# OverView AFP Designer 7

Edit forms and true data layout on one screen

All AFP fonts and logos are used natively without conversion effort or requirement

LINE-DATA: Load ASCII/EBCDIC

Define FIELDS and COLUMNS

Extract CHANNEL from PRINTLINE

Define PRINTLINE

The Logic-Window is also used for editing the PPFA source

## Product Description

The **OverView AFP Designer** is the industry standard graphical desktop design tool for complete AFP print applications. It supports through its dot-perfect design process the integrated development and maintenance of IBM standard OGL and PPFA source code.

The OverView AFP Designer is fully compatible with the IBM AFP Advanced Function Presentation standard for all platforms. It enables **unlimited application growth and investment security** for all your print and document applications.

- Use AFP resources like fonts (raster and outline) and images without conversion
- 240/300/600 dpi mode with true WYSIWYG form design
- Import/Export of IBM OGL and IBM PPFA source
- Edit multiple form elements in parallel
- Display the actual print data already during PAGEDEF design
- View and edit the PPFA structure in a visual logic-tree editor
- Internal calculations in 1440 dpi for absolute accuracy
- Display and testing of AFP mixed-mode print files

*The most accurate, and therefore fastest, full application design platform for AFP printing and document applications.*

## Contact

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| P: +43-2236-27551 | P: 817-416-2345 | P: +65-6339-8719 | info@isis-papyrus.com | © 2019, ISIS Papyrus, |
| F: +43-2236-21081 | F: 817-416-1223 | F: +65-6336-6933 | www.isis-papyrus.com | replaces all previous documentation. |

## Applications

- Maintenance and development of all IBM AFP based forms/data applications for finance, insurance and industry companies as well as government organizations
- All applications can be printed on virtually all types of printers such as IPDS, Xerox Metacode, PCL and Postscript using Papyrus Server

## Benefits

- OverView AFP Designer does not use any proprietary formats
- Users require only basic printing and AFP know-how
- Reduces application development effort drastically due to WYSIWYG on-screen design and dot-perfect display
- Requires no specific knowledge about language syntax
- Dynamic switching between forms and data placement reduces test-printing on production printers
- AFP Designer supports all cut-sheet and endless paper formats
- No OGL or PPFA source code tweaks required
- With the optional AFPDS Compiler, OGL and PPFA compilers are not required on the mainframe
- Easy file transfer (functions send and receive) between AFP Designer and z/OS or Unix host for sources (OGL, PPFA), AFP resources (Fonts, PSEG, TIFF, OVL, FDF, PDF) and line data

## Forms Design (OGL)

- Load, edit and create OGL compatible source code
- Decompile AFP overlay objects to OGL source code
- Display and edit multiple overlays
- Load and display host AFP fonts and logos in 240/300/600 dpi
- Create lines, boxes, circles, paths and polygons with variable line width and line styles such as solid, dashed and dotted
- Define shading of graphical elements
- Create repeated boxes with diagonals and rounded corners
- Object positioning with mouse or by setting explicit values in LPI/CPI, inches, millimeters or PELs
- Select AFP fonts from the library by font style, size and properties
- Place text stand-alone or into boxes with all alignment and orientation options

- Automatic word-wrap feature
- BCOCA bar code support
- Import TIFF graphics and convert them to PSEG or OGL
- Import TIFF and JPEG files
- 11 zoom levels from 10 to 200 %
- Unlimited undo/redo and integrated auto-save feature

## Data Layout (PPFA)

- Design, load and edit all PPFA compatible source code
- Definition of printlines, fields and conditions with drag & drop from the data window to the view/edit window
- Multiple copy groups, subgroups and page formats supported
- Full conditional processing support with testing of conditions
- Edit multiple forms with the actual data displayed according to the page definition formatting
- Basic and enhanced N-up printing, variable positioning of copy groups using Invoke command (sheet, next, back, front)
- Relative positioning of printlines
- Bar code support for fields
- Display and testing of AFP Mixed-Mode linedata files for IMM, IDM, IPS and IPO
- Double-byte character sets (DBCS) and Unicode support
- Finishing and Processing support
- Font definition via CHS/CDP (no FON)
- Automatic spell-check for text in OGL
- Font viewer plug-in for selecting all characters from a matrix

## Prerequisites

- Windows Vista/7/8/10/Server 2008/ Server 2012/Server 2016
- Standard office PC

- File transfer to the AFP platform
- Windows-compatible printer for test printing on the PC

## Order Information

**OverView AFP Designer 7**
for Windows

30 days free test period applies

## Maintenance

The Terms and Conditions for ISIS Papyrus Software Products apply. Free service period is 6 months after installation. A maintenance agreement is offered optionally for updates and hotline.

## Training

ISIS Papyrus offers in-house workshops and standard courses for user training. Two days of training are recommended.

## Price Information

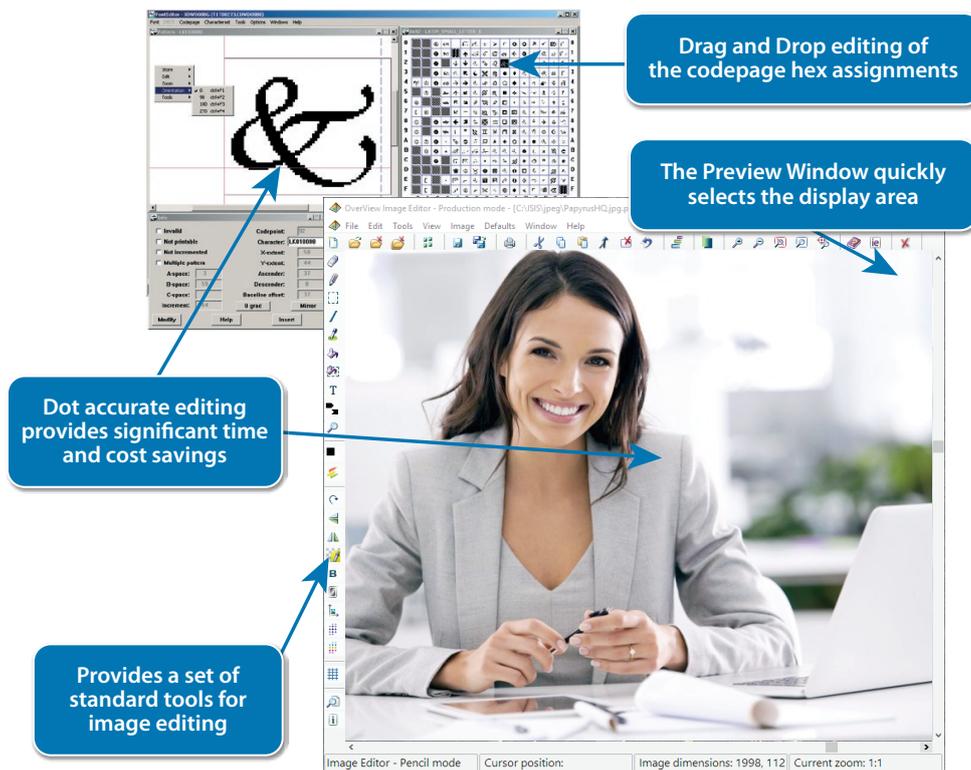Please refer to the Papyrus Software price list.

A multi-user LAN license is available.

For total investment protection ISIS Papyrus offers an upgrade to **Papyrus Designer** for the list-price difference.

## The OverView Family

- **OverView AFP Designer 7**
  Integrated OGL/PPFA design
- **OverView AFPDS Compiler 7**
  OGL/PPFA compiler for PC
- **OverView Font and Image Editor 7**
  Edit all AFP fonts and logos
- **OverView AFP Designer 7 for AS400/iSeries**
  Integrated OGL/PPFA design for use with AS400/iSeries

# OverView Font and Image Editor 7



Drag and Drop editing of the codepage hex assignments

The Preview Window quickly selects the display area

Dot accurate editing provides significant time and cost savings

Provides a set of standard tools for image editing

## Product Description

The **OverView Font and Image Editor** provides a set of powerful graphical tools for creating and editing fonts and image resources that are fully compatible with the IBM Advanced Function Presentation (AFP) standard.

- Many times faster than comparable IBM host-based editing tools
- Reduce application maintenance time and cost
- Direct editing of AFP resource files without additional maintenance overhead
- Products can be used for any platform supporting AFP such as VM, VSE, z/OS, AIX, AS400/iSeries and Windows
- Full AFPDS data structure support, including unbounded font formats
- Conversion to and from PC image formats included
- Supports 240/300/600 dpi fonts and images
- Optional font conversion support for Adobe and TrueType fonts

All OverView products support languages like Arabic, Hebrew, Bahasa, Thai and also DBCS fonts for Japanese, Korean and Chinese.

*Utilizes the capabilities of the graphical user interface on the PC for the most productive tools in the AFP market.*

## Contact

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## Font Editor Functions

- Load and edit or create AFPDS coded fonts, code pages and character sets
- Edit character bitmap patterns
- Cut, copy, paste, merge and delete functions for the character bitmap via the clipboard
- Copy bitmaps from applications
- Shade and invert character sets
- Convert character sets to/from fixed pitch to proportional spacing
- Cut, copy, paste, merge and delete groups of characters in character sets
- Drag and drop code page editing
- Convert bounded and unbounded font formats
- Convert images to bounded or un-bounded font format character set
- DBCS font support for languages such as Chinese, Japanese and Korean.

## Image Editor Functions

- Supports various image formats: AFP-formats, BMP, GIF, ICO, JPG, PNG, PTR and TIFF
- Dither/convert PC image formats to AFP images
- Load TIFF black and white images from PC applications
- Load and save AFP PSEG and IOCA formats in 240/300/600 dpi
- Pixel-precise editing of images with display zoom from 10% to 800%
- Rescale and resize images
- Cut, clip and crop functions
- Invert and shade images
- Line-drawing onto images
- Flip and mirror images
- Darken images
- Rotate images in 1 degree increments
- Spray-shade in various brush widths
- Edit PELs with various pen widths
- Add text onto images

## Prerequisites

- Windows Vista/7/8/10/Server 2008/ Server 2012/Server 2016
- Standard office PC

- File transfer to AFP platform

## AFP Prerequisites

- IBM PSF 1.3 or 2.0 or higher
- On z/OS an IND$FILE compatible file-transfer or TCP/IP
- An AFP compatible print service like Papyrus Server or InfoPrint Manager
- Created resources can be used on all supported platforms such as AIX, AS400/iSeries and Windows
- ISIS Papyrus does not supply any AFP fonts with the products. These fonts are copyright protected property of their respective owners

## FontConverter

The optional **Papyrus FontConverter** provides the capability to convert all re-sizable Adobe Type1 fonts, TrueType fonts and OpenType fonts into AFP raster fonts with different resolutions (240/300/600 dpi) or AFP outline fonts. System raster fonts can be converted into AFP raster fonts.

**Papyrus FontConverter** supports the following file formats:
- .FON for raster fonts
- .PFB for Adobe Type1 fonts and Adobe Type1 Master fonts
- .TTF for TrueType fonts
- .TTC for TrueType font collections
- .OTF for Open Type fonts

## Order Information
*OverView Font and Image Editor 7* for Windows

## Maintenance
The Terms and Conditions for ISIS Papyrus Software Products apply. Free service period is 6 months after installation. A maintenance agreement is offered optionally for updates and hotline.

## Training
ISIS Papyrus offers in-house workshops and standard courses for user training. Two days of training are recommended.

## Price Information
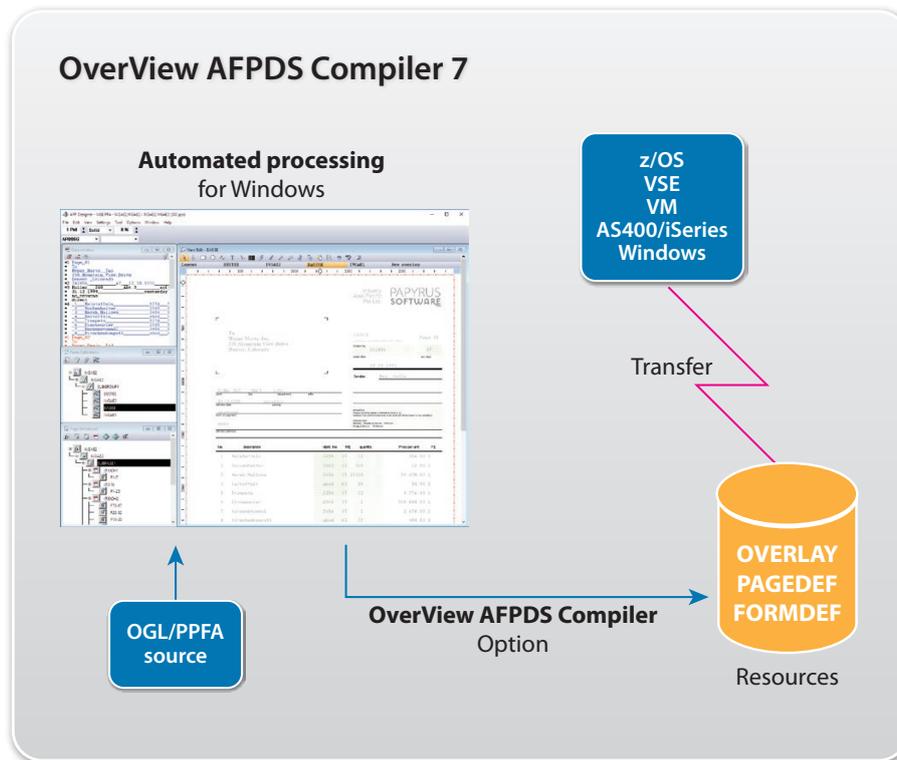Please refer to the Papyrus Software price list.

A multi-user LAN license is available.

For total investment protection ISIS Papyrus offers an upgrade to *Papyrus Designer* for the list-price difference.

## The OverView Family
- *OverView AFP Designer 7* Integrated OGL/PPFA design
- *OverView AFPDS Compiler 7* OGL/PPFA compiler for PC
- *OverView Font and Image Editor 7* Edit all AFP fonts and logos
- *OverView AFP Designer 7 for AS400/iSeries* Integrated OGL/PPFA design for use with AS400/iSeries

# OverView AFPDS Compiler 7



## Product Description

The **OverView AFPDS Compiler** is a workstation OGL and PPFA compiler option, integrated into the **OverView AFP Designer**. It enables the application developer to create ready-to-go AFPDS, overlay, page definition and form definition printer objects on the PC without any host products. The AFPDS Compiler generates the AFPDS object files for printing from the internal structure of loaded forms and data-placement information with absolute accuracy.

Benefits:
- Compiler for overlays, page definitions and form definitions
- Generate optimized 240/300/600 dpi overlays
- Include page segments and fonts into overlay files
- Maintain print applications on the Windows workstation
- Reduce host file-transfer activity and CPU cycles
- Save print development time and effort
- Company License pricing available
- No host (JCL) skills required for print testing of applications
- AFP test-printing on local workstations using Papyrus Server

*The most productive and simplest way to generate AFPDS print objects.*

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## Functions

- Compiler for AFPDS overlays, page definitions and form definitions
- Compatible with IBM PPFA and OGL host products
- Generated AFPDS files are compatible with all AFP platforms
- Full test-printing using PageEXEC and IBM PSF
- Generate 240/300/600 dpi optimized overlays
- Export overlay to full page TIFFs and page segments
- Creates AFPDS structures compatible with the Papyrus FormsFill features
- Basic and enhanced N-up support: visible N-up, Invoke command (sheet, next, back, front), relative positioning of printlines

## Benefits

- Reduces host CPU cycles for development
- No host JCL knowledge required
- Reduces development time
- Can replace IBM the compilers for PPFA and OGL on all IBM platforms

## Prerequisites

- OverView AFP Designer
- Hardware and software prerequisites for OverView AFP Designer have to be fulfilled.

- For use with any platform a binary capable file-transfer method has to be in place
- File-transfer options:
  - z/OS compatible file transfer
  - AS400/iSeries PC-Support
  - TCP/NFS or FTP

## Order Information
### *OverView AFPDS Compiler 7*

30 days free test period applies.

### Maintenance

The Terms and Conditions for ISIS Papyrus Software Products apply. Free service period is 6 months after installation. A maintenance agreement is offered optionally for updates and hotline.

### Training

ISIS Papyrus offers in-house workshops and standard courses for user training. Two days of training are recommended.

### Price Information

Please refer to the Papyrus Software price list.

A multi-user LAN license is available.

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### The OverView Family

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  Integrated OGL/PPFA design for use with AS400/iSeries

# OverView AFP Designer 7 for AS400/iSeries

*The graphical design tool for all AFP applications on the AS400/iSeries platform using central or remote printers.*

**Graphical elements displayed in their native resolution (240/300/600 dpi). AFP outline and raster fonts as well as Windows true type fonts WYSIWYG supported.**

**Images can be imported via clipboard and standard graphic file formats**

**View input line data and visually define PRINTLINEs, FIELDs and CONDITIONS**

**The included Image Editor offers WYSIWYG pixel graphics design for direct use in forms**

## Product Description

*OverView AFP Designer for AS400/iSeries* makes it easy to build complex document and form print applications. You can design document layouts from building blocks like images and electronic forms and automatically retrieve application data or spooled files from iSeries. You can easily design the final layout by combining data, forms, and images and then uploading all components to iSeries for production.

The traditional iSeries Data Description Specifications (DDS) interface is not required, which has two major advantages: First, it is a fully graphical design environment, while DDS is a programming interface. Second, it is application independent. You do not have to modify the existing application code to redesign your application output.

The AFP Designer is fully compatible to the IBM Advanced Function Presentation standard (AFP) by using form and page definitions and enables therefore the usage of the developed applications on any operating system and printer platform. This guarantees unlimited application growth and printer independence for all your print and document form applications using Advanced Function Printing/Intelligent Printer Data Stream (AFP/IPDS) to match with industrial printing.

- AFP resources such as fonts and logos are directly used
- Full WYSIWYG design of document forms in all supported resolutions (240/300/600 dpi)
- Multiple form building blocks are edited on a single page

The product package includes ImageEditor for editing and generating AFP page segments (e.g. logos and signatures) and for converting TIFF images to AFP image formats like IOCA.

## Contact

## Forms Design

- Load, edit and create OGL compatible source code
- Decompile AFP overlay objects to OGL source code
- Display and edit multiple overlays
- Load and display host AFP fonts and logos in 240/300/600 dpi.
- Create lines, boxes, circles, paths and polygons with variable line width and line styles such as solid, dashed and dotted
- Define shading of graphical elements
- Create repeated boxes with diagonals and rounded corners
- Object positioning with mouse or by setting explicit values in LPI/CPI, inches, millimeters or PELs
- Select AFP raster and outline fonts from the library by font style, size and properties
- Place text stand-alone or into boxes with full control of alignment and orientation
- Automatic word-wrap feature
- Import TIFF graphics and convert them to PSEG or OGL
- BCOCA bar code support
- 11 zoom levels from 10 to 200%
- Unlimited undo/redo and integrated auto-save feature

## Data Layout

- Design, load and edit all PPFA compatible source code
- Definition of printlines, fields and conditions with drag & drop from the data window to the view/edit window
- Multiple copy groups, subgroups and page formats supported
- Full conditional processing support with testing of conditions
- Edit multiple forms with the actual data displayed according to the page definition formatting
- Basic and enhanced N-up printing, variable positioning of copy groups using Invoke command (sheet, next, back, front)
- Relative positioning of printlines
- Bar code support for fields
- Display and testing of AFP Mixed-Mode linedata files for IMM, IDM, IPS and IPO
- Double-byte character sets (DBCS) and Unicode supported
- Finishing and Processing support

## Migration from IBM Infoprint Designer

- Direct use of Infoprint Designer applications with automatic decryption of encrypted source files.
- Full support for iSeries download/upload functionality as offered by Infoprint Designer.
- Embedded download of spool files from iSeries for use as input line data in the forms project.
- Upload to iSeries automatically transfers individual forms or the whole project with all resources like Page Segments, Fonts, Overlays.

## Benefits

- 100% accurate WYSIWYG form and data placement
- AFP Designer strictly follows the IBM PPFA standard
- Business users can easily design forms from building blocks in a Windows environment and place data in a graphical user interface
- No USB dongles: Simple installation and authorization using the cloud based Papyrus product authorization service "IPASaaS-Protection"
- Reduces application development effort drastically due to WYSIWYG design and dot-perfect display
- Dynamic switching between forms and data placement reduces test-printing on production printers
- Print on all AFP-compatible printers or all other common laser printer hardware using Papyrus Server
- AFP viewing, archiving with index generation and multi-channnel e-delivery (HTML, PDF) also to mobile devices supported by the Papyrus Output Management Solution

## Image Editor

- Load TIFF images from third party products such as Adobe
- Load and save AFP PSEG and IOCA formats in 240/300/600 dpi
- Pixel accurate editing with 10% to 800% display zoom
- Re-scale and resize images
- Cut, clip and crop functions
- Invert and shade images
- Flip and mirror images
- Rotate in 1 degree increments
- Spray-shade in various brush widths
- Edit in various pen widths
- Add text or draw lines onto images

## Prerequisites

- Windows Vista/7/8/10/Server 2008/Server 2012/Server 2016
- Standard office PC

- A Windows-compatible printer is required for test printing
- PC Client Access for AS400/iSeries