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0b815f5f84012584067f411b312d37OPI: Introduction

## 927351\_ExternalElement.tiff - **Open Prepress Interface (OPI)** **Introduction**

OPI (Open Prepress Interface) is used for facilitating your layout work and speeding up document processing. Image data can be very large, requiring a lot of time to load, display, and save them. OPI enables you to use compact layout data to be displayed in special OPI elements within your documents in place of the equivalent high-resolution originals. These elements can be processed like any other element in OneVision: They can be positioned, scaled, rotated, skewed, and clipped. Only when the document is sent to an output device are the layout data replaced by the original data stored in the OPI server. If you don't want to process the high-resolution images themselves, they never have to be loaded. This gives you the following advantages:

- less memory required
- faster document processing
- lower network load
- smaller document sizes

### **OPI-Server**

The OPI server stores the original data of images and generates the layout data that are used in documents. When the documents are output, the server software replaces the layout data with the original data. OPI-Server are available for Solaris, IBM-AIX and DEC VMS operating systems. The one you use has to comply to the OPI 1.3

specifications by Aldus. The installation should be done by an experienced systems or network administrator. A guide to installing an OPI server is found on your OneVision CD in the folder: *CD/OneVISION/Info&KnowHow/FragenUndAntworten/Drucker-Belichter*.

## **Data Management**

After installing the OPI server, you will be able to store TIFF and EPS files in specified folders. For each of these files, the server will create a corresponding layout file bearing the file name extension *^tiff.lay* or *^eps.lay*. These low-resolution data files can then be imported into the OPI elements of OneVision documents.

If you try to load into an OPI element an image file that is not managed by an OPI server, the following conditions apply:

- TIFF files can only be loaded as OneVision-Image elements
- for EPS files that contain preview data, the preview data will be displayed in the OPI element
- for EPS files that don't contain preview data, the following substitute will be shown:

459687\_paste.tiff ↵

*Figure: Substitute for EPS files without preview data*

You can create preview data for EPS files using OneVision's EPS Export tool. First load the EPS file into a document, then export it again, checking the option *<Include Preview Data>* in the *EPS Export* panel (*:/EPSExport/EPSExport.rtf;Vorschaudaten;↵*).

**noupdate;↵OPI and PostScript Import**

If you open PostScript files that contain OPI elements, these elements will be converted and displayed as OneVision OPI elements. This default can be switched off in the *Preferences* panel for DigiScript  
(;../EPS2Elements/Preferences.rtf;OPIElementeanlegen;¬).

Note: Imported PostScript files containing OPI elements only provide the layout data of these images. Because in this case the OPI server holding the original data may be somewhere else, a substitution of the data isn't always possible. Some special PostScript files, however, contain OPI elements with encapsulated image data. Though the layout data of these OPI elements cannot be substituted, the encapsulated image data can be displayed at output.

Preview data of PostScript files can be in TIFF or EPS format. Though it is not possible to substitute the preview data by original data, the preview data in TIFF format can be output. If the preview data are in EPS format, this is not possible, because the OPI server isn't able to substitute EPS formatted layout data, so they may not be included in the output data stream at all.

Next: ;ExtElementTool.rtf;¬ OPI Element