

SPOOL PDF OVERLAY/400™ UPDATE INSTRUCTIONS

New Release: Release 01, Modification 02, PTF 2101

System Requirements:

AS/400: OS/400 Version 7 Release 1 Modification 0 or later.
Security level 40 or less

Enhancements

Release 1.2 PTF 1702

ASP Support added. Spool PDF Overlay product libraries can be installed in ASPs other than the System ASP (ASP = 1). Basic ASPs (1 – 32) and Independent ASPs (33 – 256) are supported.

Multiple Instances per LPAR supported. Spool PDF Overlay can have multiple instances within the same LPAR. Each instance operates independently of the others. The multiple instances can be running at the same time.

Release 1.2 PTF 0000

- **Graphics support added.** Graphics commands are now supported.
- **Barcode support added.** Barcodes are now supported.

Release 1.1 PTF 0000

- **IBM MMR Compression support added.** Images compressed using IBM's MMR algorithm are now supported.
- **Named Color support added.** Images using named colors are now supported.
- **1-bit Component support added.** Images having 1-bit color components are now supported.

Problems Corrected

REL PTF DESCRIPTION

1.2	2101	MCH3601 received in program BOV014 at statement 3.
1.2	2101	Error sending BOV1004 (password warning).
1.2	2002	Outfile *STDOUT (API), 1 st line shifted left 1 char.
1.2	2001	(Enhancement) SPLETOPDF cmd, added JOBSYSNAME and CRTDATE.
1.2	2001	Spool Organizer and E-mail Utilities Interface, API changes.
1.2	1901	Barcodes, multiple bc's per page, only last rendered on page.

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- 1.2 1802 (Enhancement) Support for Spool Organizer release 5.7 1803.
- 1.2 1801 Install & Update, Check for user QSECOFR before setting Storage Area to *NONE.
- 1.2 1801 SPLETOPDF cmd, remove libraries from LIBL if added.
- 1.2 1701 Exclude non-SCS, AFPDS printer device types.
- 1.2 1502 Tasks receive CPD0193 Not authorized to pgm QPMLPMGT.
- 1.2 1501 Internal modifications.
- 1.2 1401 SCS, BACKOVL(*NONE) gives MCH0601 in BOV016 at stmt 4.
- 1.2 1401 No user Font definitions gives CPF2817 (no records copied) during update.
- 1.2 1401 SCS spool entries rotated CCW instead of CW.
- 1.2 1401 SCS spool entries, *AUTO, rotated text not aligned correctly.
- 1.2 1401 (Enhancement) SCS, added Margin option to adjust text up/down or left/right.
- 1.2 1401 Processing open Sple causes damaged PDF file, Acrobat open errors.
- 1.2 1303 Certain fonts, Font Height/Font With attributes not processed.
- 1.2 1303 European CCSIDs, decimal comma causes error when opening PDF file.
- 1.2 1303 System FGID Definitions updated.
- 1.2 1303 Define FGID specs, IBM 5250 emulator, IO error @ stmt 2211.
- 1.2 1302 AFPDS, Underscore and Suppress Data commands not processed.
- 1.2 1301 (Enhancement) Mirroring, replicated system's password can be specified on the production machine.
- 1.2 1301 MCH3601 in BOV014, module BOV016, map_lcl_f... at stmt 34.
- 1.2 1201 (Enhancement) Added option to rotate the page when displaying in Adobe Acrobat.
- 1.2 1201 Manage Options Specs, F4 to Mass change, receive MCH1202 in BOV038 at 1062.
- 1.2 1101 Internal compress = Y, barcode not printed.
- 1.2 1101 Large barcodes may be clipped.
- 1.2 1101 Page Rotate = 90 or 270, barcode placement on page not correct.
- 1.2 1101 Barcodes, Human-readable information, default to bottom of bar.
- 1.2 1101 Barcodes, add a margin between Human-readable information and bar.
- 1.2 1101 AFP, Medium size not specified, use page size.
- 1.2 0000 Incorrect font width used in certain conditions.
- 1.2 0000 Ovl name != ovl obj name gives Resource *SPLE, object type *OVL was not found.
- 1.1 1102 (Enhancement) Support ASCII in text data stream.
- 1.1 1102 (Enhancement) Support Outline Font designations
- 1.1 1102 Multiple fonts in resource, font attributes not set correctly.
- 1.1 1101 Function checks, I-O errors due to record lock timeouts.
- 1.1 1004 FGID Specs table, member SYS, added widths for character codes 127-255.
- 1.1 1004 (Enhancement) Added EBCDIC and ASCII CCSIDs to Options Specs.
- 1.1 1004 Import Font Specs, Warnings issued.
- 1.1 1004 Import Font Specs, generate widths for character codes 127-255.
- 1.1 1004 Import Font Specs, added function to import widths only.
- 1.1 1004 RetrieveFontAttrs, obj dictionary attrs w/trailing spaces generate warnings.
- 1.1 1004 Database files, change record wait parm to *NOMAX.
- 1.1 1003 BOVSPLPDF API, MCH3601 received at stmt 174.
- 1.1 1003 (Enhancement) Option to specify Overlay top and left margins added.
- 1.1 1003 (Enhancement) Font substitution, added option to sub font if the source font exists.
- 1.1 1003 AFPDS, page length/width, get from Options Spec if data stream dictates.

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- 1.1 1003 Change Font Sub entry, invalid value entered, rev image/pos cursor done incorrectly.
- 1.1 1002 Image compress type None causes "There was an error processing the page".
- 1.1 1002 Multiple text segments per page supported.
- 1.1 1002 Space in Object Names (Font, etc.) causes "There was an error processing the page".
- 1.1 1002 Manage FGID Specs, Add/Copy, Import causes MCH3601 in BOV032 at 2671.
- 1.1 1002 Added Font Substitution Messages to the Joblog.
- 1.1 1002 RtvFontAttrs.exe, Invalid RBA message.
- 1.1 1001 (Enhancement) Compress page data segments.
- 1.1 0000 Image orientation > 0 degrees not displayed properly.
- 1.1 0000 Outline placed around images compressed with CCITT G4.
- 1.0 1001 Install/Update, V5R4 machines, CPF3773 (xxx objects not restored).

Installation Instructions

Before you begin:

1. The update will overlay any changes made to **BDS** objects by the user. The user must reapply any changes made to **BDS** supplied objects after applying the update.
2. The update will rename/delete/restore user data files. If for any reason the update process does not complete normally, or receives a function check, Spool PDF Overlay will be unusable and/or user data will be lost. Therefore, we recommend you back up the libraries **BRODERICK** and **BDSDATA** and the IFS directory **/BRODERICK** before starting the update.
3. The supplied media contains the entire Spool PDF Overlay package. If you are installing Spool PDF Overlay for the first time, follow the instructions in Chapter 2, "Installation". Otherwise, use the instructions below to update your system to the new release.
4. These update procedures update a single instance of Spool PDF Overlay. If you have multiple instances of Spool PDF Overlay running in this LPAR, you must run this procedure for each instance.

Update Procedure:

1. **Important** Sign on as the security officer (QSECOFR).
2. Stop all Spool PDF Overlay Functions. Stop all other instances of Spool PDF Overlay and all other BDS products running on this LPAR.
3. Determine your current release of Spool PDF Overlay. Enter the following command:

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Write (on this document) the Release, Modification, and PTF displayed.

For example, 01 00 0102 is 1.0 0102.

4. Install media. Load the install programs from the BDS supplied media. Enter one of the following:

If you have Tape:

```
RSTOBJ OBJ(BOVUP*) SAVLIB(SPDF40) DEV(xxxxx)VOL(*MOUNTED)  
RSTLIB(QTEMP)
```

If you have CD-ROM:

```
RSTOBJ OBJ(BOVUP*) SAVLIB(SPDF40) DEV(OPT01) VOL(BDS)  
RSTLIB(QTEMP) OPTFILE(SPDF40)
```

If you are using a Save file:

You should have a save file containing your media. Verify the contents and note the library saved:

```
DSPSAVF FILE(mylib/myfile)
```

The save file should contain objects for library **SPDF40**.

Restore the update objects from the save file containing library **SPDF40** into library QTEMP:

```
RSTOBJ OBJ(BOVUP*) SAVLIB(SPDF40) DEV(*SAVF) SAVF(mylib/myfile)  
RSTLIB(QTEMP)
```

Enter the lib/name of the save file containing library **SPDF40**.

5. Execute the update procedure. Enter one of the following:

Note: If you have installed Spool PDF Overlay program or data libraries into an IASP, verify that the IASP device's status is **AVAILABLE**. Use the command **WRKCFGSTS CFGTYPE(*DEV) CFGD(your-IASP-dev)**.

If you are using Tape or CD-ROM (Press F4 to prompt):

```
QTEMP/BOVUPD DEV(xxxxx)
```

If you are using a Save file (Press F4 to prompt):

```
QTEMP/BOVUPD DEV(*SAVF) PGMSAVF(mylib/myfile)
```

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Enter the save file containing library **SPDF40** for mylib/myfile.

6. Spool PDF Overlay is now updated to the new release. You will receive a message that your update has completed.
7. Access the BDS Software Server (optional).

Note: Your AS/400 must be connected to the Internet to perform this procedure.

- a) If you have not done so previously, access the tailoring options screen:

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- b) Note the fields “BDS Access Userid” and “Password”. You will need a user ID and password to access some of the server options. If needed, contact BDS administration to get this information. If you add your user id and password, press **ENTER** to enter them and re-enter the setup command.
- c) Press F14, E-Comm. The Software Server display will appear. Take note of the options available to you. When you are finished, press F3 to exit