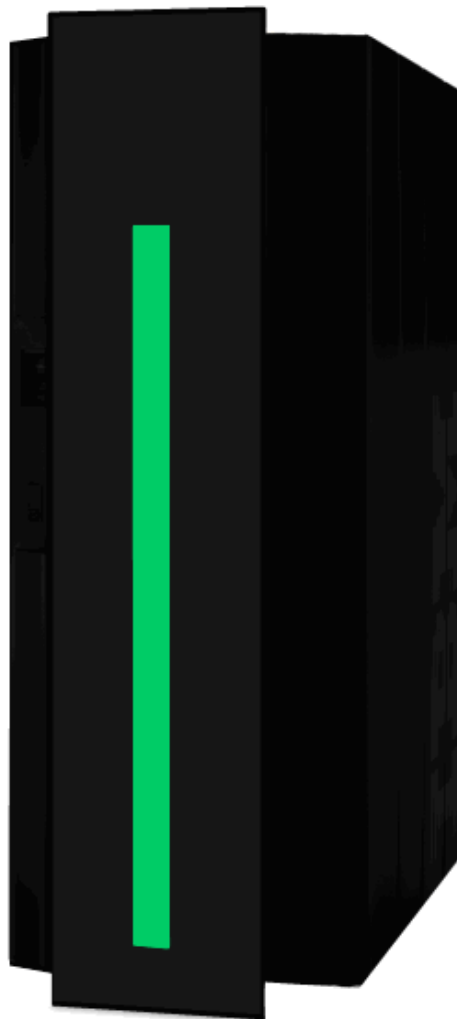


# PSS MVS 7.15 announcement

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## New Mainframe Software **Print SubSystem MVS 7.15**

*"AFP printing and AFP2PDF conversion"*



**Version 7.15**  
*Bar Code + PDF Update with  
additional features and fixes*

The 2011 version of PSS is now available.

Print SubSystem™ MVS, PSS is a printing subsystem for z/OS and OS/390. PSS mainframe software provides an AFP, XML and line data printing solution using PCL and PostScript printers.

The AFP to PDF conversion output (z/OS) may either be written to disk or distributed using e-mail or automatically initiated File Transfer.

PSS is simple to install and use, which also provides a reliable method of host generated PDF and e-mail output as an add-on to your printing solution.

More information can be found here:

[www.mpitech.com/mpitech.nsf/pages/print-subsystem\\_en.html](http://www.mpitech.com/mpitech.nsf/pages/print-subsystem_en.html)

### Key Features for PSS MVS 7.15

- ✓ Compliant on all z/OS and OS/390 levels
- ✓ JES and CA spool support
- ✓ Input format in AFP, XML and Line Data
- ✓ Support for outline font
- ✓ Support for full color
- ✓ Output in PCL, Postscript, PDF and PDF/A
- ✓ E-mail output as attached file

## *PSS MVS 7.15 is available from June 30th, 2011*

### Important dates

PSS 7.14 is now withdrawn from marketing. MPI Tech will maintain support and warranty service on PSS 7.14 for customers holding valid maintenance until end of December 2011. From July 2011 all error corrections will be performed on PSS 7.15 and will be offered to Customers, holding maintenance, for any corrective action.

### Upgrade for current users

Current users of PSS holding a valid maintenance contract will be offered a free upgrade to PSS 7.15 with similar options. PSS 7.15 can be installed 'on top' of the already running PSS installation hereby maintaining existing printer definitions and configurations. An upgrade from version 7.14 to version 7.15 will not require a new license key for the installation.

PSS 7.15 accumulates the delivered bug fixes from PSS 7.14 thereby improving the stability and performance of the application.

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## *PSS MVS 7.15 features the following new functions*

New features introduced since last release

### **Ability to search for non western text in PDF files**

An extra parameter has been added to allow for Unicode encoding of glyphs in the PDF output.

See keyword UNICODENCODING in the Print Subsystem/MVS Installation and Customization Reference manual.

### **Media Destination mapping for PostScript**

See keyword MEDIADEST in the Print Subsystem Installation and Customization Reference manual.

### **New parameter to force DUPLEX=TUMBLE for landscape, to emulate original behavior of PSS 7.11**

See keyword DUPLEX in the Print Subsystem Installation and Customization Reference manual.

### **Bar Code updates**

The following Bar Code structures have been added / updated according to the latest AFP Architecture

Small USPS Four-State Bar code

Modify the bar widths of the USPS Four-State Bar Code (also known as Intelligent Mail Bar Code) according to the Module Width parameter to produce an optimal size Bar Code or the smallest possible Bar Code as defined in the AFP architecture

Small Fixed-Size Bar Code

Modify the bar widths of fixed-size Bar Codes (Australia Post, Dutch KIX, Planet, Maxi-Code, POSTNET and RM4SCC) according to the Module Width parameter to produce an optimal size Bar Code or the smallest possible Bar Code as defined in the AFP architecture.

Desired Symbol Width Parameter

Implement support for the Desired Symbol Width Parameter as defined in the AFP architecture.

New Data Matrix Special Function

The method of generating this bar code has been improved. Any resultant printout may look different from previous versions, but the resultant scanned data will be the same.

## PSS MVS 7.15 Announcement

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### Royal Mail Red Tag Bar Code

Addition of "Royal Mail RED TAG Bar Code" along with the handling this Four-State Bar Code requires.

### UPSP Intelligent Mail Container Bar Code

Addition of "USPS Intelligent Mail Container Bar Code" along with the handling this GS1-128 Bar Code requires.

### Note on Bar Code Symbol Origin

Earlier AFP specifications indicated that the X offset and Y offset was to the top of the left most bar. These specifications did not cater for the possibility that some Bar Codes might start with a short bar.

The specifications have been changed so the X offset and Y offset specifies the position of the top of the leftmost bar as if it was a long bar.

MPI Tech has always created Bar codes according to this new specification.

## Fixes introduced since last release

Internal table expanded. Boundaries checked and overflow reported with new message PSS1732W.

VSCHAR should not be printed even if it has a raster image

Uninitialized internal variable caused problem with PCL output

External object caused message PSS1787.

LND suppression should not be done for Bar Codes

Miscalculation of object size with PDF in object container

## PSS MVS and its major options

Base product  
Print Subsystem

Printers  
PSS PCL4-5 printers  
PSS Postscript printers  
PSS PDF printers  
PSS 3270 printers  
PSS ASCII printers  
PSS ICDS printers

Options  
PSS Color output  
PSS EMAIL output  
PSS JCL Submit  
PSS PDF Encryption

## Other MPI Tech Mainframe products

### EPM and its major options

Base product  
Enterprise Print Manager

Printers  
EPM PCL4-5 printers  
EPM Postscript printers  
EPM PDF printers  
EPM 3270 printers  
EPM ASCII printers  
EPM ICDS printers

Virtual Logical Units  
EPM PCL4-5 VLU's  
EPM Postscript VLU's  
EPM PDF VLU's  
EPM 3270 VLU's  
EPM ASCII VLU's  
EPM ICDS VLU's

Options  
EPM Color output  
EPM EMAIL output  
EPM JCL Submit  
EPM PDF Encryption  
EPM CICS interface

Upload and Print  
EPM Upload and Print for AIX  
EPM Upload and Print for Linux  
EPM Upload and Print for NT

### PSS VM and its major options

Base product  
Print Subsystem

Printers  
PSS PCL4-5 printers  
PSS Postscript printers  
PSS 3270 printers  
PSS ASCII printers  
PSS ICDS printers

Options  
PSS Color output

### ACM and its major options

Base product  
ACM

Options  
ACM Color output  
ACM PDF Encryption