TBarCode/Embedded
Barcode Filter for SEH ISD400 / ISD410

Version 9.1

Quick Start Guide

WWW.TEC-IT.COM

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3 Introduction

3.1 About

With the Intelligent Spooling Device SEH ISD400 / ISD410 and the add-on software package **TBarCode/Embedded** you can turn selected PostScript® and PCL® printers into barcode-enabled printers. You can print linear barcodes as well as high-density 2D barcodes from within any application (e.g. SAP® R/3®).

TBarCode/Embedded will filter all print jobs in the selected queues for specific control sequences. These sequences are then replaced by the corresponding barcodes.

3.2 About this Document

This Manual provides basic information on setting up **TBarCode/Embedded** on the SEH ISD400 / ISD410 and how to create a first test print-out with barcodes. For specific information on control sequences, available barcodes types, and more, please refer to the included user manual (see below).

3.3 Requirements

For the installation of **TBarCode/Embedded** the file *"TBarCodeEmbedded-XXX-ISD400.zip"* is required (XXX stands for the version number of **TBarCode/Embedded**). You can download this file from http://www.tec-it.com or you can request it from support@tec-it.com.

The zip file contains

- the filter software (tbarcode-XXX-filter.bin),
- sample print jobs for PostScript and PCL printers (seh_test.ps, seh_test.pcl) and
- a user manual (TBarCode_SEH_ISD400_Man.pdf).

3.4 Demo Version / Licensing

The download provides a demo version of **TBarCode/Embedded.** This demo is fully functional. However, as long as you have not licensed the product an additional horizontal bar will be printed over the barcodes. Usually this horizontal bar does not affect the readability of the barcode for evaluation purposes.

For purchasing a license, please contact office@tec-it.com.

4 Install TBarCode/Embedded

4.1 Set up the ISD400

Before you proceed with the following steps, please create at least one printer queue on the ISD400 / ISD410 and test it.

4.2 Install TBarCode/Embedded on the ISD400 / ISD410

In order to install **TBarCode/Embedded** open the ISD400 / ISD410 administration homepage and login as administrator.

Proceed as follows:

1. Select *MAINTENANCE* ❶.
2. Select *Software* ❷.
3. Mark the option "Install software" ❸.
4. Click *Next* ❹.
5. Click *Browse…* ❺.
6. Select the file "tbarcode-XXX-filter.bin".
7. Click *Next* ❻.
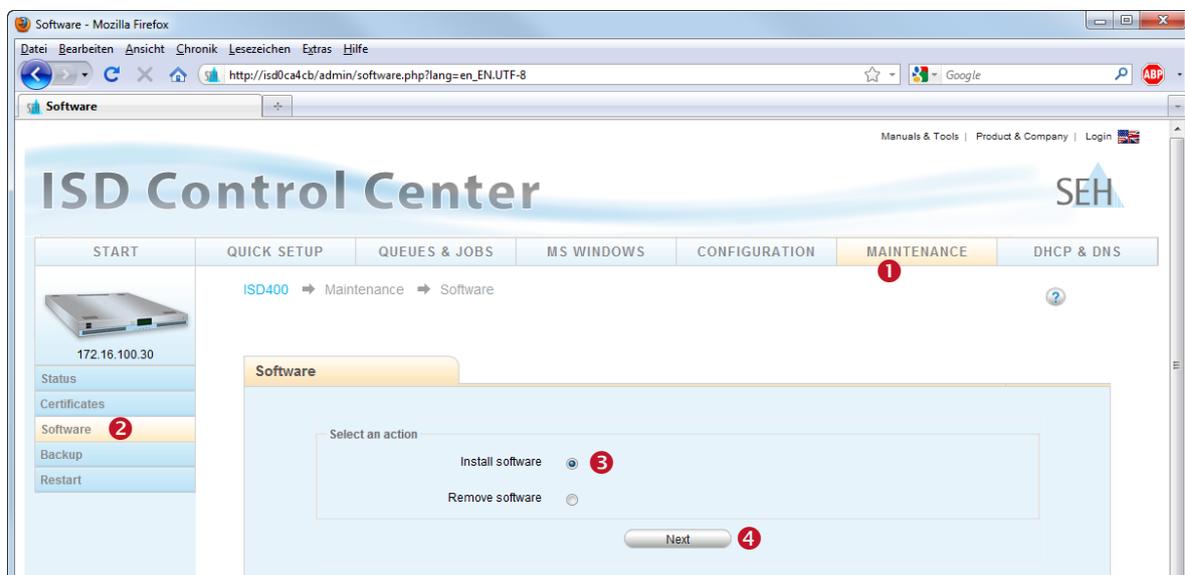8. Click *Next* again.
9. Click *OK* to confirm.

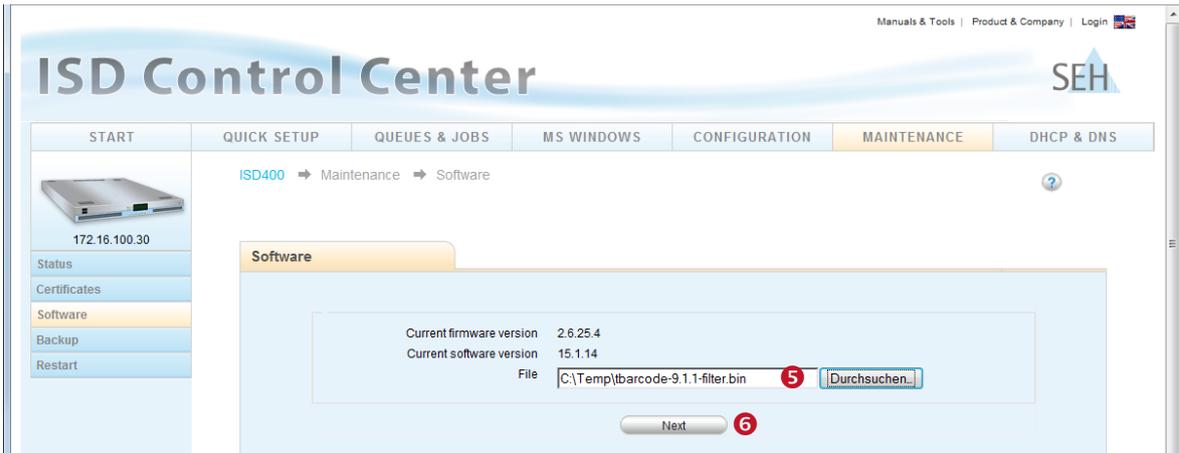*Figure 1: Install TBarCode/Embedded – Step 1*

Figure 2: Install TBarCode/Embedded – Step 2

4.3 Assign TBarCode/Embedded to a Printer Queue

Before you can use the filter it must be assigned to one or more printer queues. Proceed as follows:

1. Select *QUEUES & JOBS* ❶.
2. Select *Settings* ❷ for the relevant queue.
3. Select *Filter* ❸.
4. Mark the filer "tbarcode" in the "Available" list ❹.
5. Click *Add* ❺.
6. Click *OK* ❻ to confirm.

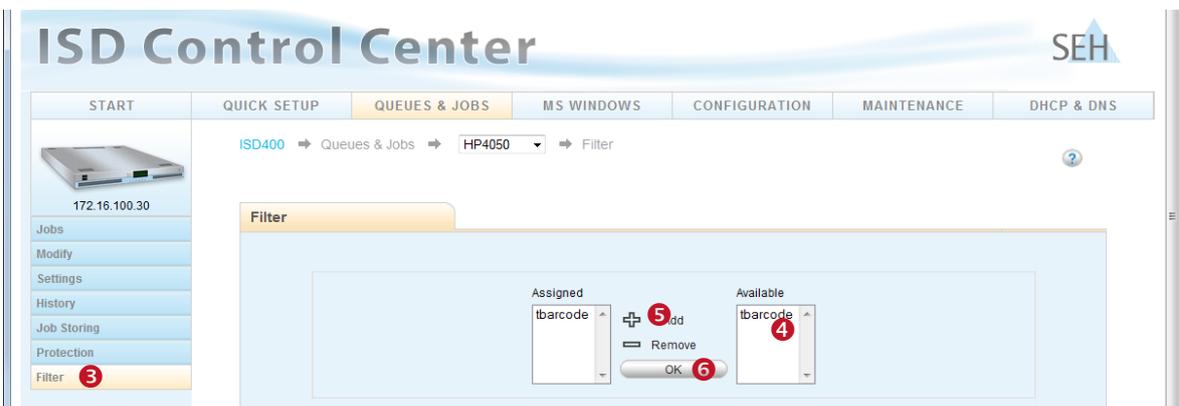*Figure 3: Assign TBarCode/Embedded to Print Queue – Step 1*

Figure 4: Assign TBarCode/Embedded to Printer Queue – Step 2

5 Test Print-Out

5.1 Print the included Sample Files

Now you can send one of the included sample job files to the ISD400 / ISD410. Open a command shell and type the following command:
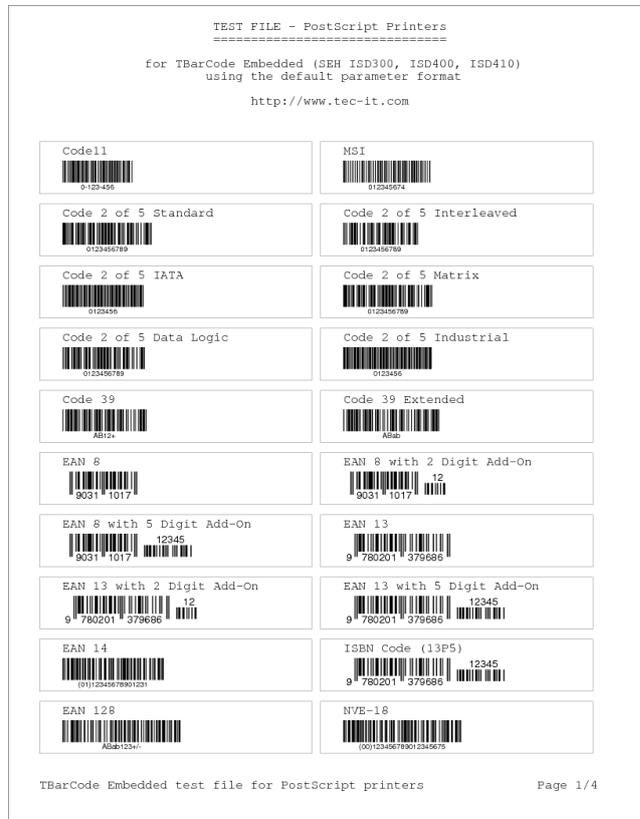
Under Windows[1]:

```
lpr -S <hostname> -P <printerqueue> <testfile>
```

Under Linux / UNIX:

```
lpr -H hostname -P printerqueue seh_test.ps
```

<hostname>	This is either the host name or the IP address of the ISD400 / ISD410.
<printerqueue>	This is the name of the queue on the ISD400 / ISD410. Please note: This queue must have the "tbarcode" filter assigned!
<testfile>	This is the test file provided by TEC-IT: ▪ seh_test.ps (for PostScript printers) ▪ seh_test.pcl (for PCL printers)

During printing **TBarCode/Embedded** will replace all the control sequences in the test file by the corresponding barcodes. The output should look like this:

Please note:
► As long as you have not licensed the product an additional horizontal bar will be printed over the bar-codes. Usually this horizontal bar does not affect the readability of the barcode for evaluation purposes.

For more information on how to use barcodes in your own documents, please refer to the **TBarCode/Embedded User Manual.** It describes the syntax of the required control sequences and the bar-code parameters.

If you have any further questions, addi-tional requirements or if you want to pur-chase a license, please contact us. For contact and support information, please see below.

Figure 5: Printed Test Document with Barcodes

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[1] In order to use lpr.exe under Window Vista or Window 7 you have to add the "LPR Port Monitor" (Control Panel ► Programs and Features ► Turn windows features on or off ► Print and Document Services)!

6   Contact and Support Information

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