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### 1. Functional Specification

The Font Filter provides PCL5 fonts for PCL5 print jobs which require fonts that are not available in the printer. The Fonts can be stored in BENS Fonts repository. The purchase of the fonts is the responsibility of the customer. Each font must be in PCL5 downloadable Format as bitmapped font or scalable font. Each font must contain a unique font ID. For more information about fonts refer to the PCL Reference Guide.

**Note:** No configuration file is needed for the Font Filter.

## 2. Installation of the Font Filter

For installing the Font Filter on BENS, please proceed as follows:

- Start the BENS HTML administration tool and log on.
- Select the module **Plugins** and then click on the button **Add / Upgrade Plugin**.
- Click on the button **Explore**, mark the Font Filter file and click on the button **Upload**. The name of the filter then appears in the list of all filters available on BENS.

**Note:** *Assigning a filter to a virtual printer consumes one licence. The number of available licences can be checked using the module **Licenses**. The used and available licences are displayed in the column "Virtual Printers" of the displayed license table.*

### 2.1. Assigning of the Font Filter to a virtual printer

Installed filters only work on virtual printers to which they were assigned. To assign the Font Filter to a virtual printer, proceed as follows:

- Choose the module **Virtual Printers**
- Double-click on the name of the virtual printer to come to the edit dialog.
- Select the tab **Plugins**
- Select the Plugin **Font** from the drop down list and click on **Add Plugin**.
- The Font Filter appears in the list of active filters assigned to the selected virtual printer.

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**BENS OS4** Virtual Printers

[+] Add Virtual Printer

ID	Name	Queue/Port	Type	SNMP Index	IOS-Printing	Status	Operations
1	test	q1	lpr	2		● (ok)	

Information **Plugins** Edit

Add New Plugin

-- Select a Plugin --

ID	Code Name	Config File	Installed	Operations
0	fontfilter		true	Delete View

[+] 2 Unicode Printer lpr 3 ● (ok)

## 2.2. Uploading a Font on BENS server

The filter Font requires PCL5 fonts that are stored in the BENS repository. The PCL5 fonts must be uploaded on BENS before they can be used by the Font Filter.

To upload a PCL5 font on BENS server, proceed as follows:

- Choose the module **PCL Fonts** and double-click on **Font**.
- Click on **Explore**, select the PCL5 font file and click on **Upload**.
- The uploaded PCL5 font appears in the list of available PCL5 fonts.

**Note:** Only licensed fonts or fonts owned by BENS user shall be uploaded on BENS.

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PCL Fonts

[+] Add/Upgrade Font

Durchsuchen... Keine Datei ausgewählt.

Description

Upload

1 (1)		Clear		20	
	Name	Size	Last modification	Description	Operations
[+]	ARABIA.SFS	82.8 KB	2016-12-09 10:56:01		
[+]	AVANTGAR.SFS	45.5 KB	2016-12-09 10:56:06		
[+]	TAHOMA.SFS	43.5 KB	2016-12-09 10:56:15		