

Customer Tips

Dc02cc0289
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... for the user

Using Remote OUTQ to Print to a Xerox Multifunction Device in an AS/400 Environment

Purpose

Remote OUTQ uses CRTDVPRT to print from an AS/400 to a Xerox multifunction device without modifying print files (as you would do with CRTOUTQ). CRTDEVPRT creates a virtual print device.

Assumptions

This document is intended for users familiar with the AS/400 system, especially those experienced with printing in an AS/400 environment.

The minimum requirements to print to the Xerox multifunction device from an AS/400 are:

- V3R2 or newer version of OS/400.
- Install the licensed program "TCP/IP Connectivity Utilities for AS/400 (5769TC1)."
- The AS/400 must connect to the network.
- Configure the Xerox multifunction device as an AS/400 remote printer (printer pass-through) LPR.

Procedures

1. Verify that you can ping the Xerox multifunction device from the AS/400. If you cannot ping the Xerox multifunction device, the following procedure does not work. For a successful ping, verify that the TCP/IP interface is active and enabled for the Xerox multifunction device.
2. From the AS/400 command line, enter CRTDEVPRT and prompt this command. (To "prompt" a command press F4 instead of Enter.) A list of all valid command parameters and valid options appears for each field.

```
Selection or command
===> crtdevprt

F3=Exit   F4=Prompt   F9=Retrieve   F12=Cancel   F13=Information Assistant
F23=Set initial menu
```

This document applies to these **Xerox** products:

x	WC Pro 32/40 Color
x	WC Pro 65/75/90
x	WC Pro 35/45/55
x	WC M35/M45/M55
x	DC 555/545/535
x	DC 490/480/470/460
x	DC 440/432/425/420
x	DC 340/332
x	DC 265/255/240
x	DC 230/220
	DCCS 50

3. Fill in the fields in the following list (if a field is not specified, use the default value or leave it blank):
 - Device Description (DEVD): You may name the device anything you wish (such as "DC230").
 - Device Class (DEVCLS): *VRT
 - Device Type (TYPE): 3812
 - Device Model (Model): 1

```

Create Device Desc (Printer) (CRTDEVPR)

Type choices, press Enter.

Device description . . . . . DC230      Name
Device class . . . . . xurt           xLCL, xAMT, xURT, xSNPT, xLAN
Device type . . . . . 3812           3287, 3812, 4019, 4201...
Device model . . . . . 1             0, 1, 2, 3, 4, 10, 13, 301...

```

4. Press <F10> to access additional parameters:
 - Online at IPL (ONLINE): *no
 - Font Identifier (FONT): 11 (Leave the default value of *none for Point Size.)

```

Online at IPL . . . . . ONLINE      > xNO
Attached controller . . . . . CTL
Font:
  Identifier . . . . . > 11
  Point size . . . . . xNONE

```

5. Press <Enter> twice. A message at the bottom of the screen appears, indicating that you successfully created the device.
6. From the AS/400 command line enter CHGOUTQ and prompt this command (press <F4>).

```

Selection or command
===> chgoutq

```

7. Fill in the Output Queue (OUTQ) field with the same name used to define the print device (for example, DC230).

```

Change Output Queue (CHGOUTQ)

Type choices, press Enter.

Output queue . . . . . DC230      Name
Library . . . . . xLIBL         Name, xLIBL, xCURLIB

```

8. Press <F10> then <F9> to display all additional parameters:
 - Remote system (RMTSYS): *INTNETADR for this field.

```

Remote system . . . . . xintnetadr

```

- Remote Printer Queue (RMTPRQ): 'lp.' You must enclose the lower case lp in single quotes to preserve the lower case characters.

```

Remote printer queue . . . . . 'lp'

```

- Writers to autostart (AUTOSTRWTR): 1

```

Writers to autostart . . . . . 1_____ 1-10, *NONE
Queue for writer messages . . .  QSYSOPR_____ Name
Library . . . . . xLIBL_____ Name, xLIBL, xCURLIB
Connection type . . . . . xip_____ xSNA, xIP, xIPX, xUSRDFN
Destination type . . . . . xother_____ xOS400, xOS400V2, xPSF2...
Host print transform . . . . . xYES_____ xYES, xNO
User data transform . . . . . xNONE_____ Name, xNONE
Library . . . . . _____ Name, xLIBL, xCURLIB
Manufacturer type and model . . xHP5SI_____
Workstation customizing object xNONE_____ Name, xNONE
Library . . . . . _____ Name, xLIBL, xCURLIB
Image configuration . . . . . xNONE_____ xNONE, xIMGA01, xIMGA02...
Internet address . . . . . '13.234.167.191'_____
UM/MUS class . . . . . B_____ A, B, C, D, E, F, G, H, I...
Forms Control Buffer . . . . . xNONE_____ Character value, xNONE...
More...
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys

```

- Connection Type (CNNTYPE): *IP
- Destination Type (DESTTYPE): *other
- Manufacturer Type (MFRTYPMDL): *Hp5si
- Internet Address (INTNETADR): Specify the IP address of the Xerox multifunction device. Enclose the address in a pair of single quotes.

9. Press **<Enter>**. The OUTQ is modified to print to the Xerox multifunction device with the IP address indicated in step 8.
10. To test the print function, the AS/400 system operator should move a spooled file to print to the newly created OUTQ.

If the print function from AS/400 to the Xerox multifunction device does not work, verify that the print writer is started. At an AS/400 command line, type `STRRMTWTR <DEV D name of the writer you specified>`.

Printing a Single Spool File

In addition to using CRTDEVPRT, you can use the LPR command to print a single spool file. To do so, record the follow attributes from the spool file that you wish to print.

- The file name.
- The file number.
- The job name.
- The user name.
- The job number.

To obtain these attributes:

1. Display the OUTQ that contains the spool file you wish to print and press **<F11>** to change the view. A screen similar to the following example appears.

```

Opt  File          File Nbr  Job          User          Number  Date       Time
--  -
-   QPJOBLOG        1   QSNMPSA     QTCP          000588  05/18/00  14:07:42
-   QPJOBLOG        1   QPWFSERVS0 QUSER         000559  05/18/00  14:07:39
-   QPJOBLOG        1   ADMIN       QTHMHTTP     001734  06/08/00  00:01:25

```

2. Enter the LPR command on any command line and press **<F4>**.

```

Remote system . . . . . *intnetadr
Printer queue . . . . . 'lp'
Spooled file . . . . . 00joblog Name
Job name . . . . . 0SNMPSR Name, *
User . . . . . gtcp Name
Number . . . . . 000588 000000-999999
Spooled file number . . . . . 1 1-9999, *ONLY, *LAST
Destination type . . . . . *OTHER *RS400, *PSF2, *OTHER
Transform SCS to ASCII . . . . . *YES *YES, *NO

```

3. Enter data in the following fields:

- Remote system (RMTSYS): *INTNETADR
- Printer Queue (PRTQ): 'lp' (including the single quotes)
- Spooled File: Specify the file name of the spooled file.
- Job Name: Specify the job name of the spooled file.
- User: Specify the user name.
- Number: Specify the job number.
- Spooled file number (SPLNBR): Specify the file number.

4. Press **<F10>** to bring up additional parameters:

- Manufacturer type and model (MFRTYPMDL): *HP5SI

```

Manufacturer type and model . . MFRTYPMDL *HP5SI

```

Scroll down to the next page.

- Internet address (INTNETADR): Specify the IP address of the Xerox multifunction device. The address must be contained in a pair of single quotes.

```

Internet address . . . . . INTNETADR '13.234.167.180'

```

5. Press **<Enter>** to send the spooled file to the Xerox multifunction device. Be sure to have the file on save status of *yes if you wish to keep the file.

Additional Information

This document was developed by the Document Centre Technical Support Operations and the Customer Support Centre in Lewisville, Texas.

Xerox Customer Service welcomes feedback on all documentation - send feedback via e-mail to: USA.DSSC.Doc.Feedback@mc.usa.xerox.com.

You can reach Xerox Customer Support at 1-800-821-2797 (USA), TTY 1-800-855-2880 or at <http://www.xerox.com>.

Other Tips about Xerox multifunction devices are available at the following URL: <http://www.xerox.com/DocumentCentreFamily/Tips>.

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