# How to Set-up Non-IPDS Printing using Host Print Transform (HPT)

## Step 1: Create non-IPDS DEVD

In the command line, type:
CRTDEVPRT   *[press enter]*

Then fill up the following fields:
Device description: MS810HPT *[or you can have any name]*
Device class: *LAN
Device type: 3812
Device Model: 1
Lan attachment: *IP
Port number: 9100
Online at IPL: *YES
Font:
Identifier: 11
Point size: *NONE
Form feed: *AUTOCUT
Separator drawer: *FILE
Separator program: *NONE
Library:

Press Enter.

Activation timer: 170
Inactivity Timer: *SEC15
Host print transform: *YES

Press Enter.

Manufacturer type and model: *LEXMARKT634 *[or press F4 and choose the closest model]*
Paper source 1: *MFRTYPMDL
Paper source 2: *MFRTYPMDL
Envelope source: *MFRTYPMDL
ASCII code page 899 support: *NO
Image configuration: *NONE
Character Identifier:
Graphic character set: *SYSVAL
Code page
Remote location Name or address: 10.194.15.69 *[IP address of the printer]*
.
.
.
System driver program: *IBMPJLDRV
.
.
Worksation customizing object:  none
Library

```
                 Create Device Desc (Printer) (CRTDEVPRT)

Type choices, press Enter.

Device description . . . . . . . > MS810HPT      Name
Device class . . . . . . . . . . > *LAN          *LCL, *RMT, *VRT, *SNPT, *LAN
Device type  . . . . . . . . . . > 3812          3287, 3812, 4019, 4201...
Device model . . . . . . . . . . > 1             0, 1, 2, 3, 4, 10, 13, 200...
LAN attachment . . . . . . . . . > *IP           *LEXLINK, *IP, *USRDFN
Port number  . . . . . . . . . . > 9100          0-65535
Online at IPL  . . . . . . . . .   *YES          *YES, *NO
Font:
  Identifier . . . . . . . . . . > 11            3, 5, 11, 12, 13, 18, 19...
  Point size . . . . . . . . . .   *NONE         000.1-999.9, *NONE
Form feed  . . . . . . . . . . . > *AUTOCUT      *TYPE, *CONT, *CONT2, *CUT...
Separator drawer . . . . . . . .   *FILE         1-255, *FILE
Separator program  . . . . . . .   *NONE         Name, *NONE
  Library  . . . . . . . . . . .                 Name, *LIBL, *CURLIB
Printer error message  . . . . .   *INQ          *INQ, *INFO

                                                                      More...
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

```
                 Create Device Desc (Printer) (CRTDEVPRT)

Type choices, press Enter.

Message queue  . . . . . . . . .   *CTLD         Name, QSYSOPR
  Library  . . . . . . . . . . .                 Name, *LIBL, *CURLIB
Activation timer . . . . . . . .   170           1-2550, *NOMAX
Inactivity timer . . . . . . . . > *SEC15        1-30, *ATTACH, *NOMAX...
Host print transform . . . . . .   *YES          *NO, *YES
Manufacturer type and model  . . > *LEXMARKT634
Paper source 1 . . . . . . . . .   *MFRTYPMDL    *MFRTYPMDL, *LETTER...
Paper source 2 . . . . . . . . .   *MFRTYPMDL    *MFRTYPMDL, *LETTER...
Envelope source  . . . . . . . .   *MFRTYPMDL    *MFRTYPMDL, *MONARCH...
ASCII code page 899 support  . .   *NO           *NO, *YES
Image configuration  . . . . . .   *NONE         *NONE, *IMGA01, *IMGA02...
Character identifier:
  Graphic character set  . . . .   *SYSVAL       1-32767
  Code page  . . . . . . . . . .                 1-32767

                                                                      More...
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

```
                 Create Device Desc (Printer) (CRTDEVPRT)

Type choices, press Enter.

Remote location:
  Name or address  . . . . . . . > '10.194.15.175'


User-defined options . . . . . .   *NONE         Character value, *NONE
            + for more values
User-defined object:
  Object . . . . . . . . . . . .   *NONE         Name, *NONE
    Library  . . . . . . . . . .                 Name, *LIBL, *CURLIB
  Object type  . . . . . . . . .                 *DTAARA, *DTAQ, *FILE...
Data transform program . . . . .   *NONE         Name, *NONE
  Library  . . . . . . . . . . .                 Name, *LIBL, *CURLIB
System driver program  . . . . . > *IBMPJLDRV
Secure connection  . . . . . . .   *NO           *NO, *YES

                                                                      More...
F3=Exit   F4=Prompt   F5=Refresh   F12=Cancel   F13=How to use this display
F24=More keys
```

```
                  Create Device Desc (Printer) (CRTDEVPRT)

 Type choices, press Enter.


 Validation list  . . . . . . . .     *NONE          Name, *NONE
   Library  . . . . . . . . . .                      Name, *LIBL, *CURLIB
 Publishing information:
   Support duplex . . . . . . . .     *UNKNOWN       *UNKNOWN, *SIMPLEX, *DUPLEX
   Support color  . . . . . . . .     *UNKNOWN       *UNKNOWN, *NOCOLOR, *COLOR
   Pages per minute black . . . .     *UNKNOWN       1-32767, *UNKNOWN
   Pages per minute color . . . .     *UNKNOWN       1-32767, *UNKNOWN
   Location . . . . . . . . . . .     *BLANK
   Data streams supported . . . .     *UNKNOWN       *UNKNOWN, *PCL, *PS, *PDF...
              + for more values
 Text 'description' . . . . . . .     DEVD for HPT Printing



                        Additional Parameters

 Remote network identifier  . . .     *NETATR        Name, *NETATR, *NONE
                                                                         More...
 F3=Exit    F4=Prompt    F5=Refresh    F12=Cancel    F13=How to use this display
 F24=More keys
```

```
                  Create Device Desc (Printer) (CRTDEVPRT)

 Type choices, press Enter.


 Workstation customizing object      *NONE          Name, *NONE
   Library  . . . . . . . . . . .                   Name, *LIBL, *CURLIB
 Authority  . . . . . . . . . . .     *CHANGE        Name, *CHANGE, *ALL, *USE...













                                                                       Bottom
 F3=Exit    F4=Prompt    F5=Refresh    F12=Cancel    F13=How to use this display
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```

After filling up the values above, press enter to save and create the DEVD.

## Step 2: Now you are ready to print!

Vary on DEVD, and turn on the MS810HPT WTR. To print the job you can either transfer the job to the MS810HPT OUTQ that was created with the DEVD or change the WTR so it points to the OUTQ containing the job you want to print.

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                       Change Writer (CHGWTR)

 Type choices, press Enter.

 Writer . . . . . . . . . . . . . >  MS810HPT       Name, *SYSVAL
 Output queue . . . . . . . . . .     PRT01N         Name, *SAME, *DEV
   Library  . . . . . . . . . . .     QGPL           Name, *LIBL, *CURLIB
 Form type options:
   Form type  . . . . . . . . . .     *SAME          Form type, *SAME, *ALL...
   Message option . . . . . . . .     *SAME          *SAME, *INQMSG, *MSG...
 File separators  . . . . . . . .     *SAME          0-9, *SAME, *FILE
 Drawer for separators  . . . . .     *SAME          1-255, *SAME, *DEVD, *FILE
 When to change writer  . . . . .     *NORDYF        *NORDYF, *FILEEND






                                                                       Bottom
 F3=Exit    F4=Prompt    F5=Refresh    F12=Cancel    F13=How to use this display
 F24=More keys
```