiliar with Pascal should see one of the many commercially available textbooks.

This guide describes the implementation and use of the Pascal language on Prime computers. It covers Pascal language elements, program structure, data types, I/O, and built-in functions. It includes information on compiling, linking, and running programs; on data formats; on Prime extensions to Pascal; and on interfacing Pascal with other Prime languages.

DOC4303-4LA describes two Rev. 21.0 features: INCLUDE$ search rules and the Prime Extended Character Set. It also describes changes made to bring Prime Pascal into full compliance with the ANSI and ISO Pascal standards.

Pascal Programmer's Companion

DOC7095-2XA   Rev. 21.0

For Pascal programmers who have some familiarity with interactive computers but not necessarily with Prime computers.

This document is a quick-reference summary of Prime Pascal at Rev. 21.0.

PL/I

PL/I Reference Guide

DOC5041-1LA   Rev. 19.4
UPD5041-11A   Release T1.0-21.0

For programmers who have some familiarity with high-level languages and interactive computers, but not necessarily with PL/I or Prime computers.

This book is a programmer's guide to the implementation and use of the PL/I language on Prime computers. It covers data types and attributes, storage management, program structure, input/output, condition handling, and built-in functions. It includes information on compiling, linking, and running programs; error messages; data formats; and a list of the Prime extensions to ANSI-standard PL/I and its differences from IBM PL/I.

UPD5041-11A describes Release T1.0-21.0 features: INCLUDE$ search rules; the Prime Extended Character Set; and the –STRINGSIZE compiler option.

PL/I Conversion Guide: IBM PL/I to Prime PL/I

DOC5769-1LA   Rev. 19.4

For experienced PL/I programmers who are familiar with IBM® PL/I but not with Prime PL/I.

This guide documents the potential problems in converting a computer program from IBM PL/I to Prime's implementation of ANSI-standard PL/I. It lists all IBM PL/I features that must be changed, along with instructions on how to transfer these features to Prime PL/I.

PL/I Subset G

PL/I Subset G Reference Guide

IDR4031   Rev. 17.2
PTU2600-075   Rev. 18.1
PTU2600-084   Rev. 19.0
UPD4031-13A   Rev. 19.4

For programmers with experience in PL/I (or some variant of that language). Experience in high-level language programming on an interactive computer is assumed.

This guide describes the Prime implementation of the PL/I Subset G language. It contains a complete description of the language as implemented – structure, data types, expressions, data type conversions, statements, and built-in functions. It also covers implementation-defined features, use of the condition mechanism, and the differences between PL/I Subset G and the full PL/I language.

PTU2600-075, the update package for Rev. 18.1, covers several features. These include support of the filename suffixes, built-in functions, compiler options, support for keyed sequential files (using MIDAS), and added conditions.

PTU2600-084, the update package for Rev. 19.0, describes added compiler functionality – added command-line options for maps and error listings, shortcall options, and large linesize I/O.

UPD4031-13A, the update package for Rev. 19.4, explains how to load and run PL/I Subset G programs with the Prime linker, BIND. It also documents added compiler options.

RPG II V-Mode

RPG II V-Mode Compiler Reference Guide

DOC5040-2LA	Rev. 20.0
UPD5040-21A	Rev. 21.0
UPD5040-22A	Release T1.0-21.0

For RPG II programmers. A general knowledge of programming high-level languages on interactive computers is assumed.

This guide documents the implementation of V-mode RPG II on Prime computers. It describes in detail compiling, linking, and executing RPG II programs. It gives complete coding specifications for all forms used by Prime RPG II. There are detailed discussions of interfaces to Prime's Multiple Index Data Access System (MIDAS) and Forms Management System (FORMS). The book also provides information on converting existing RPG II programs that are to be run on a Prime computer.

UPD5040-21A, the update for Rev. 21.0, describes the Prime Extended Character Set (ECS) and INCLUDE$ search rules used with /COPY and %INCLUDE statements.

UPD5040-22A, the update for Release T1.0-21.0, describes the –MAPWIDE and –MAXERRORS options and includes some corrections to the documentation.

Prime RPG II Debugging Template

IDR11001-2XA   Rev. 20.0

For RPG II programmers.

This template is designed for use with 10-pitch printout. It allows programmers to check that specifications are in the proper columns.

Personal Computers (50 Series)

This section describes publications for users of Prime® personal computers or software, including the following topics:

- PRIMELINK™
- Prime INFORMATION/pc™
- PRIMEWORD™ 2.0 Technical Reference Package
- PRIMEWORD 2.0 Personal Computer Package

PRIMELINK

Note: PRIMELINK documents cannot be ordered separately. They are available only with the software.

PRIMELINK User's Guide

DOC10053-3LA	Revision 3.0, May 1987
IDC10053-3LB	Revision 3.0 (French)
IDC10053-3LC	Revision 3.0 (German)
UPD10053-31A	Revision 3.0, December 1987

PRIMELINK on the PC

DOC10053-4LA	Revision 4.0, October 1989
IDC10053-4LB	Revision 4.0, June 1990 (French)
IDC10053-4LC	Revision 4.0, June 1990 (German)
DOC10053-5LA	Revision 4.1, September 1991 *

For all PRIMELINK users.

This book introduces the PRIMELINK communications program. PRIMELINK allows IBM® PC-compatible users to access a 50 Series™ host and transfer files between the PC and the host. The book describes the operation of the menu-driven interface, how to access the PRIMELINK virtual disk facility, and how to use the PT200™ terminal emulator.

PRIMELINK 3.0 provides features and options designed to make your interaction with PRIMOS® more efficient when you use your personal computer as a link to the host system. This revision includes the following: terminal emulator with full SNA support and color terminal emulation; keymapping; programmable function keys; an optional graphics terminal emulator; virtual print capability; and the optional PRIMELINK Data Access Software (PLDAS) facility, which allows you to transfer host-stored data directly into your Lotus® 1-2-3® software.

Revision 4.0 provides Ethernet® support, enhanced command language, multiple window and multiple host capability, a new PT250™ terminal emulator, and virtual printer support for PostScript® and graphics outputs.

Revision 4.1 provides Ethernet NDIS drivers that support many non-Prime controllers and allows PRIMELINK to run as a DOS application under Microsoft® Windows™ 3.0.

The PRIMELINK Data Access Software, graphics terminal emulator, and Ethernet options are documented in separate books.

PRIMELINK User's Guide (Macintosh Version)

DOC11004-2LA   Revision 3.1, November 1987

PRIMELINK on the Macintosh

DOC11004-3XA   Revision 4.0, October 1989

For users of PRIMELINK on Macintosh® computers.

This book describes the operation of the PRIMELINK communications program for the Macintosh family of products. The PRIMELINK commands, grouped in Macintosh-style menus, provide a simple interface between the Macintosh and the Prime host and offer these features to the Macintosh user: file transfer to and from the Prime host; printing Macintosh and host text files on Macintosh and host printers; emulation of PT200, PT250, SNA, and non-Prime terminals; direct or remote dial-in to the Prime host; macros, or SoftKeys, of terminal functions for PRIMOS, EMACS, UNIX®, and other utilities; usage of default and user-defined KeySets (collections of key mappings); ability to automate command sequences through the use of Script files; data logging facility; international character set emulation capability; and virtual disk utility. Two options, available on separately orderable diskettes, provide PT200 graphics and TEKTRONIX 4014™ graphics emulation capability and the ability to connect to Ethernet networks using the TCP/IP protocol.

PRIMELINK PC PT200 Graphics Option Guide

DOC12115-1LA   Revision 4.0, November 1989
IDC12115-1LB   Revision 4.0, February 1990 (French)
IDC12115-1LC   Revision 4.0, February 1990 (German)

For PRIMELINK PC users running graphics applications.

This guide provides information about installing and using the PT200 graphics emulator, which provides the same features as the PT200 Graphics Option Plus. The graphics emulator makes your PC function as a PT200 terminal emulating the TEKTRONIX 4014, a widely used monochrome graphics terminal.

PRIMELINK PC Ethernet Option Guide

DOC12114-1LA   Revision 4.0, November 1989
IDC12114-1LB   Revision 4.0, February 1990 (French)
IDC12114-1LC   Revision 4.0, February 1990 (German)
DOC12114-2LA   Revision 4.1, September 1991 *

For users of PRIMELINK PC in an Ethernet environment.

This guide describes how to install Ethernet software used with PRIMELINK for IBM and IBM-compatible PCs and how to link your PC to a 50 Series host via Ethernet.

PRIMELINK PC Data Access Software Option Guide

DOC12113-1LA   Revision 4.0, November 1989

For users of PRIMELINK PC transferring host-stored data directly into Lotus 1-2-3.

This guide introduces the PRIMELINK Data Access Software (PLDAS) facility used with the PRIMELINK product for IBM and IBM-compatible PCs. An appendix provides instructions for installing the host portion of PLDAS on a 50 Series host.

Prime INFORMATION/pc

Note: Prime INFORMATION/pc documents cannot be ordered separately. They are available only with the software.

Prime INFORMATION/pc Primer

MAN10051-1LA   Release 1.0
UPM10051-11A   Release 2.0

For Prime INFORMATION/pc users with little or no familiarity with data management systems.

Mainly tutorial, this manual provides an introduction to Prime INFORMATION/pc concepts, file creation, file management, report generation, and menus. The manual also contains several chapters on other features for those who become more familiar with the system.

Prime INFORMATION/pc User's Guide

MAN10052-1LA   Release 1.0
UPM10052-11A   Release 2.0

For experienced Prime INFORMATION users.

This guide provides a quick reference to the differences between Prime INFORMATION and Prime INFORMATION/pc.

Prime INFORMATION/pc Reference Manual Volume I (SIMPLE)

MAN10053-1LA   Release 1.0
MAN10053-2LA   Release 2.0

For users with little computing background. An acquaintance with Prime INFORMATION/pc is desirable but not required. New SIMPLE™ users should first read about the product in the Prime INFORMATION/pc Primer.

This manual is a reference guide to SIMPLE, the Prime menu-driven processor for setting up, updating, and managing a database, and for generating standard and custom reports.

Prime INFORMATION/pc Reference Manual Volume II (PERFORM)

MAN10054-1LA   Release 1.0
UPM10054-11A   Release 2.0

For Prime INFORMATION/pc users.

This manual provides detailed reference information about PERFORM™, the central command processor for the Prime INFORMATION/pc system. The manual introduces the user to the PERFORM command language, Prime INFORMATION/pc files, and the VOC file. It also describes general formats and uses for PERFORM commands and the PERFORM sentence stack.

Prime INFORMATION/pc Reference Manual Volume III (INFORM)

MAN10055-1LA   Release 1.0
UPM10055-11A   Release 2.0

For Prime INFORMATION/pc users.

This manual provides detailed reference information about INFORM™, the data manager, query language, and report generator of the Prime INFORMATION/pc system. Topics covered include ENTROC and dictionary concepts, the INFORM processor and how to communicate with INFORM, and general formats and uses for INFORM verbs and keywords.

Prime INFORMATION/pc Reference Manual Volume IV (INFO/BASIC, Editor, and Communications)

MAN10056-1LA   Release 1.0
UPM10056-11A   Release 2.0

For Prime INFORMATION/pc users.

This manual provides detailed reference information about several important parts of the Prime INFORMATION/pc system: INFO/BASIC™, the system's version of the BASIC language; Editor, the system's line editor; the system's communications facilities that allow transparent access to information stored on a remote minicomputer or mainframe; and the system's interactive Debugger that helps in debugging INFO/BASIC programs.

Prime INFORMATION/pc Communications Facilities Guide

DOC13072-1LA   Revision 2.3

For Prime INFORMATION/pc users.

This guide supplements the information contained in the *Prime INFORMATION/pc Reference Manual Volume IV*. It provides more details on the installation, efficient use, and implementation of the Alternate Filing System (AFS) and the Terminal Emulation facility. It also provides information about the configuration and use of Prime INFORMATION/pc with an Ethernet connection to the host system.

Prime INFORMATION/pc Pocket Reference Guide

MAN10050-1XA   Release 1.0

For experienced Prime INFORMATION/pc users.

This guide is a handy pocket-size reference for the commands, keywords, statements, menu options, and so on that are utilized by the five parts of the Prime INFORMATION/pc system: PERFORM, the central command processor; INFORM, the query language and report writer; INFO/BASIC, the Prime INFORMATION/pc database programming language; Editor, the system's line editor for creating INFO/BASIC programs, editing data/vocabulary records, and so on; and SIMPLE, the end-user interface and prototyping tool.

Prime INFORMATION/pc Release Notes

MAN10061-1LA   Release 1.0
RLN10225-11A   Release 2.0

For Prime INFORMATION/pc users with sufficient working knowledge of the MS-DOS®/PC-DOS™ operating system to move between accounts and disk drives, and to transfer data between them.

This release notes package provides a concise summary of the installation and use of Prime INFORMATION/pc. Topics covered include installing Prime INFORMATION/pc and SIMPLE; installing and using the terminal emulation and communications software; current restrictions; corrections to the documentation; and known problems.

PRIMEWORD 2.0 Technical Reference Package

The books in the PRIMEWORD technical reference documentation package must be purchased as a set, using the order number DCP10072 for Release 2.0, which runs on PRIMOS Master Disk Rev. 20.2 and DOS Rev. 2.0. The set includes two books, the *PRIMEWORD Device Manual* and the *PRIMEWORD Technical Reference Manual*, which are described below.

PRIMEWORD Device Manual

For System Administrators of the PRIMEWORD word processing system.

This manual contains technical information about supporting terminals, printers, and fonts with PRIMEWORD.

PRIMEWORD Technical Reference Manual

For System Administrators of the PRIMEWORD word processing system.

This manual contains a complete technical description of all PRIMEWORD functions.

PRIMEWORD 2.0 Personal Computer Package

The books in the PRIMEWORD personal computer documentation package must be purchased as a set, using the order number DCP10073 for Release 2.0, which runs on PRIMOS Master Disk Rev. 20.2 and DOS Rev. 2.0. The set includes three books, PRIMEWORD Function Key Labels, and Function Key Layout Cards for the PT200 PC, IBM PC/XT™, and IBM PC/AT®.

PRIMEWORD Your Personal Computer

For beginning word processor users. No background in programming, computer operations, or word processing is required.

This book explains how to install PRIMEWORD and provides instructions for installing printers and terminals.

Learning PRIMEWORD

For beginning word processor users. No background in programming, computer operations, or word processing is required.

This book contains lessons and practice exercises with step-by-step instructions designed to teach the beginner how to use various PRIMEWORD functions.

PRIMEWORD Reference Guide

For beginning word processor users. No background in programming, computer operations, or word processing is required.

This book contains an alphabetical listing of all PRIMEWORD functions, including step-by-step instructions for using each function. In addition, it explains PRIMEWORD error messages.

PRIMOS for Operators and Administrators

This section includes publications on the following topics for PRIMOS® operators and Administrators:

- Software Releases
- System Administration
- System Operations for New Operators
- System Operations – CPU Handbooks
- System Operations – Operator's Guides

Software Releases

Software Release Document

DOC10001-5PA	Rev. 22.0
DOC10001-6PA	Rev. 22.1
DOC10001-7PA	Rev. 23.0
DOC10001-8PA	Rev. 23.1
DOC10001-9PA	Rev. 23.2*
DOC13134-1PA	Rev. 23.3*

For people considering installation of a new revision, and people installing or using that revision. A familiarity with Prime® software across the entire product line is assumed for installers; users are assumed to be familiar with the products that interest them.

Prime software is issued in consecutively numbered releases called revisions. The *Software Release Documents* provide an overview of software enhancements made to all software products between releases. These books also list corrections for errors found in Prime technical documentation.

Each book describes changes made since the previous revision. The books are incremental; they are not cumulative in enhancements or corrections. Therefore, if you are moving from one revision to another, you will want release documents for all intervening releases. For example, if you are moving from Rev. 22.0 to Rev. 23.1, you would want release documents for 22.1, 23.0, and 23.1

Software Release Documents for Rev. 23.2 and subsequent revisions contain a master index to the Rev. 23.0 and subsequent *Software Release Documents.*

Rev. 23.0 Software Installation Guide

IDR10176-3XA   Rev. 23.0

For system operators and System Administrators.

This guide provides detailed step-by-step procedures for an initial or upgrade installation of PRIMOS Rev. 23.0 and subsequent revisions. The guide contains quick reference flowcharts and full examples to illustrate all facets of a basic nonchargeable and chargeable product software installation. Two appendices are included: a software upgrade planning guide, which contains a checklist of items for consideration in planning your software upgrade, and information on booting PRIMOS from either disk or tape.

Rev. 22.0 Software Installation Guide

IDR10176-2XA   Rev. 22.0

For system operators and System Administrators.

This guide provides detailed step-by-step procedures for an initial or upgrade installation of PRIMOS Rev. 22.0. The guide contains quick reference flowcharts and full examples to illustrate all facets of a basic nonchargeable and chargeable product software installation.

Translator Family Software Release Document

DOC10217-2PA   Release T2.0-22.1
DOC10217-3PA   Release T3.0-23.0

For people considering installation of a new release of the Translator Family, and people installing or using that release. A familiarity with Prime software across the entire product line is assumed for installers; users are assumed to be familiar with the products that interest them.

The Translator Family consists of a package of software upgrades that includes a number of selected Prime Translator products, libraries, and utilities. At each release, this book describes the changes made since the previous releases of the products and provides installation instructions for the updated products. It also includes instructions for changing compiler option defaults as well as some corrections to existing Translator Family product documentation.

System Administration

System Administrator's Guide – in three volumes

Volume I: System Configuration

DOC10131-2LA   Rev. 22.0
RLN10131-21A   Rev. 22.1
DOC10131-3LA   Rev. 23.0

Volume II: Communication Lines and Controllers

DOC10132-2LA   Rev. 22.0
RLN10132-21A   Rev. 22.1

Volume III: System Access and Security

DOC10133-2LA   Rev. 22.0
RLN10133-21A   Rev. 22.1
DOC10133-3LA   Rev. 23.0

For System Administrators working with Prime equipment. A general knowledge of computer room operations is strongly recommended. These books are not intended for use by general computer room operating personnel.

The *System Administrator's Guide* volumes provide commands, directives, techniques, strategy, and advice for the administration of a Prime system.

Note: For Rev. 23.0, you can use the order number DCP10168 to order the System Administrator Documentation Package. This package contains the latest editions of the *System Administrator's Guide* as well as the *DSM User's Guide* and the *Prime Networks Release Notes*. For Rev. 22.1, use DCP10109 to order the System Administrator Documentation Package, which includes the three volumes of the *System Administrator's Guide* as well as the *DSM User's Guide*. For Rev. 22.0, use DCP10085 to order the three volumes of the *System Administrator's Guide*.

Volume I: System Configuration deals with system configuration and with allocation of resources such as disk space and tape drives. At Rev. 23.0 this volume also explains how to plan your file system structure in the singly-rooted file system name space.

Volume II: Communication Lines and Controllers deals with the configuration of both synchronous and asynchronous communication lines and controllers.

Volume III: System Access and Security deals with security and safety (including C2-level security), provides guidelines for maintaining the equipment and environment, and explains how to add and look after users.

Operator's Master Index

DOC10110-3LA   Rev. 21.0
DOC10110-4LA   Rev. 22.0.1
DOC10110-5LA   Rev. 23.3 *

For system operators and System Administrators of Prime computers.

This master index contains entries for the *System Administrator's Guides* and for all the manuals that comprise the Operator's Guide series and the Prime CPU handbooks.

The fifth edition also includes entries for the Software Release Documents for Rev. 23.0, Rev. 23.1, Rev. 23.2, and Rev. 23.3.

RAS Guide for 50 Series System Administrators *

DOC13156-1LA   Rev. 23.3

For System Administrators of Prime computers. Users should have a good working knowledge of computer room operations.

This guide brings together information about Prime products and components introduced since Rev. 21.0 that increase system reliability, availability, and serviceability (RAS). Specifically, this manual concentrates upon those features that make up Automated System Recovery (ASR), which allows the Administrator to predetermine reboot procedures that are automatically initiated if the system halts. These features are CDD, FS_RECOVER, RECORD_TO_PATH, RFS, and SYSTEM_RECOVER. This document is intended to help the Administrator determine which RAS features are appropriate to implement on the local system.

Distributed Resource Monitor User's Guide

DOC10219-1LA   Release 1.0

For System and Network Administrators, and system operators.

This book is a guide and reference to three applications that enhance the facilities of the Prime Distributed System Management (DSM) product. The three applications, Dashboard, Threshold Monitor, and Programmed Action, provide comprehensive facilities for monitoring system and network resources, enabling an early response to any problems that might develop. Distributed Resource Monitor (DRM) also allows you to set up automatic responses to certain conditions, providing relief from many administrative tasks.

Using FS_RECOVER *

DOC13062-1LA	Rev. 21.0, Version 1.0
DOC13062-2LA	Rev. 21.0, Version 2.0
DOC13062-3LA	Rev. 21.0, Version 3.0
UPD13062-31A	Rev. 21.0-23.3, Version 4.0

For System Administrators working with Prime systems. A general knowledge of computer room operations and the PRIMOS file system is strongly recommended.

This book documents the FS_RECOVER utility. System Administrators use this utility to reduce the time for file system recovery after a system crash. The object of FS_RECOVER is to reduce the time to recover by eliminating the need to run FIX_DISK on partitions that do not need to have FIX_DISK run on them.

FS_RECOVER works in conjunction with AUTOPSY to analyze crash dumps and determine the integrity of the file system.

Version 4.0, documented in UPD13062-31A, works with PRIMOS Revs. 21.0 through 23.3.

DSM User's Guide

DOC10061-2LA	Rev. 22.0
DOC10061-3LA	Rev. 23.0

For System and Network Administrators, and system operators.

This guide is a reference to the Prime Distributed Systems Management (DSM) commands and utilities. This guide also provides information about DSM security, configuration, and operation.

DSM provides facilities for monitoring and controlling groups of machines on a Prime network. The facilities include remote access to the system console, a set of System Information and Metering (SIM) commands, and utilities for administering and controlling event logging.

PRIMAN User's Guide

DOC10157-2LA   Release 2.0

For system operators and System Administrators of Prime computers.

This guide describes how to use PRIMAN™ to monitor current activity on your Prime computer system and produce analytic reports that indicate how you can increase your system's productivity. It contains instructions for using the two components of PRIMAN: PRIMON, the Prime system monitor, and PRIMAN, the Prime system analyzer. It explains how to interpret PRIMAN reports, and suggests a strategy for producing reports that pinpoint a system's performance problems. The second edition describes the features added at Release 2.0: the playback capability, which displays a previously recorded PRIMON datafile of system activity; and the response time index, which provides a relative indication of system performance.

System Operations for New Operators

Using Your 4150

DOC10163-1LA   Rev. 21.0.2

For the nontechnical user in charge of a 4150™ or 4050™ computer.

This book provides useful guidelines for the successful daily operation of the 4150 and 4050 computer. The format is heavily illustrated and nontechnical. Readers are assumed to have no prior knowledge of computers or computer operations.

Topics covered include system startup and shutdown; backups; controlling printers and tape drives; system maintenance and troubleshooting; halt handling; and brief overviews of PRIMOS and special operator commands.

Release Notes for Using Your Prime 2250, Using Your 2455, Using Your 2755, and Using Your 4150

RLN10239-001   Rev. 22.0

For the nontechnical user in charge of a 2250™, 2350™, 2450™, 2455™, 2550™, 2655™, 2755™, 4050, or 4150 computer.

This release notes package contains four update packets, one for each of the four books listed in the release notes title. The packets update the books to Rev. 22.0.

System Operations – CPU Handbooks

At Rev. 20.0, the *System Operator's Guide, Volume I* was divided into individual handbooks for the various CPUs. A description of each handbook follows.

Prime 9950 Handbook

DOC8887-192L	Rev. 19.2
UPD8887-11A	Rev. 19.4
UPD8887-12A	Rev. 19.4.3

Prime 9955 Handbook

DOC8887-2LA	Rev. 20.0
UPD8887-21A	Rev. 20.0.2
UPD8887-22A	Rev. 21.0
UPD8887-23A	Rev. 22.0

For operators of the 9955II™, 9955™, 9950™, 9755™, 9750™, 9655™, or 9650™ computer.

The first edition of this book contains startup, shutdown, and error handling procedures for operators of the machines listed above. The book also includes general information dealing with the system components and software. There are appendices on the Diagnostic Processor (VCP), remote diagnostics, alternate bootstraps, and uninterruptible power supply.

The second edition reflects changes to the operating system at Rev. 20.0.

The updates at Rev. 19.4, Rev. 19.4.3, and Rev. 20.0.2 clarify copyright information for machines introduced at those revisions.

The update at Rev. 21.0 reflects changes to the operating system at that revision.

UPD8887-23A reflects changes to the operating system that affect system startup and handling halts and hangs at Rev. 22.0.

6350 Handbook

DOC10161-1LA	Rev. 20.2.3
UPD10161-11A	Rev. 21.0.0

For operators of the 6350™ computer.

6550 Handbook (Including the 6150 and 6350)

DOC10161-2LA	Rev. 21.0.3

For operators of the 6550™ or 6350 computer.

RLN10161-21A	Rev. 21.0.2
UPD10161-21A	Rev. 22.0

For operators of the 6550, 6350, or 6150™ computer.

RLN10161-22A	Rev. 22.0.3, Rev. 22.1.1

For operators of the 6650™, 6550, 6450™, 6350, or 6150 computer.

This book and various combinations of its update packages and release notes contain general information necessary for the operation of the computers listed for each release above. The information includes explanations of the System Status Panel and the supervisor terminal, as well as procedures for startups (both cold starts and warm starts), shutdowns, handling halts and hangs, and performing tape dumps. Two chapters on the Diagnostic Processor (VCP) explain its operation and all available VCP commands. Appendices discuss using alternative booting procedures (to recover from a system crash, for example), PRIMOS cold-start messages, Diagnostic Processor error and informative messages, enabling and performing remote diagnostics, and optional battery backup power supplies.

4150 Handbook (Including the 4050, 2850, and 2950)

DOC10162-1LA	Rev. 21.0.2

For operators of the 4150™ computer.

UPD10162-11A	Rev. 22.0

For operators of the 4150 or 4050™ computer.

DOC10162-2LA	Rev. 22.0.2

For operators of the 4150, 4050, or 2850 computer.

RLN10162-21A	Rev. 22.1

For operators of the 4150, 4050, 2850™, or 2950™ computer.

At Rev. 22.1, this book contains general information necessary for the operation of the 4150, 4050, 2850, and 2950 computers. The information includes explanations of the System Status Panel and the supervisor terminal, as well as procedures for startups (both cold starts and warm starts), shutdowns, handling halts and hangs, and performing tape dumps. Two chapters on the Diagnostic Processor (VCP) explain its operation and all available VCP commands. There are also appendices on using alternative booting procedures (to recover from a system crash, for example), PRIMOS cold-start messages, Diagnostic Processor error and informative messages, enabling and performing remote diagnostics, and optional battery backup power supplies.

4450 Handbook

DOC10227-1LA	Rev. 22.0

For operators of the 4450™ computer.

This book contains general information necessary for the operation of the 4450 computer, including explanations of the System Status Panel and the supervisor terminal, as well as procedures for startups (both cold starts and warm starts), shutdowns, handling halts and hangs, and performing tape dumps. Two chapters on the Diagnostic Processor explain its operation and its commands. Appendices discuss alternative booting procedures (such as booting from tape), PRIMOS cold-start messages, Diagnostic Processor messages, performing remote diagnostics, and support for an uninterruptible power supply.

5300 Family Handbook

DOC10356-1LA   Rev. 22.1.3
DOC10356-2LA   Rev. 22.1.4 *

For operators of 5300 family computers (5310™, 5320™, 5330™, 5340™, and 5370™).

This book contains general information necessary for the operation of the 5300 family of computers. The information includes explanations of the System Status Panel and the supervisor terminal, as well as procedures for startups (both cold starts and warm starts), shutdowns, handling halts and hangs, and performing tape dumps. Two chapters on the Maintenance Processor (VCP) explain its operation and all available VCP commands. Appendices discuss using alternative booting procedures (to recover from a system crash, for example), PRIMOS cold-start messages, Maintenance Processor error and informative messages, enabling and performing remote diagnostics, and uninterruptible power supply (UPS) support.

Release Note for 6250-bpi Tape Dump

RLN12005-1XA   Rev. 22.1

For operators of machines with 6250-bpi tape drives.

This release note package applies to all CPU handbooks. It describes how to perform tape dumps using 6250-bpi tape drives. This functionality was added to PRIMOS at Rev. 22.1. Systems which lack 6250-bpi tape drives may continue to perform 1600-bpi tape dumps.

System Operations – Operator's Guides

System Operator's Guides

This set consists of the following guides:

Operator's System Overview
Operator's Guide to System Monitoring
Operator's Guide to File System Maintenance
Operator's Guide to the Batch Subsystem
Operator's Guide to the Spooler Subsystem
Operator's Guide to System Commands
Operator's Guide to Data Backup and Recovery
Operator's Master Index

For system operators and System Administrators of Prime computers. These books assume some knowledge of how to start up and use a Prime computer.

This series of books covers the techniques and commands necessary to ensure the smooth functioning and operation of Prime computer systems, in order to facilitate the tasks of system users.

Note: To order the System Operator's Documentation Package for Rev. 23.0, which includes the Operator's Guides listed in this section as well as the *Operator's Guide to Prime Networks* (listed in the Communications section of this catalog), use order number DCP10169. For Rev. 22.1 use order number DCP10111. (DCP10111 also includes the *Data Backup and Recovery Guide*, the *Operator's Master Index* (fourth edition), and the *Operator's Guide to Prime Networks*.) To order the System Operator's Documentation Package for Rev. 22.0, use order number DCP10075.

Operator's System Overview

DOC9298-3LA   Rev. 22.0

For system operators of Prime computers. This book assumes some knowledge of how to start up and use a Prime computer.

This book provides general introductory information designed to serve as an overview of Prime software and hardware and of the other books in this series. The book discusses the Prime operating system, PRIMOS; the PRIMOS file system; the user community; system resources; and system monitoring.

Among the topics covered are the computer room environment; keeping a system logbook; using software event loggers to log information about the operation of the system; tasks involving the user community; and an explanation of available system resources. The book provides examples of the use of various PRIMOS commands to monitor system operation. Also included is information relating to the DSM system and network loggers and the operator responsibilities for system security, as well as examples of the DSM System Information and Metering commands.

The Rev. 22.0 edition includes an explanation of virtual memory. It also includes two appendices: the first lists system attributes and components alphabetically and the PRIMOS commands that display or modify them; the second is a glossary of terms used in the book.

Operator's Guide to System Monitoring

DOC9299-3LA   Rev. 21.0

For system operators and System Administrators of Prime computers.

This guide introduces new operators to both the concepts and the tools used for system monitoring. Chapter 1 reviews supervisor terminal messages and operator response to these messages. Chapter 2 covers four PRIMOS commands (STATUS, LIST_QUOTA, AVAIL, and USAGE) used to monitor the hardware and system events. Chapter 3 introduces the Prime Distributed Systems Management (DSM) and the DSM commands used to manage and display system event log files. Chapter 4 describes the System Information and Metering (SIM) commands that allow you to obtain information about the status and performance of a network of computer systems. Appendix A explains the PRINT_SYSLOG command, which the operator can use to read pre-Rev. 21.0 system log files.

Operator's Guide to File System Maintenance

DOC9300-4LA   Rev. 22.0
DOC9300-5LA   Rev. 22.1
UPD9300-51A   Rev. 23.0
DOC9300-6LA   Rev. 23.3 *

For system operators and System Administrators of Prime computers. This book assumes some knowledge of how to start up and use a Prime computer.

This book explains how to format and create disk partitions and repair file structures. It also describes how to determine and use physical device numbers for partitions and how to convert the format of a partition from one revision to another. In addition, this book discusses the concepts of the file system, using and assigning disks, robust partitions, dynamic badspot handling, mirroring partitions, and file system record allocation. Appendices explain the meaning of informational and error messages related to disk operations.

Operator's Guide to the Batch Subsystem

DOC9302-3LA   Rev. 21.0

For system operators, System Administrators, and/or Batch Administrators of Prime computers at installations where the Batch subsystem is used. Familiarity with the Batch subsystem, as described in the PRIMOS User's Guide, is desirable. Knowledge of the PRIMOS operating system and basic system commands is assumed.

This book shows how to monitor the status of the Batch subsystem, control the subsystem when operator intervention is needed, monitor and control users' Batch jobs, and detect and repair unexpected problems. System Administrators are shown how to configure PRIMOS and the Batch subsystem; how to set up Batch so that it can be used on the system; and how to designate one or more Batch Administrators to deal with the subsystem. Batch Administrators are given information that helps them make decisions and set up procedures that provide users with a smoothly functioning subsystem, enable operators to deal with the day-to-day running of the subsystem, and help operators and users resolve unexpected problems.

Operator's Guide to the Spooler Subsystem

DOC9303-3LA   Rev. 22.0
DOC9303-4LA   Rev. 23.0
DOC9303-5LA   Rev. 23.3 *

For system operators and Spool Administrators of Prime computers. This book assumes some knowledge of how to start up and use a Prime computer.

This book explains how to install, set up, and use the Spooler subsystem to control printers connected to a system or a network of systems. The book is intended to help operators and Administrators determine the printing needs of users and establish printing environments for each available printer on a system or in a network. The book also contains information to help Administrators establish and manage day-to-day printing operations and efficient use of printers.

Operator's Guide to System Commands

DOC9304-4LA   Rev. 22.0
UPD9304-41A   Rev. 22.1
DOC9304-5LA   Rev. 23.0
DOC9304-6LA   Rev. 23.3 *

For system operators and System Administrators of Prime computers. This book assumes some knowledge of how to start up and use a Prime computer.

This book summarizes the PRIMOS commands presented in the other books in this series. The commands are listed in alphabetical order and arranged in a dictionary format, with the command printed in red type at the top of the page for easy reference. The commands described in this book are generally used either by a system operator or at the supervisor terminal.

Operator's Guide to Data Backup and Recovery

DOC10324-1LA   Rev. 23.0
UPD10324-11A   Rev. 23.1
UPD10324-12A   Rev. 23.3 *

For users, system operators, and System Administrators. Knowledge of the PRIMOS operating system and basic system commands is assumed.

This book describes the features of the products MAGSAV, MAGRST, and PSR. It explains how to perform a logical save to tape and how to restore a logical tape save. It also describes how to create and use a boot tape, and gives details on indexing the contents of tapes saved using MAGSAV. The book explains how to perform a physical save to tape, and restore a physical tape save, using PSR, as well as how to perform physical copies between disks. Also included are the administration considerations of defining a backup strategy, and shutdown and startup procedures.

UPD10324-12A includes a message appendix.

Operator's Master Index

DOC10110-3LA   Rev. 21.0
DOC10110-4LA   Rev. 22.0.1
DOC10110-5LA   Rev. 23.3 *

For system operators and System Administrators of Prime computers.

This master index contains entries for the *System Administrator's Guides* and for all the manuals that comprise the Operator's Guide series and Prime CPU handbooks.

The fifth edition also includes entries for the *Software Release Documents* for Rev. 23.0, Rev. 23.1, Rev. 23.2, and Rev. 23.3.

PRIMOS for Programmers

This section describes publications on the following topics:

- BIND and EPFs
- Advanced Programming
- Subroutines
- SEG and LOAD
- Source Level Debugger

As of Rev. 22.1, PRIMOS® programmer's guides are available by order only. All guides may be ordered individually or in documentation packages. Use order number DCP10170 for Rev. 23.0 or DCP10112 for Rev. 22.1 to order the Programmer's Documentation Package, which includes the *Subroutines Reference* set, the *Programmer's Guide to BIND and EPFs*, and the *SEG and LOAD Reference Guide*. Use order number DCP10172 for Rev. 23.0 or DCP10114 for Rev. 22.1 to order the System Programmer's Documentation Package, which includes the *Advanced Programmer's Guide* set, the *System Architecture Reference Guide*, the *Instruction Sets Guide*, and the *Assembly Language Programmer's Guide*.

BIND and EPFs

Programmer's Guide to BIND and EPFs

DOC8691-1LA	Rev. 19.4
UPD8691-11A	Rev. 22.0
UPD8691-12A	Rev. 23.0

For all Prime® computer users who write programs in compiled, high-level languages (such as COBOL and FORTRAN) or in assembler (PMA), all of which require using a linker. It is assumed that readers can write and compile a program in a language supplied by Prime, and have read the PRIMOS User's Guide.

This guide introduces users to BIND, a linker introduced at Rev. 19.4, and Executable Program Formats (EPFs), the type of runfile generated by BIND. The book covers all the BIND options and subcommands, examines library EPFs, outlines appropriate programming practices when using BIND to generate EPFs, and discusses possible problems and solutions for dealing with them. Tutorials show how to use BIND in various ways to generate EPFs from compiled (or assembled programs, and how to execute such programs. Differences between BIND and its predecessors, SEG and LOAD, are examined, as are the differences between the dynamic runfiles generated by EPFs and the static runfiles generated by SEG and LOAD.

The book also describes those PRIMOS commands new at Rev. 19.4 that pertain to BIND, EPFs, or command environment information. Examples demonstrate how to use a few of these commands while building a program or dealing with a problem. Two appendices list error messages produced by BIND as well as those produced by PRIMOS when executing EPFs. A third appendix contains a glossary of terms used in this book.

The Rev. 22.0 update documents changes to BIND and EPFs since Rev. 19.4, including enhancements to the Search Rules facility, Map improvements, the BIND option SEARCH_RULE_VERIFY, and a discussion of the command EXPAND_SEARCH_RULES.

The Rev. 23.0 update provides new reference material about registered EPFs, which are EPFs maintained by PRIMOS in shared address space and stored in a special database. Most language and system libraries supplied by Prime are registered EPFs, but at Rev. 23.0, System Administrators and privileged users may register widely shared programs to increase program efficiency and to save space in the user's private address space.

Advanced Programming

Advanced Programmer's Guide – in four volumes

For users of Prime computers who write programs in compiled, high-level languages (such as PL/I and FORTRAN) or in Prime Macro Assembler (PMA), all of which require the use of a linker. This series assumes that readers know how to write, compile, link, and execute a program on a 50 Series™ computer. Portions of this series also assume that readers understand the 50 Series architecture, particularly the procedure call, virtual memory, shared memory, memory segmentation, and dynamic linking mechanisms. Prerequisites: PRIMOS User's Guide, Programmer's Guide to BIND and EPFs, and the Subroutines Reference series.

The *Advanced Programmer's Guide* is a series of books dealing in depth with system-level programming concepts. Most of the information pertains specifically to the 50 Series, although some topics apply to operating systems or computing systems in general.

Note: The four volumes of the *Advanced Programmer's Guide* for Rev. 23.0 and subsequent revisions can be ordered as a set as DCP10171; for Rev. 22.1 as DCP10113; and for Rev. 22.0 as DCP10070. To order the System Programmer's Documentation Package, which consists of the four volumes of the *Advanced Programmer's Guide*, as well as the *System Architecture Reference Guide*, the *Instruction Sets Guide*, and the *Assembly Language Programmer's Guide*, use DCP10172 for Rev. 23.0 or DCP10114 for Rev. 22.1.

Each volume of the Advanced Programmer's Guide series is described below.

Advanced Programmer's Guide: Appendices and Master Index

DOC10066-4LA   Rev. 23.0

This volume, formerly known as Volume 0, provides reference information for the other volumes of the Advanced Programmer's Guide series. This information is also useful for users of the Subroutines Reference series. The appendices provide an annotated numerical list of the standard PRIMOS error codes, and two alphabetical cross-reference listings of these codes (by message and by mnemonic). Also provided are lists of new features of recent PRIMOS revisions. This volume contains a master index to the four-volume Advanced Programmer's Guide series.

Advanced Programmer's Guide I: BIND and EPFs

DOC10055-2LA   Release T3.0-23.0

Volume I describes the different types of Executable Program Formats (EPFs) that contain executable program code. This book has been completely rewritten at Rev. 23.0 to describe in detail the EPF mechanism for creating, mapping, examining, and sharing the four types of EPFs: dynamic program EPFs, dynamic library EPFs, registered program EPFs, and registered library EPFs. (Registered EPFs are an added feature at Rev. 23.0.) It describes the BIND linker used to create EPFs and the EDIT_BINARY binary file editor. Appendices describe special considerations for programming in PMA and using static-mode applications. Also included are a list of registered EPFs supplied by Prime and information about other binary file editors.

Advanced Programmer's Guide II: File System

DOC10056-3LA   Rev. 23.0

Volume II deals with the PRIMOS file system. It assumes that readers wish to use the lower-level PRIMOS subroutines to access files rather than the higher-level constructs available in languages such as PL/I and FORTRAN. Two chapters introduce file system concepts in general and as they pertain to Prime systems. Two chapters deal with the storage and retrieval of information: one assumes the information is in line-oriented format; the other addresses more general collections of data in records or structures. A chapter describes search rules, a Rev. 21.0 feature, which permit users to locate file system objects using a partial pathname by searching user-specified lists of directories. Other chapters describe in detail attach points, file attributes, Access Control Lists (ACLs), interprocess communication, and disk quotas.

Rev. 23.0 material documents the advent of the common file system name space, which introduces the root directory to the PRIMOS file system. All disk partitions on a specified collection of machines are visible to every machine in that collection, so that referencing a file system object is no longer limited by that object's physical location. This book describes changes to the PRIMOS file system and discusses some of their implications. It also documents the new and changed file system subroutines that accommodate the common file system name space.

Advanced Programmer's Guide III: Command Environment

DOC10057-2LA   Release T3.0-23.0

Volume III describes the PRIMOS command environment. An introductory chapter acquaints readers with command environment concepts and terminology. The second chapter describes command-line processing features. Subsequent chapters describe how to write a program that can be called from the PRIMOS command environment or from another user program. Calling a routine as a program, command, or function is described in detail, as are the subroutines used for calling a program from another program. Subroutines for the step-by-step mapping, allocation, and execution of a called program are also discussed. This volume specifies how to use the command-line processor stack to suspend, cancel, or restart an executing program and to analyze a program failure. A chapter describes the recursive command environment and static resources. Appendices detail some of the internal routines that process a command line and the errors returned when you exceed command environment limits.

Subroutines

Subroutines Reference – in five volumes

For applications and systems programmers who call subroutines from programs written in PMA or a high-level programming language.

The Subroutines Reference series consists of five volumes. These volumes are organized by the functions that the subroutines perform. Each volume contains an index by name and an index by function to all of the subroutines in the five-volume set. (Prior to Rev. 22.0, these books were titled *Subroutines Reference Guide, Volumes I, II, III,* and *IV.*)

Note: You can order a complete set of the *Subroutines Reference* with all necessary updates by using a DCP number. Order the set appropriate for your operating system revision: for Rev. 23.0 and subsequent revisions, DCP10159; for Rev. 22.1, DCP10115; for Rev. 22.0, DCP10068. To receive a complete set of the *Subroutines Reference* as well as the *SEG and LOAD Reference Guide* and the *Programmer's Guide to BIND and EPFs* at Rev. 22.1, order the Programmer's Documentation Package, DCP10112.

Each volume of the Subroutines Reference series is described below.

Subroutines Reference I: Using Subroutines

DOC10080-2LA   Rev. 21.0
UPD10080-21A   Rev. 23.0

This book introduces the Subroutines Reference series, discusses subroutine libraries, and describes how subroutines can be called from BASIC/VM, C, COBOL, FORTRAN, FORTRAN 77, Pascal, PL/I, and PMA.

Subroutines Reference II: File System

DOC10081-2LA   Rev. 23.0

This book describes all file system subroutines. These include subroutines for access control, attaching, manipulating file system entities, and EPF management, as well as subroutines related to the command environment and the PRIMOS Search Rules facility.

Subroutines Reference III: Operating System

DOC10082-2LA   Rev. 23.0

This book describes PRIMOS system subroutines. These include routines that are either embedded in PRIMOS or contained in a Prime standard EPF library or system binary library. They include core operating system services, user information subroutines, and system status and metering routines. This volume also includes routines for user terminal input, output, and control (including the ECL facility), memory allocation, and program control. Conversion routines for numbers and dates are described, as are subroutines controlling the condition mechanism, semaphores and timers, and the PRIMOS message facility. (Other subroutines for timers and message exchange are found in Volume V.)

Subroutines Reference IV: Libraries and I/O

DOC10083-2LA   Rev. 23.0

This book describes the Input/Output Control System (IOCS) libraries and other I/O-related subroutines. These include procedures for accessing any peripheral device. (Terminal I/O control subroutines, however, are described in Volume III. This volume also describes the Application libraries, the Sort libraries, and the FORTRAN Matrix library. Descriptions of SMLC and AMLC subroutines, which make assignments to synchronous and asynchronous multiline controllers, are provided as well. Finally, this volume describes CONFIG_USERS, which at Rev. 23.0 replaces EDIT_PROFILE, providing the basic operations of user administration.

Subroutines Reference V: Event Synchronization

DOC10213-1LA   Rev. 22.0
UPD10213-11A   Rev. 23.0

This book describes PRIMOS subroutines for event synchronization. It describes the subroutines used by a process to create and use its own event synchronizers, to group event synchronizers into event groups, and to monitor the status of these synchronizers and groups. This volume also includes routines used for two applications of event synchronizers. It describes event timers that notify an event synchronizer after a user-specified time interval. This book also describes the InterServer Communications (ISC) facility that provides for two-way message exchange between concurrently running processes, either locally or across the PRIMENET™ network. ISC uses event synchronizers to coordinate message exchange between processes.

SEG and LOAD

SEG and LOAD Reference Guide

DOC3524-192L   Revs. 18.1 to 19.2

For programmers who need more information about loaders than is provided in the PRIMOS User's Guide *and the* Language Reference *guides.*

This guide is a complete rewrite of the SEG portion of the earlier *LOAD and SEG Reference Guide*, with updated examples and step-by-step instructions for some of the more common uses of SEG. It also documents LOAD, the Prime R-mode linking loader.

This book is intended to be used with both Rev. 18 and Rev. 19 operating systems. Rev. 19 extensions to SEG are clearly identified.

Source Level Debugger

Source Level Debugger User's Guide

DOC4033-193L   IPR 1.0-19.1, Rev. 19.2
UPD4033-21A   Rev. 19.4
UPD4033-22A   Rev. 20.2

For applications and systems programmers.

This guide describes debugging support for seven high-level languages – FORTRAN, FORTRAN 77, Pascal, PL/I Subset G, COBOL 74, RPG II V-mode, and C. The book also documents Debugger features through Rev. 19.2, plus the features included in Independent Product Release (IPR) 1.0-19.1. Seven added appendices give sample debugging sessions for each language, and many added Debugger features are illustrated. There is significantly more introductory material, as well as chapters on macros, a command summary, and a glossary of terms. The book contains extensive examples.

UPD4033-21A, the update package for Rev. 19.4, explains how to use the Debugger with BIND, the added Prime linker.

UPD4033-22A, the update package for Rev. 20.2, discusses advanced techniques including how to debug EPF command functions and libraries and how to debug screen-oriented applications.

Source Level Debugger Programmer's Companion

DOC8916-1XA   Rev. 19.3

For applications and systems programmers.

This is a pocket guide for Releases 1.0-19.3 and higher of the Source Level Debugger, and replaces those parts of the *Loading and Debugging Programmer's Companion* that concern the Debugger.

PRIMOS for Users

This section includes publications on the following topics:

- Release Documents
- Introduction to PRIMOS® and Prime® Computers
- PRIMOS Commands
- Command Procedure Language (CPL)
- Magnetic Tape Utilities

Release Documents

PRIMOS User's Release Document

DOC10316-1PA   Rev. 23.0

For all users of 50 Series™ computers.

This book describes the changes and additions to the PRIMOS file system at Rev. 23.0. Among these changes are new features such as a singly-rooted file system structure and new PRIMOS commands.

Software Release Document

DOC10001-5PA	Rev. 22.0
DOC10001-6PA	Rev. 22.1
DOC10001-7PA	Rev. 23.0
DOC10001-8PA	Rev. 23.1
DOC10001-9PA	Rev. 23.2 *
DOC13134-1PA	Rev. 23.3 *

For people considering installation of a new revision, and people installing or using that revision. Familiarity with Prime software across the entire product line is assumed for installers; users are assumed to be familiar with the products that interest them.

Prime software is issued in consecutively numbered releases called revisions. The *Software Release Documents* provide an overview of software enhancements made to all software products between releases. These books also list corrections for errors found in Prime technical documentation.

Each book describes changes made since the previous revision. The books are incremental; they are not cumulative in enhancements or corrections. Therefore, if you are moving from one revision to another, you will want release documents for all intervening releases. For example, if you are moving from Rev. 22.0 to Rev. 23.1, you would want release documents for 22.1, 23.0, and 23.1

Software Release Documents for Rev. 23.2 and subsequent revisions contain a master index to the Rev. 23.0 and subsequent *Software Release Documents*.

Introduction to PRIMOS and Prime Computers

Introduction to PRIMOS

DOC10111-1XA   Rev. 20.2
IDC10111-1XB   Rev. 20.2 (French)

For new computer users or those users new to the PRIMOS operating system.

This book introduces the new user to the Prime operating system: PRIMOS. In primer form, it teaches the basic steps for getting started on Prime computers: how to log in, the basic structure of the file system, how to create directories and files, and how to use some of the basic commands. This book should be read before the *PRIMOS User's Guide*, if users prefer a more elementary approach than is provided by that book.

PRIMOS User's Guide

DOC4130-5LA   Rev. 22.0

For all users of 50 Series computers. This book assumes no familiarity with Prime hardware or software. The material on programming assumes some familiarity with a high-level language.

This guide provides new users with an intermediate-level introduction to PRIMOS, the 50 Series operating system. It includes extensive information on the file system and file protection, the ED text editor, high-level language programming, and system facilities. The programming section describes the BIND linker and EPFs and includes information on compiling, linking, running, and debugging programs. System facilities discussed include command files, CPL, phantom and Batch job processing, file and tape handling utilities, and Prime networking. Also described are enhancements to the Batch subsystem and to the SPOOL and FTR commands, the Date/Time Created and Date/Time Accessed file attributes, and use of the X and O access rights.

The book is tutorial in format, showing you step-by-step how to use each feature. Cross-references tell you where to find more information on each subject. Updates reflect each major revision of the software.

The book has been substantially revised at Rev. 22.0 for clarity and ease of use and includes an additional chapter describing ECL, the command-line editor.

New PRIMOS Help

DOC20012-1PA   Rev. 23.0

For all users of PRIMOS, and for Administrators who are interested in configuring, creating, or modifying Help databases in PRIMOS.

New PRIMOS Help is a hypertext utility for obtaining online assistance for PRIMOS commands and other subsystems. This book introduces the Help utility and describes how to use it to obtain online assistance through a series of menus or through a command line. It also explains how to create your own files and databases for viewing with the Help system software.

Security Features User's Guide

DOC10130-1LA   Rev. 21.0
UPD10130-11A   Rev. 22.0

For all users of Prime computers.

This guide describes the security features of the Prime operating system (PRIMOS). It describes login and logout security features and gives detailed information on PRIMOS file system security features, called Access Control Lists (ACLs). Although these features are available to all users of Prime computers, they are particularly important for those users who work in a secure-system environment.

UPD10130-11A updates the book to Rev. 22.0. Included are three features: count of failed logins; computer-generated passwords; and forced expiration of passwords.

PRIMOS Commands

PRIMOS Commands Reference Guide

DOC3108-8LA   Rev. 23.3 *

For all users of Prime computers. Readers are assumed to have a general knowledge of the system and to have read the PRIMOS User's Guide.

This is a dictionary of all commands and command functions recognized by the Prime operating system, PRIMOS, that are available to the user or programmer. This book picks up where the *PRIMOS User's Guide* leaves off, providing detailed descriptions of the command syntax and usage of PRIMOS user commands. The book includes two chapters on the PRIMOS command line. The first chapter describes various features you can use on the command line, such as wildcards, iteration lists, and name generation. The second chapter describes command-line processing. A chapter about the use of the PRIMOS command-line editor, ECL, is also included. This book is revised to reflect software changes at each major revision.

DOC3108-8LA describes new and enhanced commands for the general user and programmer introduced after Rev. 22.1. It reflects the changes made to commands and command functions to support the singly-rooted file system introduced at Rev 23.0.

Command Procedure Language (CPL)

CPL User's Guide

DOC4302-3LA   Rev. 21.0

For any user of Prime systems who wants to use Command Procedure Language. A general knowledge of the system (such as that gained from the PRIMOS User's Guide) is assumed. A knowledge of high-level programming concepts is helpful for using advanced features of the language; it is not needed for using the basic features.

This book is both a tutorial and a reference guide to CPL. CPL is a powerful and flexible tool for program development. Using CPL, you can execute sequences of programs, issue PRIMOS commands, and invoke CPL function calls to perform specific operations. The CPL language includes directives for controlling decision making, branching, and looping. It also has sophisticated features for the transfer of local and global argument values.

Features for Rev. 21.0 include function calls that support PRIMOS search rules and serialization functions that return information about Prime software. Revised and expanded for Rev. 21.0, this book presents CPL in three parts, beginning with a basic subset that permits nonprogrammers to create working CPL programs and ending with a full subset that provides sophisticated programming features for experienced programmers.

CPL Programmer's Companion

FDR7811-193   Rev. 19.3

For any user of Prime systems who wants to use the Prime Command Procedure Language.

This pocket guide provides a summary of CPL directives, command functions, terminology, and syntax rules. It also provides summary information on the use of variables, CPL-related commands, and CPL-related subroutines.

Magnetic Tape Utilities

MAGNET User's Guide

DOC10156-1LA   Rev. 21.0
UPD10156-11A   Rev. 22.0

For new or experienced MAGNET users; and for new or experienced users of magnetic tapes.

This guide explains how to use the MAGNET utility to transfer data by magnetic tape from other vendors' operating systems to PRIMOS, and vice versa. It also explains how to control tape drives with the ASSIGN, UNASSIGN, and STATUS commands, and how to initialize tapes with the LABEL command. Appendices provide the following: information about the formats of records and labels on ANSI and IBM® tapes; ASCII, EBCDIC, and BCD character set tables; and MAGNET translation tables.

UPD10156-11A describes enhancements to the MAGNET utility and LABEL command resulting from the introduction of the Prime Extended Character Set (ECS).

Operator's Guide to Data Backup and Recovery

DOC10324-1LA   Rev. 23.0
UPD10324-11A   Rev. 23.1
UPD10324-12A   Rev. 23.3 *

For users, system operators, and System Administrators. Knowledge of the PRIMOS operating system and basic system commands is assumed.

This book supercedes the *Data Backup and Recovery Guide*. It describes the features of the products MAGSAV, MAGRST, and PSR. It explains how to perform a logical save to tape and how to restore a logical tape save. It also describes how to create and use a boot tape, and gives details on indexing the contents of tapes saved using MAGSAV. The book explains how to perform a physical save to tape, and restore a physical tape save, using PSR, as well as how to perform physical copies between disks. Also included are the administration considerations of defining a backup strategy, and shutdown and startup procedures.

UPD10324-12A includes a message appendix.

Terminals, Peripherals, and Site Preparation

This section describes documentation on Prime® terminals and peripheral equipment. It also describes the documentation for the planning and preparation for installing Prime equipment. Topics covered include the following:

- PT300™ Terminal
- PT250™ Terminal
- Device Modules
- Tape Drives
- Site Preparation

PT300 Terminal

PT300 Setup Guide *

MAN13114-1LA   November 1991
MAN13114-1LB   November 1991
               (French)
MAN13114-1LC   November 1991
               (German)

For all users of the PT300 terminal.

This guide describes how to set up and use the PT300 terminal. Chapter 1 provides basic information concerning unpacking and installing the terminal as well as a description of the various keys. Chapter 2 provides more detailed information about configuring the terminal, which requires you to enter Setup mode and then use various keyboard keys to specify and select parameters. Chapter 3 and the appendices provide detailed reference information.

PT250 Terminal

PT250 Installation Instructions

IDR11071-1XA   August 1987

For users installing PT250 terminals.

This single sheet of instructions describes the installation procedure for the PT250 terminal. Little or no experience is required to install the terminal, although the site must be prepared, with the correct host data lines run, before installation.

PT250 Programmer's Guide

DOC11069-1XA   August 1987
DOC11069-2XA   June 1988

For programmers using the PT250 terminal.

This book is a reference guide for programmers developing applications for the PT250 terminal. It describes the special features of the PT250 and shows how a program communicates when the terminal is in Block mode. In addition to the ANSI-standard features, the range of features that tailor the PT250 to PRIMOS®, the 50 Series™ operating system, includes: Character and Block operating modes, programmable visual and logical attributes, modes that change terminal characteristics dynamically, configurable display memory and programmable cursor movement, standard and alternate character sets, and line-drawing and block graphics.

PT250 User's Guide

DOC11070-1XA   August 1987
DOC11070-2XA   November 1988

For users of the PT250 terminal.

This document introduces the PT250 terminal. It is a highly interactive document providing some basic exercises to acquaint a new user with the terminal and standard keyboard. It also includes specific key definitions and additional reference material suited for more experienced terminal users.

In November 1988, DOC11070-1XA and IDC11070-1XU were merged to produce DOC11070-2XA for use in both the U.S. and the U.K.

Device Modules

Disk Replacement Procedure for Model 75500-6PK Device Modules *

IDR13100-1XA   Rev. 23.2

For operators and System Administrators of 50 Series systems who have first viewed the PrimeService[SM] video that demonstrates the disk replacement procedure described in this document.

This document contains the step-by-step procedure that must be performed to replace a defective or damaged disk drive within a Model 75500-6PK device module. Customers must first view the PrimeService video before replacing a disk drive using the procedure described in this document.

Tape Drives

The following three titles are three editions of the same book. Select the appropriate edition for your site.

Using Your 4595 8mm Cartridge Tape Drive

DOC10275-1LA   March 1989

For people operating or programming a 4595 cartridge tape drive.

This book provides instructions and guidelines for operating the Model 4595 cartridge tape drive and includes information on hardware operations, software operations, maintenance, and programming.

Using Your 4595, 4596, or 4598 8mm Cartridge Tape Drive *

DOC10275-2LA   August 1991

For people operating or programming a 4595, 4596, or 4598 cartridge tape drive.

This book updates the previous edition with information about the Model 4596 and 4598 cartridge tape drives.

Prime 8mm Cartridge Tape Drive User's Guide *

DOC10275-3LA   March 1992

For people operating or programming any Prime 8mm cartridge tape drive.

This book updates the previous edition with information about the Model 4601 cartridge tape drive. Added information about tape drive maintenance and cartridge tape handling procedures is also included.

Site Preparation

**Preparing Your Site for a
Prime/Computervision Computer**

SMN1050   December 1990

*For customers who have purchased
50 Series or PRIME EXL™ computers.*

This book describes site preparation for
50 Series and PRIME EXL computers.
Site selection is discussed. Requirements
and recommendations governing the
environment and electrical system for the
computer are also covered.

Word Processing, Text Editors, and Formatters (50 Series)

This section describes documentation for the following products:

- PRIMEWORD™
- EMACS
- ED (EDITOR) and RUNOFF

PRIMEWORD 3.0 and 2.0 Technical Reference Package

The books in the PRIMEWORD technical reference documentation package must be purchased as a set, using the order number DCP10196 for Release 3.0 or DCP10072 for Release 2.0, which runs on PRIMOS® Master Disk Rev. 20.2 and DOS Rev. 2.0. The set includes two books, the *PRIMEWORD Device Manual* and the *PRIMEWORD Technical Reference Manual*, which are described below.

PRIMEWORD Device Manual

For System Administrators of the PRIMEWORD word processing system.

This manual contains technical information about supporting terminals, printers, and fonts with PRIMEWORD.

PRIMEWORD Technical Reference Manual

For System Administrators of the PRIMEWORD word processing system.

This manual contains a complete technical description of all PRIMEWORD functions.

PRIMEWORD 3.0 and 2.0 Host Documentation Package

The books in the PRIMEWORD host documentation package must be purchased as a set, using the order number DCP10195 for Release 3.0 or DCP10074 for Release 2.0, which runs on PRIMOS Master Disk Rev. 20.2 and DOS Rev. 2.0. The set includes four books, PRIMEWORD Function Key Labels, and Keystroke Reference Cards for the PT200™/PT250™ and the PST 100™ terminals.

PRIMEWORD Your Computer

For beginning word processor users. No background in programming, computer operations, or word processing is required.

This book explains how to install PRIMEWORD and provides instructions for installing printers and terminals.

Learning PRIMEWORD

For beginning word processor users. No background in programming, computer operations, or word processing is required.

This book contains lessons and practice exercises with step-by-step instructions designed to teach the beginner how to use various PRIMEWORD functions.

PRIMEWORD Reference Guide

For beginning word processor users. No background in programming, computer operations, or word processing is required.

This giude contains an alphabetical listing of all PRIMEWORD functions, including step-by-step instructions for using each function. In addition, it explains PRIMEWORD error messages.

Guide to PRIMEWORD and Prime ORACLE Integration

For beginning word processor users with little or no ORACLE® experience, as well as for experienced ORACLE users. No background in programming, computer operations, or word processing is required.

This guide explains how to use Prime® ORACLE under PRIMEWORD. It includes a complete description of each integration function and a step-by-step tutorial designed to show the beginner how to use the basic functions. In addition, it provides an installation section meant for users with a technical background.

EMACS

EMACS Primer

IDR6107   Rev. 18.3

For the nontechnical user whose primary job may be text entry.

This book presents a basic subset of EMACS in tutorial fashion.

EMACS Quick Reference Card

IDR5026-1RA

For all users of the EMACS screen editor.

This card provides a listing of the key bindings for commonly used EMACS commands.

EMACS Standard User Interface Guide

DOC7446-2LA   Rev. 19.4.5

For people with no prior knowledge of computers or screen editors.

This book is a guide to the use of the Standard User Interface (SUI), the easiest-to-learn version of the Prime EMACS screen editor. It describes the use of all SUI functions, which the user may try out with the two tutorial lessons in the book.

DOC7446-2LA contains illustrations of the EMACS SUI templates for the PT200, PST 100, and PT45™ terminals. It also provides detailed instructions for using the EMACS SUI function keys that appear on the PT200 template.

EMACS Reference Guide

DOC5026-2LA   Rev. 21.0

For all users of EMACS. Prerequisite: EMACS Primer.

This guide describes the EMACS editor, which is an extremely powerful and flexible screen-oriented editor. EMACS functions range from simple cursor movement to new command definition.

DOC5026-2LA is a reorganized, corrected, and expanded version of the previous edition. Its central focus is a dictionary chapter that provides detailed information about all current EMACS commands. Also included are an introduction to using EMACS, a chapter on the EMACS online help facility, a how-to chapter on speed-type, and a chapter on creating a customized library file. The book explains how a user can access EMACS from another vendor's terminal by constructing a TERMCAP entry. A chapter on Language Modes explains how to use EMACS to enter programs in the correct formats in several programming languages. The book also contains a list of commands and keybindings arranged by functional category with a detailed discussion of how each function works in EMACS. The appendices contain a list of all of the EMACS commands arranged alphabetically by keybinding, and a discussion of the Prime Extended Character Set (ECS).

EMACS Extension Writing Guide

DOC5025-2LA   Rev. 19.4

For a sophisticated EMACS user who is also a programmer. Prerequisite: EMACS Reference Guide.

This guide explains the fundamental concepts used in creating extensions to EMACS. EMACS extensions permit users to add new commands to EMACS, enhancing or customizing their environment. This book describes EMACS functions, which are useful in creating extensions. The book also contains an enhanced index and describes Rev. 19.4 features.

ED (EDITOR) and RUNOFF

New User's Guide to EDITOR and RUNOFF

FDR3104-101B   Rev. 19.0

For all users of Prime equipment who want to be able to enter, edit, and format text files, programs, and so on. No previous knowledge of computers is required.

This guide provides both tutorial and reference information for ED (the standard Prime text editor) and RUNOFF (the text formatter). It has an introduction for the nontechnical user: two introductory chapters explain the basics of using the system to someone who may never have used a computer before and whose primary job is text entry and formatting. This guide includes information on security features in PRIMOS and on easy methods for moving and copying files.

Publications for Earlier Releases

Publications for Earlier Releases

In addition to the publications described in the body of this catalog, the publications for earlier releases that are listed below are still available in limited quantities. Some earlier editions were published in both loose-leaf and perfect-bound versions. Prime encourages the ordering of the loose-leaf version for ease of use with update pages. For those users who prefer a perfect-bound copy, document numbers for the perfect-bound versions are given below.

PRIME EXL 7000 Series

RISC/os Update to the System Reference Manual Set, RLN20019-11A , RISC/os 4.51

X Window System Installation and Setup Guide, DOC13059-1PA, X Window System Version 11 Release 4

PRIME EXL 300 Series

ANIMATOR Operating Guide, MAN11165-1LA, PRIME EXL Revision 5.3.0, Version 3 or later

ARCserve, v3.0, for PRIME EXL Portable NetWare Guides, v3.01, DCP10166, PRIME EXL Revision 5.3.1

Building Reports With SQL*ReportWriter, MAN20008-1PA, Version 1.1

C Reference Manual, MAN10200-1LA, PRIME EXL Revision 5.3.0, Version 2

Conversion Guides, MAN11167-1LA, PRIME EXL Revision 5.3.0, Version 3 or later

Debugger Reference Manual, MAN10199-1LA, PRIME EXL Revision 5.3.0, Version 2

EXLNET TCP/IP Network Administrator's Guide, MAN11279-1LA, Revision 1.0

EXLNET TCP/IP Network Administrator's Guide, MAN11279-2LA, Revision 2.40

EXLNET TCP/IP Reference Manual, MAN11282-1LA, Revision 1.0 or later

EXLNET TCP/IP Release Notes, MAN11280-1LA, Revision 1.0

EXLNET TCP/IP Socket Programmer's Guide, MAN11281-1LA, Revision 1.0 or later

EXLNET TCP/IP User's Guide, MAN11283-1LA, Revision 1.0 or later

EXLNET X.25 EXLPAD User's Guide, DOC11300-1LA, Revision 1.0

EXLNET X.25 Network Administrator's Guide, DOC11304-1LA, Revision 1.0

EXLNET X.25 Network Programmer's Guide, DOC11302-1LA, Revision 1.0

EXLNET X.25 Reference Manual, MAN11301-1LA, Revision 1.0

FORMS-2 Utility Manual, MAN11171-1LA, PRIME EXL Revision 5.3.0, Version 3 or later

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GKS Development Installation Guide for the PRIME EXL Computer, IDR11074-1XA, PRIME EXL Revision 5.3.0, Version 2

GKS Reference Manual: C Binding, MAN10044-1LA, PRIME EXL Revision 5.3.0, Version 2

GKS Reference Manual: C Binding, UPM10044-11A, PRIME EXL Revision 5.3.0, Version 2

GKS Reference Manual: FORTRAN 77 Binding, MAN10045-1LA, PRIME EXL Revision 5.3.0, Version 2

GKS Runtime Installation Guide for the PRIME EXL Computer, IDR11077-1XA, PRIME EXL Revision 5.3.0, Version 2

GKS User's Guide, MAN10043-1LA, PRIME EXL Revision 5.3.0, Version 2

GKS User's Guide, UPM10043-11A, PRIME EXL Revision 5.3.0, Version 2

Learning PRIMEWORD, MAN11009-2XA, PRIMEWORD Release 2.0, PRIME EXL Revision 5.3.0

LU 0123 Application Programming Interface User's Guide, MAN11240-1LA, PRIME EXL Revision 5.3.1

LU 0123 Application Programming Interface User's Guide, RLN11240-11A, PRIME EXL Revision 5.3.1

Merge 386 Administrator's Manual, MAN11067-2LA, PRIME EXL Revision 5.3.1

PRIME EXL 300 Series *(continued)*

Merge 386 Release Notes for the PRIME EXL Series, MAN11274-1LA, PRIME EXL Revision 5.3.1

Merge 386 User's Manual, MAN11068-2LA, PRIME EXL Revision 5.3.1

Micro Focus COBOL/2 Operating Guide, MAN11172-1LA, PRIME EXL Revision 5.3.0, Version 3 or later

Micro Focus COBOL/2 Pocket Guide, MAN11164-1XA, PRIME EXL Revision 5.3.0, Version 3 or later

Micro Focus Release Notes for ANIMATOR, IDR11227-1XA, PRIME EXL Revision 5.3.0, Version 3 or later

Micro Focus Release Notes for FORMS-2, IDR11228-1XA, PRIME EXL Revision 5.3.0, Version 3 or later

Micro Focus Release Notes for Micro Focus COBOL/2, IDR11229-1XA, PRIME EXL Revision 5.3.0 Version 3 or later

Monitrix, v1.2, for PRIME EXL Portable NetWare Guides, v3.01, DCP10302, PRIME EXL Revision 5.3.1

Multiplex User's Manual, MAN11160-1LA, Multiplex Version 1.2, PRIME EXL Revision 5.3.0, Version 3

NCS Reference Guide for Prime Systems, MAN10247-1LA, NCS Release 1.0, PRIME EXL Revision 5.3.1, Version 2

NCS Release Notes for the PRIME EXL Series, RLN10245-12A, NCS Release 1.0, PRIME EXL Revision 5.3.1, Version 2

NetWare for OS/2 Guide and NetWare for Macintosh Guides, v3.01, DCP10300, PRIME EXL Revision 5.3.1

Network Mail Administrator's Guide for the PRIME EXL System, DOC11194-1LA, PRIME EXL TCP/IP Revision 2.0

Network Programmer's Guide, DOC11191-1LA, PRIME EXL Revision 5.3.1, Version 1

Network Programmer's Guide, UPD11191-11A, PRIME EXL Revision 5.3.1, Version 2

Networking Support Utilities Release Notes for the PRIME EXL System, RLN11244-2XA, PRIME EXL Revision 5.3.1, Version 2

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ORACLE Programmatic Interfaces Addendum, MAN10231-3XA, Version 1

ORACLE RDBMS Version 6.0 Installation and User's Guide for the PRIME EXL Series, DOC10171-3LA, Revision 6.0, PRIME EXL Revision 5.3.1

ORACLE SQL*Forms Designer's Quick Reference, IDR10147-2XA, Version 2.3

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ORACLE SQL*Forms Operator's Quick Reference, IDR10146-2XA, Version 2.3

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ORACLE SQL*Menu Designer's Quick Reference, IDR11262-1XA, Version 5.0

ORACLE SQL*Menu User's Guide, MAN11262-1XA, Version 4.1

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OSI-Transport Administrator's Guide, DOC10379-1LA, Revision 1.0

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PC-Interface Host Installation Guide, MAN13086-1PA, PRIME EXL Revision 5.3.1, Version 2

PC-Interface Release Notes, RLN13087-1LA, PRIME EXL Revision 5.3.1, Version 2

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PRIME EXL 316 Disk Installation Guide, DOC11056-1LA, July 1987

PRIME EXL 316 Disk Installation Guide, IDR11056-1XA, November 1988

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PRIME EXL Diagnostics User's Guide, DOC11114-2LA, August 1989

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PRIME EXL Disk, Floppy Diskette, and Tape Drive Installation Guide, DOC11182-2LA, August 1989

PRIME EXL Disk, Floppy Diskette, and Tape Drive Installation Guide, IDR11182-21A, October 1989

PRIME EXL Ethernet Node Processor Installation Guide, DOC11049-2XA, January 1989

PRIME EXL Hardware Videotape, IDR11048-1XA, March 1989 (NTSC format)

PRIME EXL Hardware Videotape, IDR11253-1XA, March 1989 (PAL format)

PRIME EXL Installation and Operation Guide, DOC11039-2LA, PRIME EXL Revision 5.3.0, Version 3

PRIME EXL Installation and Operation Guide, DOC11039-3LA, PRIME EXL Revision 5.3.1, Version 1

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PRIME EXL Installation and Operation Guide, UPD11039-32A, PRIME EXL Revision 5.3.1, Version 2

PRIME EXL Integrated Software Development Guide, DOC11118-1LA, PRIME EXL Revision 5.3.1

PRIME EXL Operating System Assembler Reference Guide, DOC11157-1XA, PRIME EXL 300 Series

PRIME EXL Operating System Programmer's Guide, MAN11045-1LA, PRIME EXL Revision 5.3.0, Version 2

PRIME EXL Operating System Programmer's Guide – Volume I, MAN11284-1LA, PRIME EXL Revision 5.3.1

PRIME EXL Operating System Programmer's Guide – Volume II, MAN11285-1LA, PRIME EXL Revision 5.3.1

PRIME EXL Operating System Programmer's Reference Manual, MAN11046-1LA, PRIME EXL Revision 5.3.0 Version 2

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PRIME EXL Operating System User's Guide, MAN11041-1LA, PRIME EXL Revision 5.3.0 or later

PRIME EXL Operating System User's Reference Manual, MAN11042-1LA, PRIME EXL Revision 5.3.0, Version 2

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PRIME EXL Portable NetWare Supervisor's Guides II, v3.01, DCP10299, PRIME EXL Revision 5.3.1

PRIME EXL Portable NetWare User Basics Guide, v3.01, DCP10297, PRIME EXL Revision 5.3.1

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PRIME EXL Removable Disk Drive Installation Guide, DOC11195-1XA, April 1989

PRIME EXL Removable Disk Drive Installation Guide, IDR11195-1XA, October 1989

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PRIME EXL TCP/IP Documentation Package, DCP10100, PRIME EXL TCP/IP Revision 2.0

PRIME EXL TCP/IP Reference Manual, DOC11110-1LA, PRIME EXL TCP/IP Revision 2.0

PRIME EXL TCP/IP Release Notes, RLN11082-1XA, PRIME EXL TCP/IP Revision 2.0

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PRIME EXL TCP/IP User's Guide, DOC11107-1LA, PRIME EXL TCP/IP Revision 2.0

Prime INFORMATION EXL Administrator's Reference Guide, MAN10205-1LA, PRIME EXL Revision 5.3.0, Version 2 or later

Prime INFORMATION EXL INFO/BASIC Reference Guide, MAN10206-1LA, PRIME EXL Revision 5.3.0, Version 2 or later

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Prime INFORMATION EXL PERFORM Reference Guide, MAN10209-1LA, PRIME EXL Revision 5.3.0, Version 2 or later

Prime INFORMATION EXL PICK Reference Guide, MAN11154-1LA, PRIME EXL Revision 5.3.0, Version 2 or later

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Prime INFORMATION EXL SIMPLE Reference Guide, MAN11163-1LA, PRIME EXL Revision 5.3.0, Version 3

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Prime ORACLE 5.1 Administrator's Manuals, DCP10078, Revision 5.1

Prime ORACLE 5.1 Base Product Documentation, DCP10082, Revision 5.1

Prime ORACLE EXL Pro*COBOL/Pro*FORTRAN Manuals, DCP10083, Revision 5.1

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PRIMEWORD Keystroke Reference Card (PST 100), IDR11015-2RA, PRIMEWORD Release 2.0

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