

SPOOLORGANIZER/400™ UPDATE INSTRUCTIONS

New Release: Release 05, Modification 06, PTF 1201

System Requirements:

AS/400: OS/400 Version 5 Release 3 Modification 0 or later.
Security level 40 or less

SpoolOrganizer/400™: Release 4.0 PTF 0000 or later.

Enhancements

Release 5.6 PTF 0000

Spool PDF Overlay/400™ interface added. Generated PDF files can be created by the Spool PDF Overlay/400™ product, which supports the following:

- Overlays
- Images
- Multiple, Embedded Fonts

All Spool Organizer functions that create PDF files will support the Spool PDF Overlay/400 interface. Contact BDS for a 30-day free trial of the Spool PDF Overlay/400 product.

Release 5.5 PTF 0601

Optical Migration Aid added. Spool entries archived to an Optical Library can be migrated to tape (or ARCFILE) or to the Online Database. Corresponding Optical Catalog entries can be migrated. Index entries pointing to optical entries will be migrated.

Release 5.5 PTF 0000

Encryption added. E-mail attachments and IFS files can be encrypted. The industry standard Rijndael algorithm with a 128 bit key is supported. The encrypted file is Windows exe file that users execute. Users must enter a password to access the attachment. All SpoolOrganizer functions that support E-mail support encryption.

Tape support enhanced. A tailoring option was added, allowing the installation to skip tape mount messages when spool entries are printed from tape.

SPOOLORGANIZER/400™

UPDATE INSTRUCTIONS

Problems Corrected

<u>REL</u>	<u>PTF</u>	<u>DESCRIPTION</u>
5.6	1201	Monitors or DSPOLE, email sple, TSV, MCH3601 received in BSO286 @ 161.
5.6	1104	Create CSV IFS file, create headings gives MCH1202 in BSO286 @ 169.
5.6	1103	DSPOLE exit pgm, spool file attributes parm spaces.
5.6	1103	Sample source BSOIX1, SPLFA0200 parm size increased to 15360 chars.
5.6	1103	Create IFS from optical spool entry, report errors w/more specific message.
5.6	1102	Display a sple, delete work prtf objs in QTEMP after use.
5.6	1102	(Enhancement) DSPOLE cmd, added opt to write selected sple's to the IFS.
5.6	1101	ARCOUQT, OPTOUQT, DIROUQT, FCHOUQT cmds, sple deleted causes SPO1051 and cmd to terminate.
5.6	1101	(Enhancement) PDF, added compress page data option.
5.6	1101	Update, MCH3601 in BSOUP12 possible.
5.6	1101	Function checks, I-O errors due to record lock timeouts.
5.6	1003	DIRSPLE, DIROUQT cmds, Invalid PDF Spec, MCH3401 @ 867 or 970.
5.6	1002	Text, CSV, TSV, HTML, Combine overprinted lines.
5.6	1001	Install/Update, V5R4 machines, CPF3773 (xxx objects not restored).
5.6	0000	PDF files, inch to cm multiplier incorrect.
5.5	0904	DSPOLE, list, 6=Prt, F4, Read-only Auth gives not authorized error.
5.5	0904	Manage Bundle Entries Partial Print, invalid data accepted if F6 pressed.
5.5	0903	Email, date fmt different (job & sysval), fcn chk in BSO295 @ 4400
5.5	0903	Monitors, Email, sple deleted gives API err, MCH3401 in BSO005.
5.5	0903	Monitors, Indexing (Dissassemble), file BSOOLD remains open when Monitor idle.
5.5	0903	Monitor startup, cannot allocate data area BSO40, pgm BSO013 @ 9300.
5.5	0902	(Enhancement) xxxOUTQ cmds, no limit on number of entries in outq.
5.5	0902	Indexing (Dissassemble), zero prt recs in sple causes MCH3401, damaged entry msg.
5.5	0902	Email, long MSF delays and > 1000 sends per job, wrong msg contents sent.
5.5	0902	Spool File Attr Output Priority not numeric causes MCH1202.
5.5	0901	Search ops, Rel='CT', 'Name' fields => may get "invalid characters" msg.
5.5	0804	Use latest version (1.2.3) of Flate compression utility
5.5	0803	Display a spool entry, F15 to email, type CSV gives MCH0603 in BSO262 @ 1322.
5.5	0803	(Enhancement) Email, type PDF, use Flate to compress page data.
5.5	0802	Add Processor Group to password expiration messages.
5.5	0801	ARCARCFDTA cmd, many DupKey messages in the joblog.
5.5	0801	E-mail a Bundle, no entries in Bundle causes function check in BSO262
5.5	0801	Manager DataQ's (Bundle, Index, Log), make size 2 gigabyte
5.5	0704	E-mail, Addr USRPRF(xxx), SMPT route specified in WRKDIRE screen gives CPF3C17, SPO1170
5.5	0704	MGROPTE cmd, LAN-attached, gives OPT6704 (OPNDR cmd not supported)
5.5	0704	(Enhancement) Added MGRCATE (Migrate Archive Catalog Entries) command.
5.5	0703	E-mail, MIME-Version keyword, wrap parentheses around comment.
5.5	0703	E-mail, non-PDF attachments, do not generate mult lines per print line.
5.5	0703	DIROUQT, DIRSPLE cmds, do not generate mult lines per print line.
5.5	0702	PRTOLE cmd, I/O op failed, stmt 407 status 42.

SPOOLORGANIZER/400™

UPDATE INSTRUCTIONS

- 5.5 0701 DSPOLE cmd, opt 6 to Print, sple not on media causes submitted job to loop.
- 5.5 0701 FORMFEED(*CONT2) can cause fcn chk in BSO008 at 21600.
- 5.5 0701 ARCOLE, OPTOLE cmds, many DUPKEY messages may appear in joblog.
- 5.5 0701 (Enhancement) All physical and logical files now ACCPTHISIZ(*MAX1TB).
- 5.5 0605 E-mail addresses, allow hyphen in 1st character.
- 5.5 0604 Display a spool entry, *AFPDS, MCH0601 received in BSO052 @ 3869.
- 5.5 0604 Display a spool entry, *AFPDS, 1 print line taking multiple records optimized.
- 5.5 0604 Monitors, Attribute Change spec, sple deleted causes fcn-chk.
- 5.5 0604 Tailoring Options Display, E-mail Options, Page Measurement *SPLFILE not valid.
- 5.5 0604 Display a Spool Entry, F-15 to E-mail, *PDF, E-mail spec's Page Measurement attr different than PDF spec's causes generated PDF unreadable.
- 5.5 0603 Bundle Manager, Large Bundles, SPO1088 & SPO1086 received, entries not added.
- 5.5 0603 Index Mgr, test End cmd's timestamp before honoring.
- 5.5 0603 Define Bundle Desc, Disp Specifications, From/To not *ALL shows no entries.
- 5.5 0603 DSPSOLOG, search screen, added Bundle Seq and Linum fields.
- 5.5 0603 Monitor, AttrChg HOLD-YES & ToOutq-HOLD gives CPF3337, Monitor ends.
- 5.5 0603 Data Queues now use the Auto Reclaim attribute.
- 5.5 0602 CSV/TSV Specs, from/to columns and lines, allow up to 512.
- 5.5 0000 DSPOLE.htm, Optical Entries, Dis-assembled gives MCH1202 in BSO091.
- 5.5 0000 DSPOLE.htm & WRKACTBDL.htm, CSV, Display gives only a Save option, no Open option.
- 5.5 0000 Disp Sple, E-mail (F-15), invalid E-mail spec causes wrong field highlighted.
- 5.5 0000 Define E-mail specs, attachment name truncate size truncates specified name.
- 5.5 0000 Define E-mail specs, increase truncate size default to 10.
- 5.5 0000 Define E-mail specs, mass change, edit error causes display to hang.
- 5.5 0000 E-mail, attachment name > 32 characters truncated.
- 5.5 0000 SAVOUTQ cmd, outq or lib *ALL or *LIBL, outq or lib not found, send warning msg instead of error.

Installation Instructions

Before you begin:

1. The update will overlay any changes made to **BDS** objects by the user (i.e. BDS subsystem description). 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 Organizer 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 Organizer package. If you are installing Spool Organizer for the first time, follow the instructions in Chapter 2, "Installation". Otherwise, use

SPOOLORGANIZER/400™

UPDATE INSTRUCTIONS

the instructions below to update your system to the new release.

4. If your old release is prior to 5.5 0701, the update will copy/reformat many files, some may be large. This may take a long time and will require temporary disk space approaching the size of Library BDSDATA. A quick time estimate for the copy/reformat processing is 1 to 2 times the amount of time that a RSTLIB would take for library BDSDATA.

Update Procedure:

1. **Important** Sign on as the security officer (QSECOFR).
2. Stop all Monitors and Subsystem BDS.
3. Determine your current release of Spool Organizer. Enter the following command:

BRODERICK/BSOSETUP

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

For example, 05 03 0502 is 5.3 0502. If your release is prior to 4.0 0000 you cannot use these instructions. See "Prerequisites" on Page 1 for more information.

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

If you are using Tape:

```
RSTOBJ OBJ(BSOUP*) SAVLIB(SPOR40) DEV(XXXXX)VOL(*MOUNTED) RSTLIB(QTEMP)
```

If you are using CD-ROM:

```
RSTOBJ OBJ(BSOUP*) SAVLIB(SPOR40) DEV(OPT01) VOL(BDS) RSTLIB(QTEMP)  
OPTFILE(SPOR40)
```

If you are using a Save file:

```
RSTOBJ OBJ(BSOUP*) SAVLIB(SPOR40) DEV(*SAVF) SAVF(IIII/ffff) RSTLIB(QTEMP)
```

Enter the lib/name of the save file containing library **SPOR40**.

5. Execute the update procedure.

Enter one of the following:

If you are using Tape or CD-ROM:

SPOOLORGANIZER/400™ UPDATE INSTRUCTIONS

QTEMP/BSOUPD DEV(XXXXX)

If you are using a Save file:

QTEMP/BSOUPD DEV(*SAVF) PGMSAVF(aaaaa) DTASAVF(bbbbb)

Enter the save file containing library **SPOR40** for aaaaa. Enter the save file containing library **SPOR40DATA** for bbbbb.

6. Spool Organizer 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:

BRODERICK/BSOSETUP

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.