Suchy MIPS

if it comes to print

www.suchymips.de

PrintToBox

BENS G4 Printserver
SSD
Solid State Drive
www.suchymips.de

Windows Server 2008
Hyper-V

vmware

Xen

BENS
PrintToBox Filter
Manual

BENS G4 Printserver
SSD
Solid State Drive
www.suchymips.de

Release May 2017

Contents

1   Introduction

The PrintToKMBox Filter

The **BENS** PrintToKMBox filter enables the filing of print data in the electronic box of a Konica Minolta printer. This filter is employed in situations where the user has no possibility to make the relevant driver settings. This, for example, is the case when printing from ERP systems, like the well-known SAP System. Via a configuration file the administrator is enabled to determine into which box the printouts are made, individually for each single virtual printer.

2   Installation of the PrintToKMBox Filter

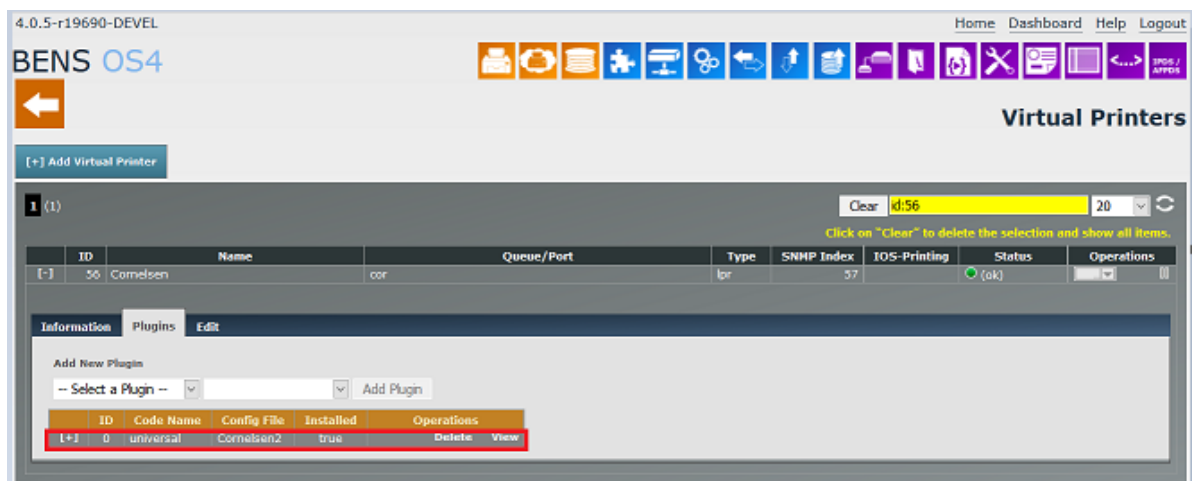For installing the Filter on BENS, please proceed as follows:

- 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   Uploading a Filter configuration file

The filter **PrintToKMBox** supports printing to a particular, electronical Box defiend on the printer. The configuration file defines the which box number shall be used for particular user. A configuration file can be created with a simple text editor like notepad or notepad++. Details about the configuration will be displayed later.

To upload a configuration file, proceed as follows:

- Choose the module *Plugins* and double-click on the appropriate filter in the the plugins list. The Plugin Window enlarges and displays all already for the selected Plugin existing configurations.
- Click on *Explore*, select the configuration file and click on *Upload*.
- The new configuration file appears in the list of all configurations available for the selected filter.

Note: An unlimited number of configuration files may be uploaded. The same configuration files may be assigned to filters on different virtual printers.

2.3   Assigning a configuration to a virtual printer

To assign a configuration to a virtual printer, proceed as follows:

- Choose the module *Virtual Printers.*
- Double-click on the name of the virtual printer which has to be modified.
- Select the tab **Plugins.**
- Double-click on the filter name in the field **Code Name** and select a configuration.
- Click on *SET* to make the changes permanent.

Note: *One configuration may be assigned per filter and virtual printer but different configuration files may be assigned to the same filter on different virtual printers*

2.4   Deleting a configuration file

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

- Choose the module *Virtual Printers* and select the tab *Plugins*.
- Double-click on the filter name in the column **Code name**.
- Don't select any configuration file (--Select a Config--) must be visible in the Configurations list) and click on "SET"

To delete a configuration file from BENS proceed as follows:

- Choose the module *Plugins* and double-click on filter name in the column "Name".
- Click on *Delete* in the "Operations" column.

2.5   Downloading a configuration file

- Choose the module *Plugins* and click on the name of the filter in the column "Name".
- Click on *Download* in the column "Operations". Depending on the browser used, you can open the file directly or download it to the local system. After downloading, the file can be opened by any editor, such as Notepad or Notepad++ (recommended).

2.6   Changing a configuration file

- Choose the module *Plugins* and double-click on the name of filter to which the configuration belongs.
- Double-click on the configurations name in the column "Name".
- Make changes and click on *Save*.

2.7   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*.

2.8 Updating a configuration file

An existing configuration file may be updated, even if it is assigned to virtual printers:

- Existing configuration will be overwritten by uploaded configurations if the file name will match. Follow the instruction for uploading a configuration to update a configuration.

3   Configuration File for the PrintToKMBox Filter

The PrintToKMBox filter always requires a configuration file in which the properties of the box are defined into which you wish the printouts to be directed.

```xml
<?xml version="1.0" encoding="iso-8859-2" ?>

<MAIN>

  <JOB_SETTINGS>

    <MultiJobSupport>NO</MultiJobSupport>
    <PCL6SUPPORT>YES</PCL6SUPPORT>
    <PCL5SUPPORT>YES</PCL5SUPPORT>

  </JOB_SETTINGS>

  <BOX_SETTINGS>

    < BOXHOLD >store</BOXHOLD>
    <BOXNUM>705</BOXNUM>
    <BOXFilENAME>Box1</BOXFILENAME>
    <BOXHOLDTYPE>Public</BOXHOLDTYPE>

  </BOX_SETTINGS>

</MAIN>
```

3.1   <MAIN>

Between the TAGs <MAIN> and </MAIN> standard settings can be made. This way the printer's operating mode is affected.

3.2   <MultiJobSupport>

<MultiJobSupport>NO</MultiJobSupport>

This TAG defines the standard character set that is used if no other character set was defined in the print data.

Valid values are:

YES: Multijob spoolfiles are supported
NO: Multijob spoolfiles are not supported

3.3   <PCL6SUPPORT>

<PCL6SUPPORT>YES</PCL6SUPPORT>

This TAG defines whether or not PCL6 jobs are supported.

Valid values are:

YES: PCL6 jobs are supported
NO: PCL6 jobs are not supported

3.4   <PCL5SUPPORT>

<PCL5SUPPORT>YES</PCL6SUPPORT>

This TAG defines whether or not PCL5 jobs are supported

Valid values are:

YES: PCL5 jobs are supported
NO: PCL5 jobs are not supported

3.5 <BOXHOLD>

< BOXHOLD >store</BOXHOLD>

This TAG defines how the print job is handled by the printer (e.g. only save in the box or save in the box and print).

Valid values are for example „store" and „storeandprint". However, other values can also be entered. The operating mode has to be coordinated with the PJL specification of the relevant printer.

3.6 <BOXNUM>

< BOXNUM >705</BOXNUM>

This TAG defines the number of the box.

3.7 <BOXFILENAME>

< BOXFILENAME >Box1</BOXFILENAME>

This TAG defines the name of the box. The name has to correspond to the actual name of the box defined on the printer.

3.8 <BOXHOLDTYPE>

< BOXHOLDTYPE >public</BOXHOLDTYPE>

This TAG defines the access rights to the print job.