

The following pages contain product information about **OneVision**, a development of **OneVision GmbH**.

OneVision

Dialogue without frontiers

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To see this remarkable software running, just pick up the phone to arrange a demonstration

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ePScript: PostScript, EPS and PDF editing – the right way

OneVision has introduced the world's first solution for practically unrestricted editing of PostScript, EPS and Portable Document Format files.

PostScript has become the standard for digital prepress output files, but until now PostScript files could only be used for printing – they couldn't be edited or modified just before printing. ePScript by OneVision overcomes this handicap, allowing you to make nearly unlimited changes to all elements of PostScript, EPS and PDF files: images, text or graphics.

Prepress service providers in the graphic arts industry have to handle jobs coming from DOS and Windows, from Macintoshes, and from UNIX platforms as well. They must be able to process files created with a multitude of programs and their many versions. Until today, this required having a detailed knowledge of a wide range of hardware, operating systems, and application programs.

But with OneVision software, there is for the first time a single, complete environment in which data from a wide variety of sources can be displayed accurately on screen, edited and manipulated interactively, and either passed to another prepress system or printed directly. The system or application those files come from is of no consequence to ePScript and OneVision.

To achieve this comprehensive editing capability, we have built a complete and integrated design and production environment in which various OneVision modules work together as a team. The core modules are for creating and editing image, text, and graphics, but the OneVision work environment also supports other key production processes, including calibration among various output systems, bar code generation, and the automatic conversion of vector graphics to bitmap images at any resolution. You can install the entire OneVision system or build a custom system by choosing just the modules you need.

To see this remarkable software, just pick up the phone to receive a demonstration version. Do it today – the solution to your PostScript production problem is waiting for you.

OneVision

Dialogue without frontiers

A foundation for the future

The next step in the future of digital prepress

The Problem: Old tools for a new era

The computing legacy of the 80's weighs heavily on today's digital prepress professionals. The problem is that most current systems – cobbled together from a variety of programs and system extensions – often demand a lowest common denominator approach to assure compatibility. Connections become handcuffs.

Users are forced to be their own systems integrators and find themselves trapped by rigid working procedures – they end up wasting valuable time learning complicated computer techniques rather than getting on with their real work.

The Solution: Cooperative tools for a collaborative environment

OneVision provides a single working environment where individual application modules work seamlessly together, sharing tools, background processes, and a single user interface. All aspects of your work can be done directly in your documents, not as outside processes whose results then need to be linked to or imported into your pages. In this orderly and integrated workplace, your work becomes the focus of attention, with your tools adapting to you and not the other way around.

The OneVision advantage: Open architecture

Built upon the object-oriented NEXTSTEP operating system, OneVision can run on a variety of hardware platforms. The choice, even for mixed platforms, is completely up to you. At the applications level, you can configure your system to meet your needs by plugging in those modules your work demands. No configuration work is needed to add modules – OneVision is strictly a plug-and-play system.

ePScript: Unlimited PostScript editing

A unique and exceptional capability of OneVision is the ability to open and display PostScript, Encapsulated PostScript (EPS), or Portable Document Format (PDF) files and edit them completely. This could involve content editing, image and layout alterations, or changing the output format to match the needs of particular prepress systems or output devices. It doesn't matter where the files originate nor what they contain – text, images, vector graphics – or whether they're single-page or multipage. OneVision can handle them all.

High performance at the high end

OneVision meets all the output requirements of today's modern prepress environment. The ability to zoom in on an document beyond the resolution of the image setter – once the domain of dedicated image-processing systems – has already become one of OneVision's most valued features. Prepress professionals also welcome OneVision's electronic densitometer functions for on-line evaluation of photographic images. OneVision can address the needs of a large number of specific imagesetters, film recorders, and direct-to-plate devices. OneVision output documents vastly exceed current limitations in the industry, and reliable results are assured by its highly accurate screen pre-view facility.

Productivity through flexibility

OneVision's unified working environment means faster throughput of your clients' jobs, giving you an immediate competitive edge. Although OneVision comes with a complete complement of application modules and auxiliary tools, you pay only for the ones you want. These are activated – "serialized" – by inputting a special code number provided by OneVision.

You can preview any unserialized modules and tools, and if you decide you want to use one, a simple call to OneVision is all it takes to put the new capabilities to your disposal. When a client appears with special needs and little time, you can offer this level of economy and flexibility.

A meeting point for data of all types

OneVision's ability to open and edit any PostScript, EPS or PDF file makes it the ideal publishing platform for a wide range of users:

- those who are looking for a way to create a logical and cohesive publishing system from diverse hardware and software elements they have assembled over the years.
- for all who need to process a large number of different data formats for clients, partners and suppliers or who need to provide output data in myriad formats. Or both!
- those who haven't made a commitment to any particular hardware or software and want the benefit of a future-proof, open architecture.

OneVision's bottom line: Increased productivity

OneVision's combination of superior tools, superior integration, and superior flexibility pay off in

- faster turnaround times
- increased efficiency
- more creativity
- more satisfied clients

The Core Modules

CRANACH – Image processing without limits

CRANACH was designed with the needs of both production professionals and creative artists in mind. The dialog-driven interface is the result of extensive testing in both kinds of environments, and users can work directly in composed pages, not in an isolated graphics environment.

CRANACH gives the user object-oriented image processing combined with tried and tested pixel-oriented techniques. Images or parts of images can be freely positioned, scaled, rotated and combined. In addition, typographic elements can be linked with parts of an image. For creating of collages and composite images, CRANACH provides easy yet exacting control over the transparency of various image elements.

Key features

- an expanding list of over a dozen different image filters
- up to 16 bits of data per color channel
- optimized algorithms eliminate the need for accelerator boards
- separate channels for transparency and masks
- access to all image data of PostScript files (PS- and EPS-format)
- direct control of scanners
- support for import of all common data formats
- automatic and semiautomatic masking
- vector clipping
- calculation of transparency
- unlimited number of open files
- choice of on-screen viewing resolution
- collaging with unlimited number of elements
- custom individual configurations – add new tools at any time

Output: The Proof Positive

OneVision's print parameters offer separation with four plates for CMYK off-set printing and separation with unlimited spot colors.

OneVision's SoftProof color calibration guarantees a color match on all output devices, including monitors, color laser printers, thermal transfer printers, dye sublimation printers, traditional printing presses, etc.

LANSTON – Precise creative control in typography and layout

LANSTON is a text processing and page layout module created for typographers, designers, and graphic artists. It provides all the flexibility, precision, and functionality needed for today's digital jobbing work.

You can create any number of text columns per page, and text can automatically flow through chains linking any number of pages. Precise typographic control extends even to difficult composition situations, such as wrapping text around irregular shapes.

LANSTON's flexibility makes it ideal for multilingual work. It can compose text in any direction, left to right, right to left, or vertically, and it supports hyphenation in many languages.

A talent for typography

LANSTON gives form to words, through control over traditional and "graphical" typography:

- control over text color, outline weight and color, letter- and word-spacing, tracking, and character width
- precision kerning
- precise justification
- unlimited tabs
- typographic collages of any complexity
- automatic hyphenation for multiple languages
- text can be used as a clipping path or image mask

LANSTON makes life easier for prepress jobbers

- Document sizes up to 1000 square feet
- Type sizes up to 100.000 points
- PostScript Type 1 support
- support for fonts from existing systems
- includes approximately 150 fonts from the Bitstream® Typeface Library
- unlimited number of open documents
- spell-checking in eleven languages available

What you see is what you need

Thanks to Display PostScript, you always see a faithful rendition of your text, images, and graphics. You can zoom to any magnification, even beyond the resolution of your imagesetter.

By virtue of its support from the OneVision environment LANSTON provides nearly unlimited editing of any PostScript, EPS, or PDF file, allowing you to support the output of any other typographic system.

MANET – Object graphics for demanding professionals

MANET is targeted at repro houses, graphic artists, and illustrators – it provides a unique blend of throughput-oriented production tools and precise creative control.

MANET is the vector graphic module of OneVision. With it you can create or edit graphics of virtually unrestricted complexity.

MANET contains all the tools necessary for a creative production environment. Users can work with basic forms such as lines, Bézier curves, and planes, as well as with complex object-oriented color blends and blends between shapes. Every graphic creation remains fully editable. The freehand drawing tool supports the mouse as well as graphics tablets. The built-in path optimizer smoothes hand-drawn curves and eliminates unnecessary control points for faster printing. MANET creates the most direct line between the creative concept and the finished image.

Vector paths that blaze new trails

- creating three-dimensional impressions using two blend functions for step-by-step interpolation
- automatic optimization of vector paths
- automatic conversion of images to vector graphics
- parametric graphics library
- path text nestling to any vector path
- flexible styling of headings
- transformation of curves to straight lines and vice versa
- automatic conversion of vector graphics to bitmap images in any resolution

OneVision supplies several alternatives for exporting documents or elements: all data may be saved as TIFF, EPS or PS files. You can also decide whether you want to save the data with or without fonts. You can even save data on media formatted for UNIX, DOS or Macintosh.

More options, more modules

Beyond the "big three" modules CRANACH, LANSTON and MANET as well as the outstanding functionality of ePScript for editing PostScript, EPS and PDF files – OneVision offers many more modules for users with a wide variety of needs:

- SoftProof
- Blend Elements
- EAN bar code
- Sheet Info
- Register document
- Photogrammetry
- Scanner Drivers

And because OneVision is a completely open system, it can easily be expanded with features such as:

- HKS digital color map
- fonts
- image libraries
- etc.

In addition to selling software, OneVision GmbH also supplies complete publishing systems, with a network of qualified representatives and partners in the publishing field. Together with our partners we can supply wide ranging solutions to all your prepress needs.