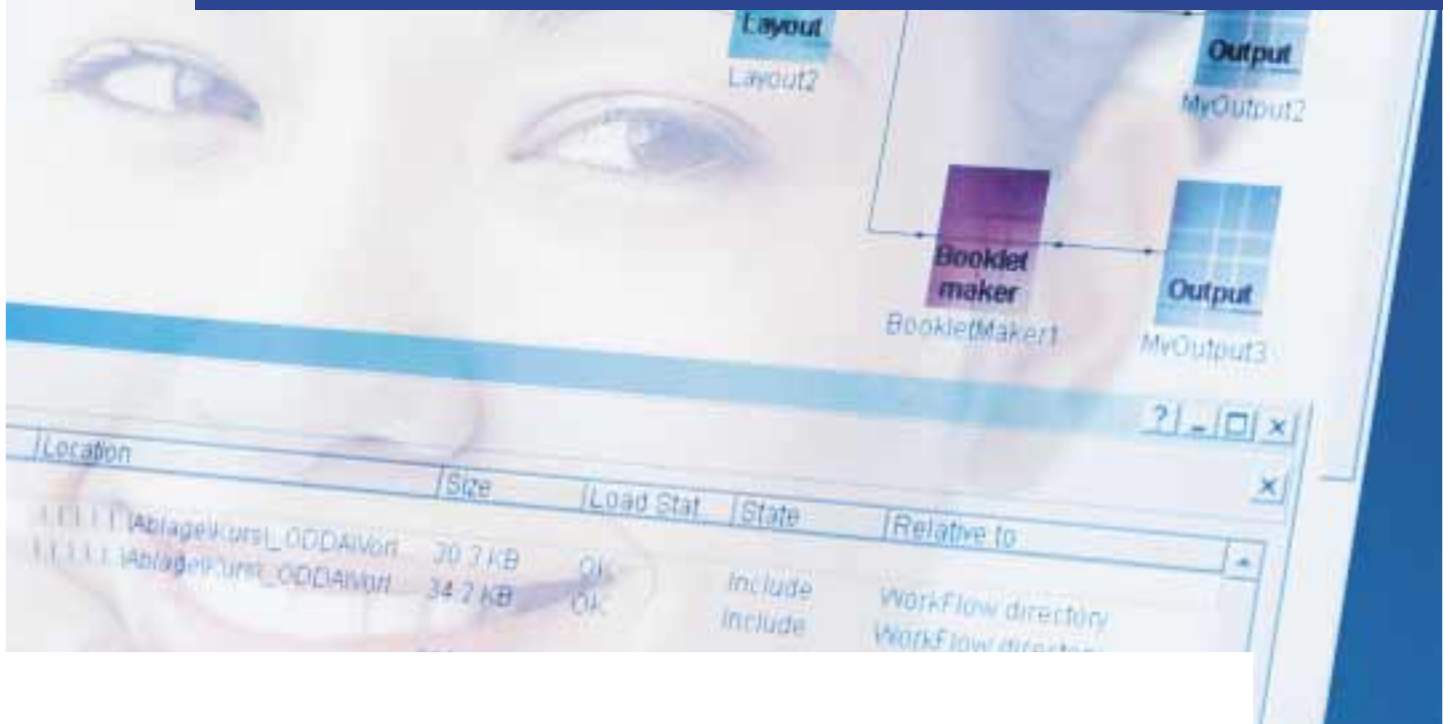


Océ Document Designer

Software data



Automate your pre-press preparation

Software to speed up your document workflow

Océ Document Designer software highly automates your document creation, design, and preparation processes. Designed to accommodate incoming AFP, SAP RDI, and Advanced Data, this productive software streamlines your structured and fixed data processing. You can design your layouts and proof your documents with a centralised GUI, and prepare your documents for high speed printing—in black/white, with Océ CustomTone®, and full colour—or as electronic output.

Flexibly designed, Océ Document Designer supports all Océ printers, and a selection of IBM, Xerox, Creo, Scitex equipment, as well as a range of Internet browsers.

Below, the specifications that apply to Océ Document Designer for AFP and SAP RDI Data begin. Océ Document Designer for Advanced Data specifications follow.

Designer Standard Suite

Form Creation for AFP, PCL and LCDS

The *Form Creation* function, its easy-to-use drawing tools and the text editor make it simple to design forms for just about any kind of print job. Forms, or overlays, are resources that are printed together with the variable data in a job, in black-and-white or with Océ CustomTone colour. Objects from other Windows applications can be embedded in forms using integrated OLE (Object Linking and Embedding) functions.



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Functions

- Various graphic elements and line-drawing tools for vertical, horizontal and diagonal lines and read lines
- Grey levels and user-definable fill patterns
- Various text placement and formatting options
- Object linking and embedding (OLE) with other Windows applications
- Various text import options
- 27 graphic import filters (JPEG, TIFF, PCX, PNG, EMF, WMF, etc.)
- Dedicated colour adaptation for monochrome and two-colour printing of images, graphics and OLE objects
- Support for Océ CustomTone colour
- Integration of external AFPDS page segments for structured forms design
- Import of existing forms from IBM OGL, Siemens Nixdorf/Océ SieForms, Xerox LCDS

Font Creation and Import

The Font Creation and Import function converts TrueType or Type 1 fonts to the high performance printing format. Users can define their own fonts—national symbol sets, for instance—with the help of mapping tables. The function also supports multilingual double-byte coding required for Far East fonts.

Functions

- Converts TrueType and Type 1 fonts to bitmap and outline fonts
- Over 100 standard mapping tables
- Mapping editor for creating customised tables
- Generates fixed metrics or relative metrics fonts
- Supports double-byte coding (Far East fonts)
- Fonts for 240, 300 and 600 dpi

The Standard Font Package contains the following:

- Proportional Euro Fonts
- Monospaced Euro Fonts
- Linear Barcode Fonts

An Asia Font Package is available as an add-on. This contains:

- Japanese Fonts
- Chinese Fonts

Colour Mapping

Océ's high performance printing systems work with Colour Mapping Tables (CMTs). Printing systems equipped for Océ CustomTone use these tables during the printing process to determine which document elements are to be printed in the standard colour by the first print engine, and which are to be printed in Océ CustomTone colour by the second print engine.

The Colour Mapping function is an easy way to create and modify these tables in accordance with the MO:DCA specification (Mixed Object Document Content Architecture Reference). The tables enable AFP colour information such as Océ CustomTone, Standard OCA and GOCA to be converted to RGB (Red-Green-Blue), CMYK (Cyan-Magenta-Yellow-Black), Océ CustomTone and CIELAB. All colour mapping variations are possible. The CMT is stored as a non-printing resource in the Océ PRISMA[®] resource library or on the printer itself. During printing, it is called and used as a document-specific resource package.

Application Setup

The Application Setup serves to manage the layouts and forms in editable formats and to ensure consistency in the management of all the generated print resources. Once applications are finished, the Application Setup can be used to configure them completely and consistently on an Océ PRISMAproduction[®] server, ready to go into production.

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Options

Layout for AFP Line Data

The Layout for AFP Line Data serves to generate AFP resources (page and form definitions) for electronic printing systems. It can import and export IBM PPF files. Being a WYSIWYG tool, the Layout for AFP Line Data presents the page layout as it will be printed (showing the pages in the correct sequence and layout), and with the correct paper format. It also shows the entire document structure in the form of a flow chart. This enables users to verify that their print applications—no matter how complex—are correctly laid out before beginning the actual printing process.

The Layout for AFP Line Data provides a range of options for positioning the logical pages on the physical page, e.g. Power Positioning (which divides the physical page into up to four partitions, with the possibility of defining different placements, rotations and overlays for the logical pages in each partition). With the layout and the paper format being separate resources, a document is not defined specifically for either a cutsheet or web-fed printer or for single or doubled-sided output. It can be printed on either type of printer, on one or both sides of the paper. The Layout for AFP Line Data creates resources for 240, 300 or 600 dpi resolutions and for printing with Océ CustomTone. It also supports double-byte coded print data and the two-dimensional barcodes PDF 417 and Datamatrix.

Functions

Form Definitions

- Modifiable print direction
- Simplex, duplex
- On-screen display of forms
- Paper tray selection
- Power positioning

Page Definitions

- For Multi Resolution Mode (MRM)
- Supports Océ CustomTone
- Barcode
- Page numbering
- Relative positioning
- Text formatting
- Font selection
- Channel and TRC assignment

Layout for SAP RDI Data

Océ PRISMA Connect for SAP R/3 software is used to connect the SAP R/3 Output Management System with Océ PRISMAproduction and Océ PRISMAoffice®. The layout design of SAP data is done via the RDI (Raw Data Interface) with Océ Document Designer and the Layout for SAP RDI Data option. The data can then be printed via AFP on high performance printing systems, enabling users to benefit from the reliability and security of such systems.

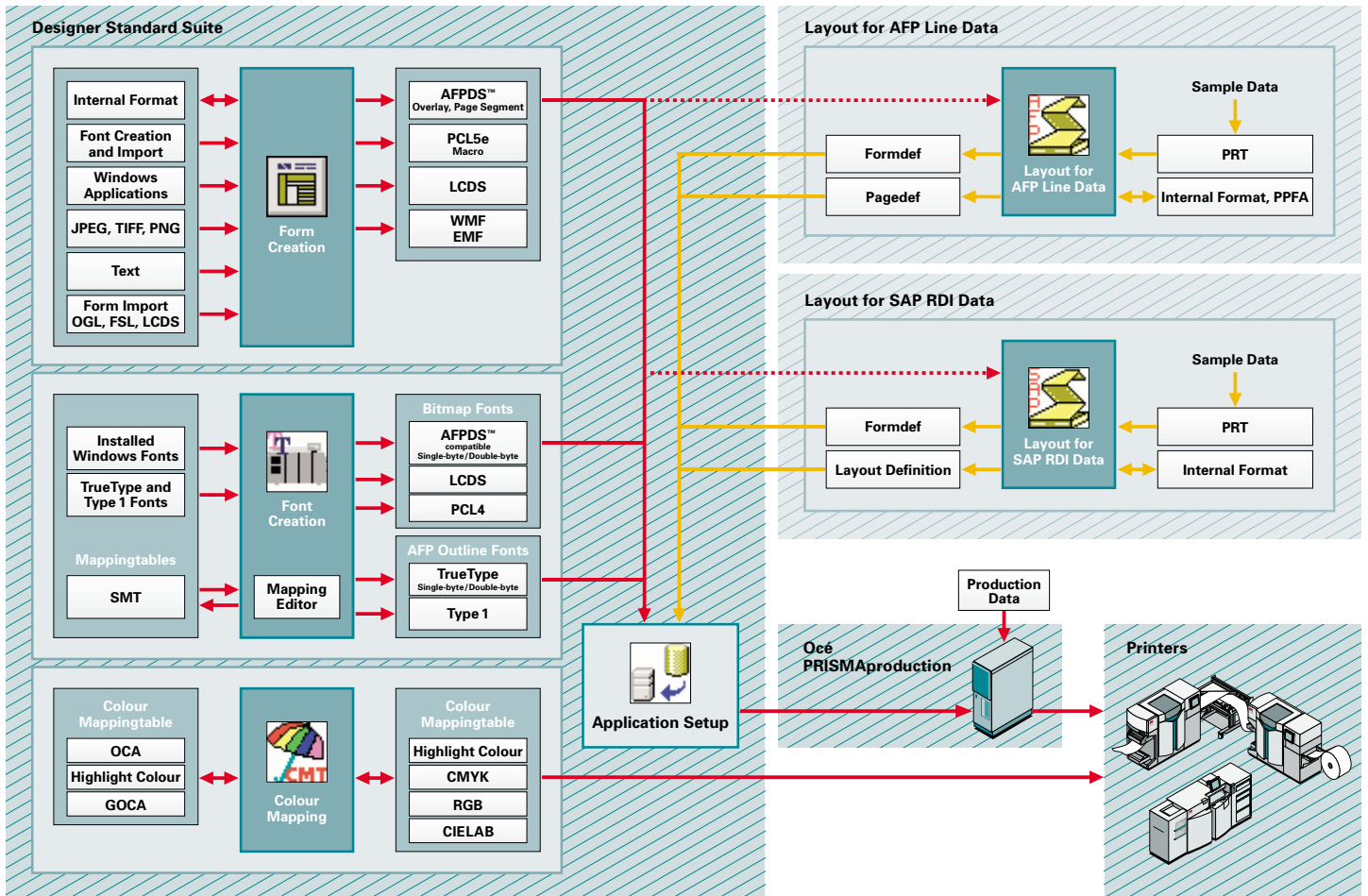
Functions

- Structured, hierarchical document layout
- On-screen display of forms
- Automatic import of RDI field identifiers
- Automatic mapping of SAP code pages to Unicode
- Text formatting via Unicode outline fonts (TrueType, Type 1)
- Use of RDI fields in barcodes, text and tables
- Dynamic formatting of tables with user-definable header, body and footer lines
- Relative positioning
- Modifiable print direction
- Simplex, duplex, 1-up, 2-up
- Paper tray selection
- For Multi Resolution Mode (MRM)
- Supports Océ CustomTone

Layout for Advanced Data

The Layout for Advanced Data is a single environment, all-in-one software for structured variable and fixed data processing, layout creation, structured data output and high-speed printing. It offers competitive performance features such as creation of print and electronic applications using dynamic table generation, intelligent page flow and page composition with full colour graphic capability, workflow-based high level automation and processing of information and document output, including OMR control and multi-platform support. The Layout for Advanced Data consists of only one application constituting a unified, yet customisable interface for all the operations that the user wants to perform.

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Main functions

- Only one application, wizards for creating the complete workflow
- Multiple modules in form of sheets within the application
- Easy creation of very complex printing jobs
- Built-in resource management

WYSIWYG Layouting and Proofing

- Synoptic interface similar to standard DTP tools
- User profiles, languages switching
- Layout verification, Live proofing
- Large barcode library
- Variables, constants, variable bitmaps, elements
- Scripting, variable page selection, flowing page to page
- Text styles, paragraph styles, border and filling styles, text outlines, kerning, baseline shift
- Object rotation in any angle, objects Z-order, objects grouping, 2-D objects transformations
- Device independence, support of TrueType (and collections), Type 1, OpenType and Windows FNT fonts

Structured Data Processing

- Readable structure for use and editing
- Data (merged from multiple sources) drive the production
- Conditional processing, large range of functions
- Support for CSV, Structured CSV, Flat, Structured Flat, Structured Variable Length, files connected via ODBC interface and XML files

Full Colour Support

- Colour management, Colour matching, ICC profiles, Gamut check
- PostScript Colour Management
- Production manager interface, simultaneous jobs printing

Output Concept

- Wide range of output formats

The Layout for Advanced Data is a comprehensive software solution for generating customised, personalised dynamic documents using structured variable or fixed-length data.

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General information

The complete user interface is integrated into a single application:

- Graphic icons for simple definition of the entire document workflow
- Various optional modules
- Integrated resource management
- Data-driven production
- Based on structured data
- Visual presentation of data structure with drag-and-drop functions for defining layouts
- Variables, tables, constants, variable images
- QuarkXPress and RTF import
- Integrated layout checker
- Variable page selection with page-flow functionality
- Additional script feature
- Definition of various styles such as text, paragraph, box and fill areas, font outlines, kerning, baseline shift
- Object rotation to any angle
- Foreground and background placement of objects
- Grouping function for objects
- 2-D object transformation, e.g. mirror imaging
- Device and printer independent
- Integrated preview with real data and proof print

Designer Advanced Suite

- CSV (Comma Separated Values) and structured CSV files (with user-definable field and line separator characters, text qualifiers and text coding)
- Flat or Structured Flat files (with user-definable line separators and text coding)
- DBF files (deleted records can also be read; definable text coding)
- SQL/ODBC interface

Fonts

- Support for TrueType, OpenType, Adobe Type 1, CFF, CID; import facility for bitmap fonts (FON; PCF)
- Double-byte support

Colour support

- Océ CustomTone support
- Full colour support (RGB, CMYK, LAB and others)
- Design in colour
- Colour management
- ICC (International Colour Consortium) Profile (cross-platform industry standard that provides accurate and unified characterisation of scanners, monitors and printers)
- Gamut check

Image formats

- BMP Windows Bitmap File format
- PNG Portable Network Graphics file (interlaced/not interlaced)
- JPEG interlaced/not interlaced, quality setting
- TIFF Tagged Image File Format
- CXRI Chimenix Raster Images (internal format)
- PCX Zsoft Paintbrush Bitmap files
- Targa Truevision Targa Image files
- PDF Portable Document Format files
- EPS Encapsulated PostScript files

Options

Data Input

- Input for internal data format and input via script
- XML files (with user-definable text coding and DTD support)

Data Processing

- Merging of multiple data sources, cacher, filter

Layout

- QuarkXPress and RTF (Word) import option
- Barcode libraries for 1-D and 2-D barcodes
- Functions for bar charts/pie charts in 2-D and 3-D

Impositioning

- Full package for impositioning

Data Output

- Processed data is stored to new file; statistic files

Formatter for Data Output

- AFPDS (B/W, Océ CustomTone, full colour)
- IPDS
- PCL
- PostScript Level 3
- VIPP – Variable-Data Intelligent PostScript Printware
- VPS – Variable Print Specification
- PDF Adobe Portable Document Format (compressed/uncompressed)
- PPML – Personalized Print Markup Language
- Scitex IJPDS
- Xerox Metacode
- HTML – Hyper Text Markup Language



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Possible workflow modules

Below is a profile of each of the possible workflow modules:

Data Input

Data Inputs

- This module defines the data source (1- n) and routes it to the next workflow module.

Internal Input

- Enables entry of buffered data in addition to the Data Input module.

Script Input

- This module enables you to read data files with built-in scripting language.

XML Data Input

- This module loads XML files with user-definable text coding and optional XML structure definitions (DTD).

Data processing

Data group by

- This module is used for grouping selected data.

CustomerCode

- Enables conversion of customer-specific input codes to a particular output format.

Data cacher

- This module caches data in order to improve performance.

Data filter

- Serves to filter the data by specific criteria.

Data merger

- Merges two data sources on the basis of the primary key and routes the merged file to the next workflow module.

Data precise

- Module for the US market that checks and clears up address data.

Data transformer

- Enables the conversion of input data to another defined format.

Impositioning

Simple N-Upper

- Function for positioning several logical pages on a single physical page.

Booklet maker

- Module for generating booklets, books, etc.

Transformator

- For modifying the output by rotation, scaling, etc.

Sheet concatenator

- Connects the data in the layout to create consecutive sheets.

Sheet duplexer

- For duplex printing.

Sheet merger

- This module merges two sheets.

Sheet NS splitter

- In n-up configurations, this module activates the North-South split of the data

Sheet regrouper

- Forms logical groups of pages to be treated as a unit.

Data output

Output

- Output module in which the print output parameters are set and which sends the output to the output media.

Data output

- Output of ready-processed data to a new data file in a selected format, e.g. XML.

Sheet statistic

- Creates a file with statistic information about a print job, e.g. the page count, the number of pages per document, etc.

Printer support

- All Océ DDS printers and most competitor printers and electronic outputs are supported.

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Server software requirements

Layout for AFP Line Data

- Océ PRISMAproduction server: Version 3.00 plus APA module
- Océ PRISMAproduction host: SPS V 3.8
- Functional Code: Version 2.10/3.02 (Bundle 4)

Layout for SAP RDI Data

- SAP R/3: Release 4.6 B
- Océ PRISMAproduction server: Version 3.00 plus APA module
- Functional Code: Version 2.10 /3.02 (Bundle 4)
- Océ PRISMA Connect for SAP R/3 Software
 - SAP R/3: Release 4.6 B Sun Solaris and
 - Océ PRISMAproduction: Version 3.00 plus APA module

Layout for Advanced Data

- Océ PRISMAproduction server: Version 3.00 plus APA module
- Functional Code: Version 2.10 /3.02 (Bundle 4)

Hardware for Document Designer

<i>Processor</i>	Pentium 4 /min.1.5 GHz (recommended)
<i>RAM</i>	min. 512 MB
<i>Hard disk</i>	the free space on the disk should be at least twice as large as the print file
<i>Monitor</i>	SVGA, resolution 1024 x 768

Operating System

- Windows 2000 Professional (with Service Pack 2 or higher)
- Windows XP Professional

For information and services, visit us at www.oce.com



**Printing for
Professionals**

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**7 / 7
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