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BENS OCR-A/OCR-B Filter Manual



Release May 2017

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1 Functional Specification

This filter enables printing with the fonts OCR-A and OCR-B on PCL printers.

Example of the OCR-A font:

```
0123456789  
ABCDEFGHIJKLMN0PQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxy
```

Example of the OCR-B font:

```
0123456789  
ABCDEFGHIJKLMN0PQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxy
```

2 Installation of the Universal Filter

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

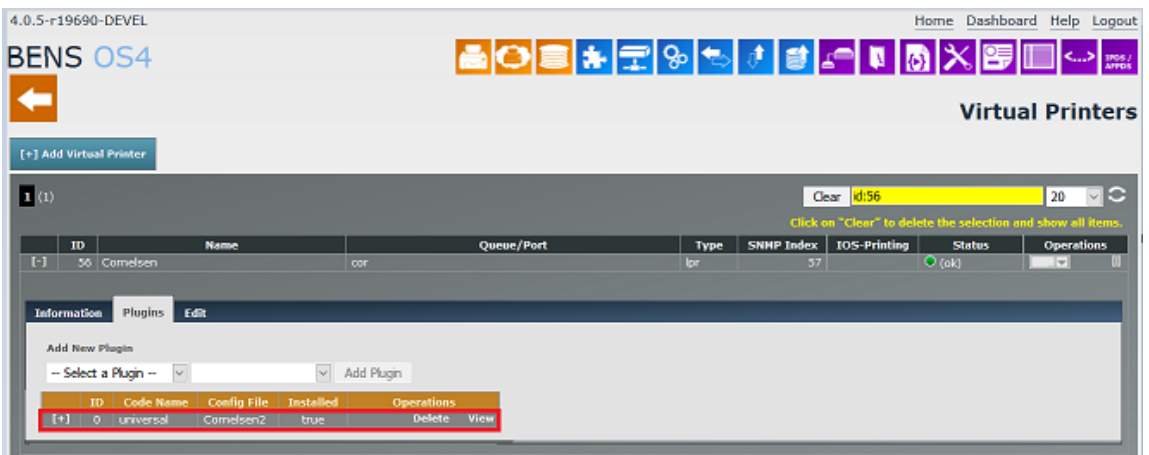
- Start the BENS HTML administration tool and log on.
- Select the module **Plugins** and then click on the button **Add / Upgrade Plugin**.
- Click on the button **Explore**, mark the Filter file and click on the button **Upload**. The name of the filter then appears in the list of all filters available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

Installed filters only work on virtual printers to which they were assigned. To assign the 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 from the drop down list and click on **Add Plugin**.
- The selected Filter appears in the list of active filters assigned to the selected virtual printer.



2.2 Deleting a filter

A filter may be deleted only if it is not assigned to any virtual printer. If you need to delete a filter, you have to release the assignment from all virtual printers to which this filter has been assigned. To release filter from a virtual printer proceed as follows:

- Choose the module **Virtual Printers** and select the tab **Plugins**.
- Click on **Delete** in the "Operations" column.

To delete filter from BENS proceed as follows:

- Choose the module **Plugins**.
- Click on the gray button in the column **Operations** and select the option **Delete**.

3 PCL Commands:

The PCL command for **OCR-A** is:

Esc(00 *Esc* (s0s0p10h12v104T

The PCL command for **OCR-B** is:

Esc(10 *Esc* (s0s0p10h12v110T

Esc means the character „Escape“ with the ASCII value 27 dec. or. 0x1B hex.

The PCL-Command for both fonts comply with PCL-standards. For this reason both fonts can be used without any adoption e.g. by common ERP-Systems.

4 Character mapping OCR-A

The character mapping of OCR-A complies with common standards.

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0																
1																
2		!	"	#	\$	%	&	'	()	*	+	,	-	.	/
3	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
4	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
5	P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	Y
6	H	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
7	p	q	r	s	t	u	v	w	x	y	z	{		}		■
8																
9																
A																
B																
C																
D																
E																
F																

5 Character mapping OCR-B

The character mapping of OCR-B complies with common standards.

	x0	x1	x2	x3	x4	x5	x6	x7	x8	x9	xA	xB	xC	xD	xE	xF
0x																
1x																
2x		!	"	#	\$	%	&	'	()	*	+	,	-	.	/
3x	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
4x	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
5x	P	Q	R	S	T	U	V	W	X	Y	Z	[\]	^	_
6x	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
7x	p	q	r	s	t	u	v	w	x	y	z	{		}		
8x																
9x																
Ax		i	¢	£	¤	¥	¦	§	¨	©	ª	«	¬		®	
Bx	°	±	²	³	´	¶	·	¸	¹	º	»	¼	½	¾	¿	
Cx	À	Á	Â	Ã	Ä	Å	Æ	Ç	È	É	Ê	Ë	Ì	Í	Î	Ï
Dx		Ñ	Ò	Ó	Ô	Õ	Ö	×	Ø	Ù	Ú	Û	Ü	Ý		ß
Ex	à	á	â	ã	ä	å	æ	ç	è	é	ê	ë	ì	í	î	ï
Fx		ñ	ò	ó	ô	õ	ö		ø	ù	ú	û	ü	ý		ÿ