

This SR supports the following features for PR2 and PR3 Bluetooth printers:

- Print a test page from the Wireless Printing app.
- Get and set settings for Intermec Settings
- Get health for the Dashboard.
- When running on a device with a SmartSystems V4.x client the connected printer will appear in the “Peripherals”, “Printer” section on a SmartSystems V4.5x console and enable gathering of health information and installing files on the printer.

The following file types can be installed to a PR2 or PR3:

- Bootloader files (Must have “boot” in the filename and a “bin” file extension. Ex. “MyBootFile.bin”)
- Firmware files (Must NOT have “boot” in the filename and a “bin” file extension. Ex. “MyFirmwareFile.bin”)
- Graphics files (Must be monochrome pcx file with a “pcx” file extension)
- Font files (Must be TrueType file with a “ttf” file extension)
- Alias files (Allows graphic and font files to be use by a specific command languages)

## Alias file formats:

Multiple aliases of the same type can be in an alias file. Each alias should be on a separate line.

The font alias file for ESC/P must be named ESCPFNT.ALS. The file format follows:

```
<ID>x<NAME>xxxxx<FONT>xxxxxxx<HEIGHT>xx<WIDTH>xx<SLANT>xx<ENC>xxxx<TYPE>x
```

ID: One character name

NAME: Five character name

FONT: The TrueType font filename

HEIGHT: The height of the font in pts (Requires printer firmware V13.1.1)

WIDTH: The width of the font percent (1-1000) (Requires printer firmware V13.1.1)

SLANT: The slant of the font in degrees (0-90) (Requires printer firmware V13.1.1)

ENC: The character encoding value

TYPE: 0 for single byte characters, 1 for double byte characters

Ex. <ID>A<NAME>CALIB<FONT>Calibri<HEIGHT>12<WIDTH>100<SLANT>0 <ENC>0437<TYPE>0

The font alias file for XSim must be named XSIMFNT.ALS. The file format follows:

```
<ID>x<FONT>xxxxxxx<HEIGHT>xx<WIDTH>xx<SLANT>xx<ENC>xxxx<TYPE>x
```

ID: One character name

FONT: The TrueType font filename

HEIGHT: The height of the font in pts (Requires printer firmware V13.1.1)

WIDTH: The width of the font percent (1-1000) (Requires printer firmware V13.1.1)

SLANT: The slant of the font in degrees (0-90) (Requires printer firmware V13.1.1)

ENC: The character encoding value

TYPE: 0 for single byte characters, 1 for double byte characters

Ex. <ID>A<FONT>Calibri<HEIGHT>12<WIDTH>100<SLANT>0 <ENC>0437<TYPE>0

The font alias file for CSim must be named CSIMFNT.ALS. The file format follows:

<ID>nnnnnnnnnnnnnnnnnn<SYSFONT>xxxxxx<HEIGHT>xx<WIDTH>xx<SHEIGHT>xx

ID: Twenty character name

SYSFONT: The TrueType font filename

HEIGHT: The height of the font in pts

WIDTH: The width of the font percent (1-1000)

SHEIGHT: The slant of the font in degrees (0-90)

The image alias file for XSim must be named XSIMIMG.ALS. The file format follows:

<ID>x<IMAGE>xxxxxx

ID: One character name

IMAGE: The name of the image file

Ex. <ID>L<IMAGE>MyCompanyLogo.pcx

The image alias file for ESC/P images must be named ESCPIMG.ALS. The file format follows:

<ID>x<NAME>xxxxx<IMAGE>xxxxxx

ID: One character name

NAME: Five character name

IMAGE: The name of the image file

Ex. <ID>L<NAME>LOGO<IMAGE>MyCompanyLogo.pcx

No image alias file is needed for CSim. The image files can be accessed by name.

### **Installing files without SmartSystems:**

Files may be installed on the printer without using SmartSystems. Files to be installed are first copied to the device folder \SmartSystems\PrinterUpdates (the folder may need to be created).

Then the following SmartSystems command should be copied into a file and the file should then be put in the folder \SmartSystems\SSConfigDir.

```
<DevInfo Action="Get">  
<Subsystem Name="Printer">  
<Group Name="Custom Action">  
<Field Name="Install Printer Files"></Field>  
</Group>  
</Subsystem>  
</DevInfo>
```

This will start the install file process. For devices with the Dashboard the printer status in the Dashboard will indicate file updates are in progress. Additionally the printer display will be rapidly flashing when the installation is in progress.