HÄFELE

HafEti4
Installation and User Manual

Software Version 4.0.1
Documentation: 1.3

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Inhalt

1. Installation

Prerequisites

Hafeti4 is designed for the use of Microsoft .NET. It runs on all Windows platforms starting with Windows 2000. It was tested with German, English and several Asian types of Windows 2000, Windows XP, Windows Vista, Windows 7 and Windows Server 2003.

Minimum Requirements:
- Microsoft .NET Framework 2.0 or higher (only 32 Bit systems)
- 35 - 50 MB virtual memory
- 70 - 80 MB disk space on C: (depending on the amount of articles and product images)
- PCL 5 Laser printer with suitable memory (i.e. 16 MB for 600 DPI) configured for paper size A4
- Write access on directory c:\hafeti4 (for update packages)
- User control is deactivated during installation and updates (applies to Windows Vista only)

If HafEti4 is already installed, it has to be deinstalled before the this version could be installed. HafEti4 runs parallel with old release HafEti3.

Installation and Configuration

1.1.1. Installation of HafEti4

Insert CD in the drive and start setup.exe from root directory.
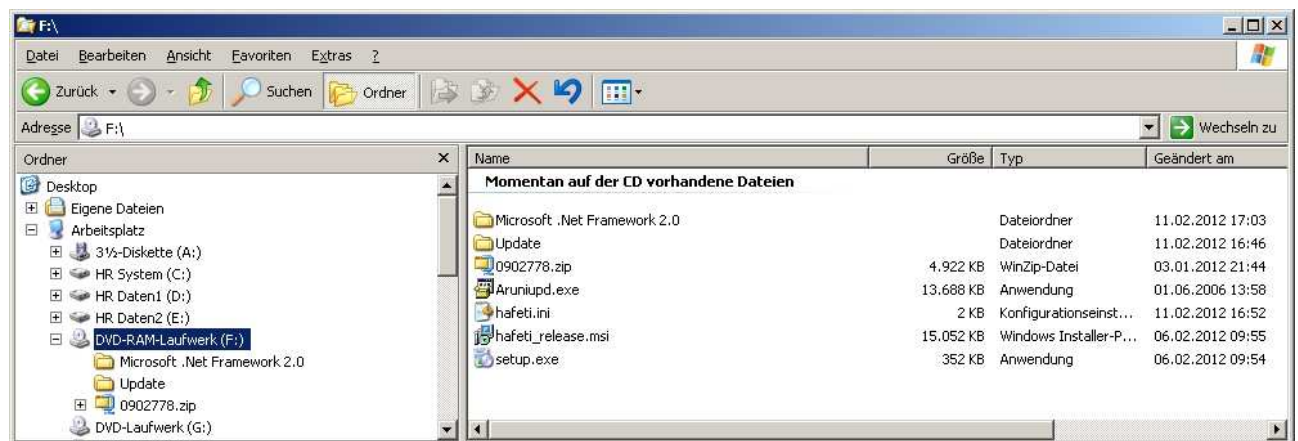
You need administrative rights to proceed with the installation, because some software components have to be registered in the system. If you do not have enough rights, following message box will appear:
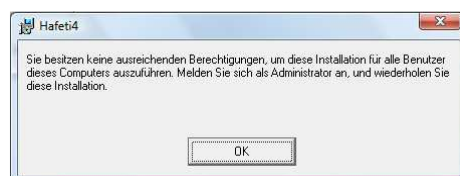
With Windows 7 you can start the installation without administrative rights. A message box will appear, where the password of an administrative account has to be inserted.

If user access control is activated on Windows 7, following message box will appear at the beginning of the installation. Accept with "yes" to continue the installation process.
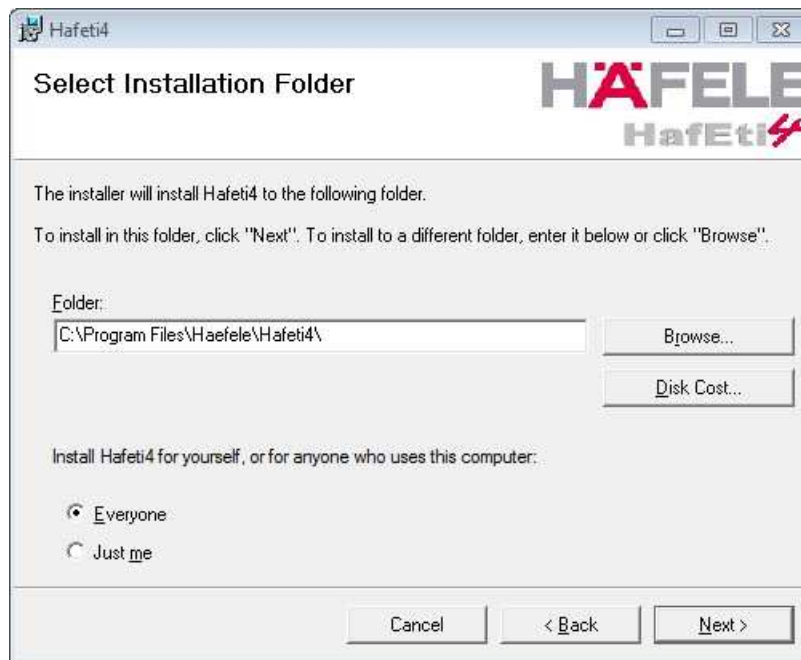

Windows Installer will start and welcome screen will appear

accept with **Next >**

Normally the default program directory can be used.

A directory has to be selected, which could be accessed by the user/ user group with at least change rights and may not have write protection.

Keep in mind, that Windows Vista does not allow to modify a directory in the program directory, even if you are an administrator. Directories can only be created or modified by the installation process.

Accept settings by pressing **Next >**.

Then following message box appear before the installation starts
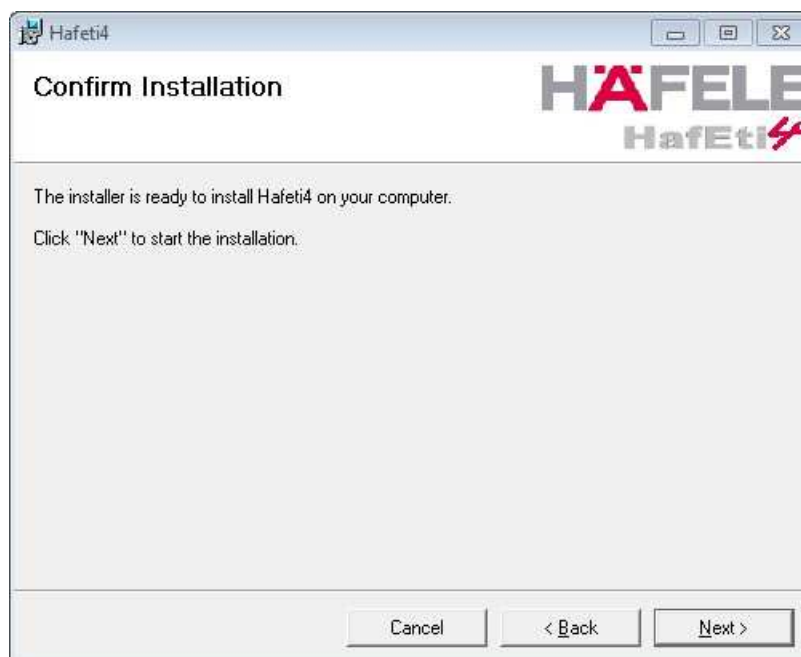
please accept with **Next >**. The installation will start now.

The next window is a following progress window

and after successful installation, the following message box will appear.

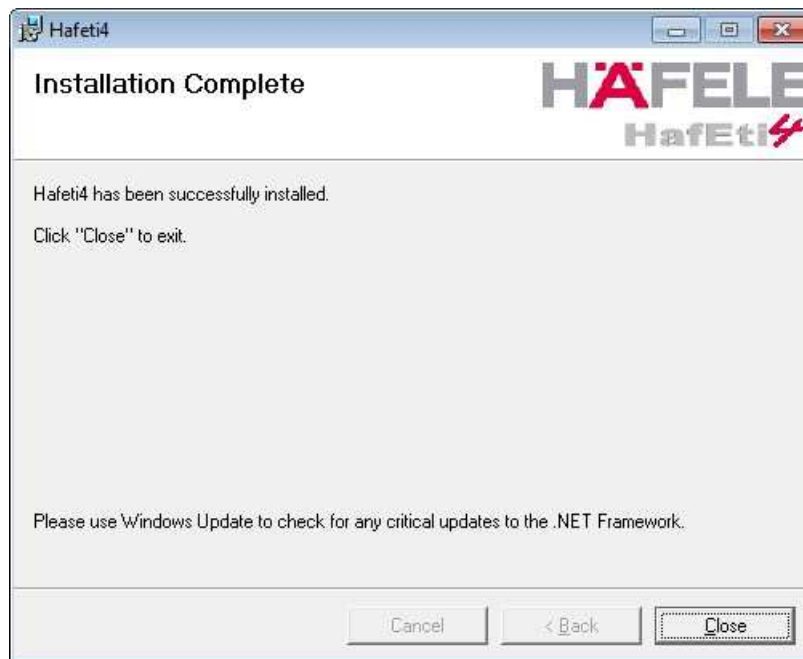Please click **Close** and start HafEti4 over the Start Menu
Start -> Program Files -> Haefele -> HafEti4 or use the desktop icon.

If the installation directory already contains an update package suitable to the supplier number configured in the hafeti.ini, it will be installed automatically or a selection box will appear. If you select "yes", the package will be imported during the installation. If you choose "no", the selection box will appear again – as usual - on the next start of the program.

Depending on the Windows version and language selection the name of the program directory may vary.

The installation CD contains a zip compressed file with the necessary articles and images. This file will be stored in the directory C:\Hafeti4\Import during the installation. During start of HafEti4 program there is a check, if this compressed file exists in this directory.
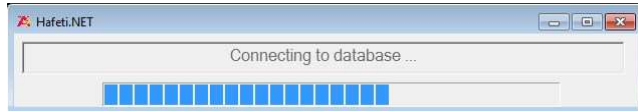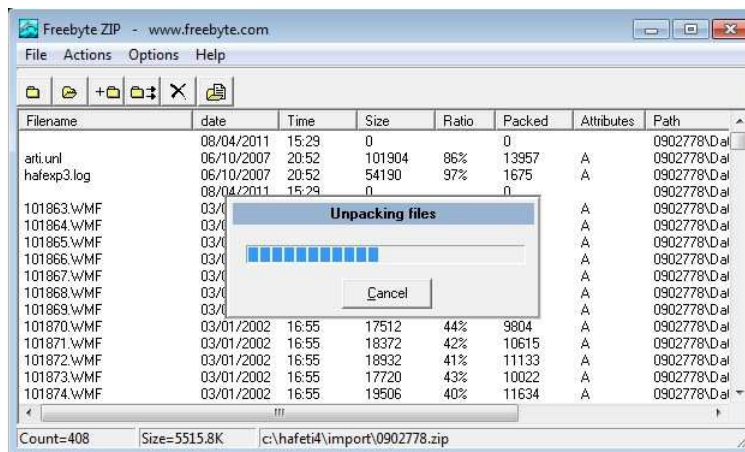

If yes, you will be asked, if the new data should be imported into the integrated database.
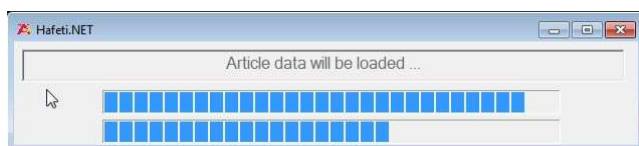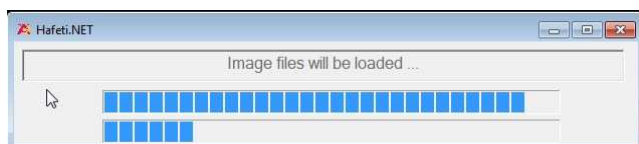

Accept selection with **yes**.

At the beginning, the package will be unpacked

continued by a progress windows, showing the several steps of data import.

If database import was successful, import finishes with following message box.

After successful import, the compressed file in the directory C:\Hafeti4\Import will be automatically removed. If on the next startup of HafEti4 the import selection box appears again although data has been already imported successfully, please remove the compressed file manually from the directory C:\Hafeti4\Import. The file has the name <0nnnnnn>.zip. Pattern <0nnnnnn> is replaced by your supplier number.

After starting HafEti4 you will see following main window. Depending on the user level not all button will be displayed.
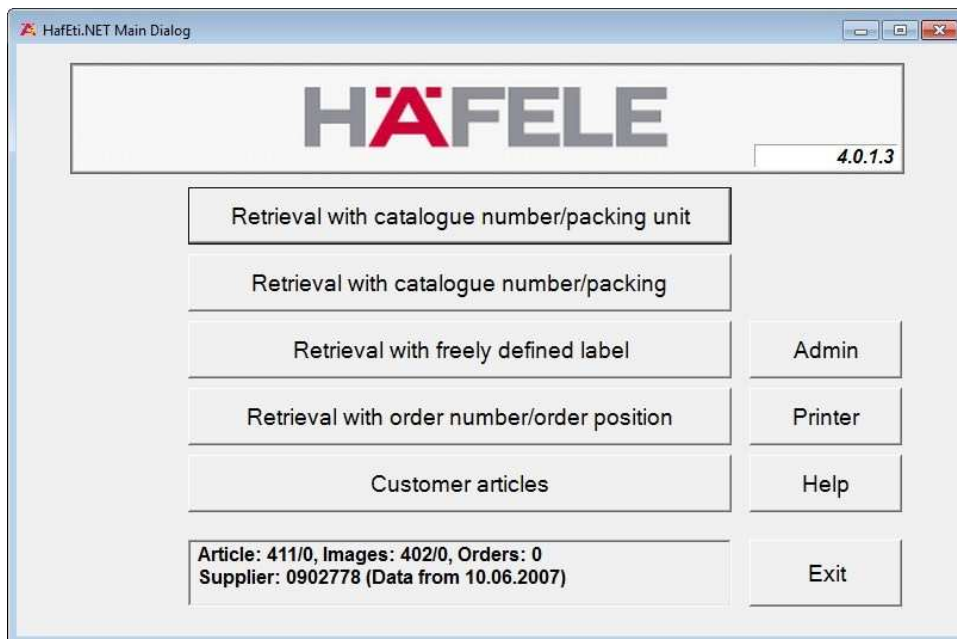
Depending on the user level, you will see several buttons for label printing.

The version number is displayed in the title bar. In the information box on the bottom of the window, the amount of stored articles, images and orders is displayed. If you created own articles and uploaded own images, their amount will be shown after the "/". On the second line, supplier number and the creation date of the article data is displayed in brackets. Please keep care, that the article data from Häfele are always up to date (see also chapter 6).

The installation of HafEti4 is now finished successfully.

## 1.1.2. Installation of the .Net Framework (if not installed)

Prerequisite for the Installation of HafEti4 is the Microsoft .Net Framework 2.0 or higher. This is already part of the operating system with Windows Vista and Windows 7.
HafEti4 checks during installation, if the .NET Framework is already installed. If not, following error message will appear:

Later versions of Windows already have at least one version of the .Net Framework installed. A 32 bit version .NET Frameworks is contained on the installation CD. For 64 bit versions of Windows this Framework cannot be used.

Cancel the running installation with "no". Then this message is displayed.
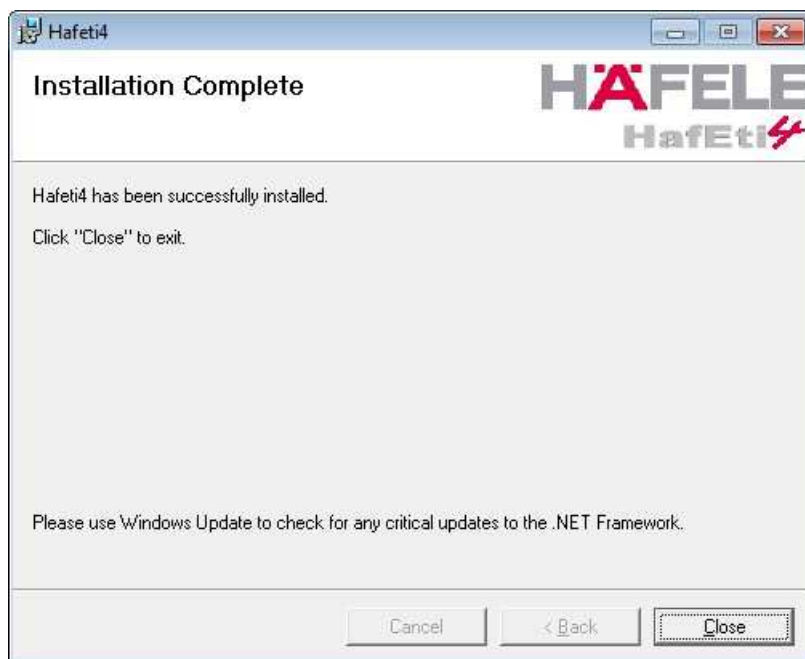
With the CD also Microsoft .Net Framework 2.0 is delivered, so that you can start installation from there. If you use an older version of Windows, it might be necessary to install further pre-requisites (i.e. MDAC 2.6).
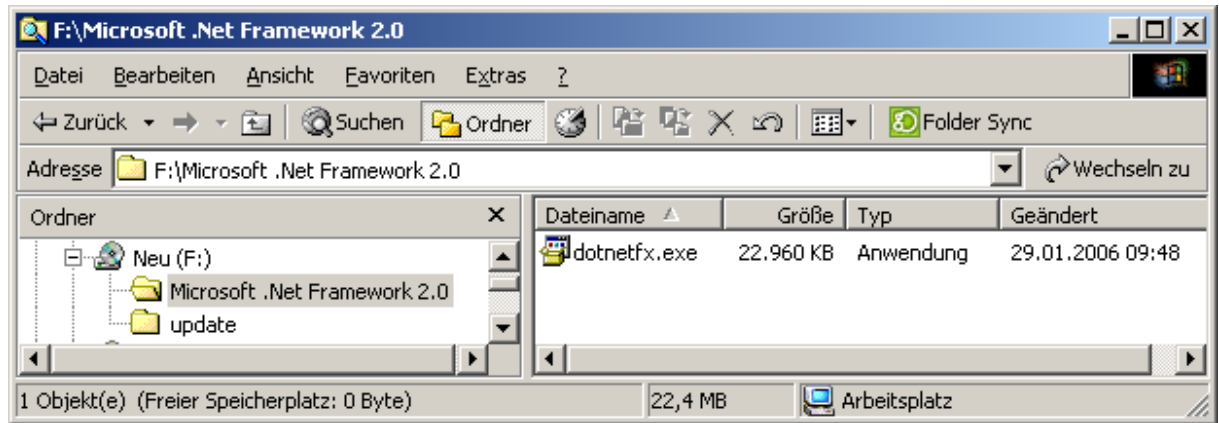
Please start installation by double click on dotnetfx.exe in the subdirectory
Microsoft .Net Framework 2.0 and following message box will appear
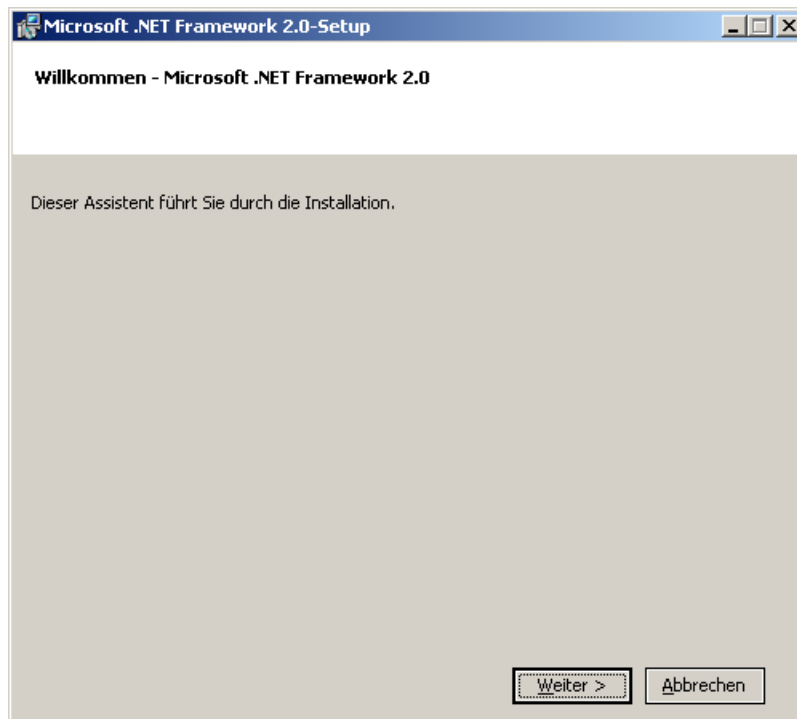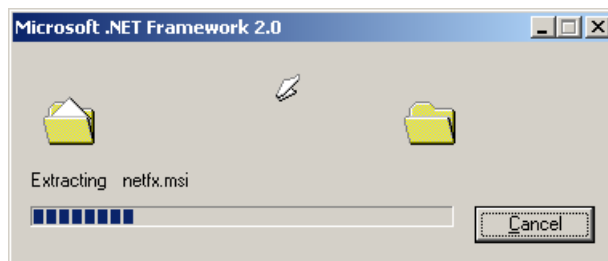
Accept with **Next >**.
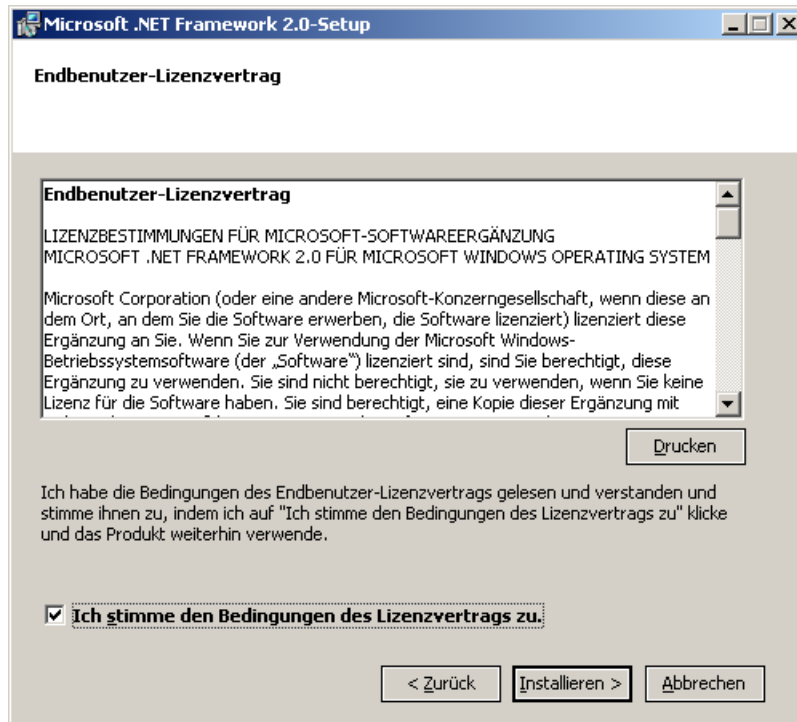
You must agree to the license conditions by enabling the check box.
Installation could be started by pressing **Install >**

Following message boxes will appear

After pressing „**Finish**" the installation of HafEti4 according to chapter 1.1.1 could be repeated.

1.1.3. Support on Problems during Installation

1. During installation following cryptic error message could be displayed or could be contained in the file install.log of the user, who has started the installation

   ```
   MsiInstallProduct returned '1638'
   ```

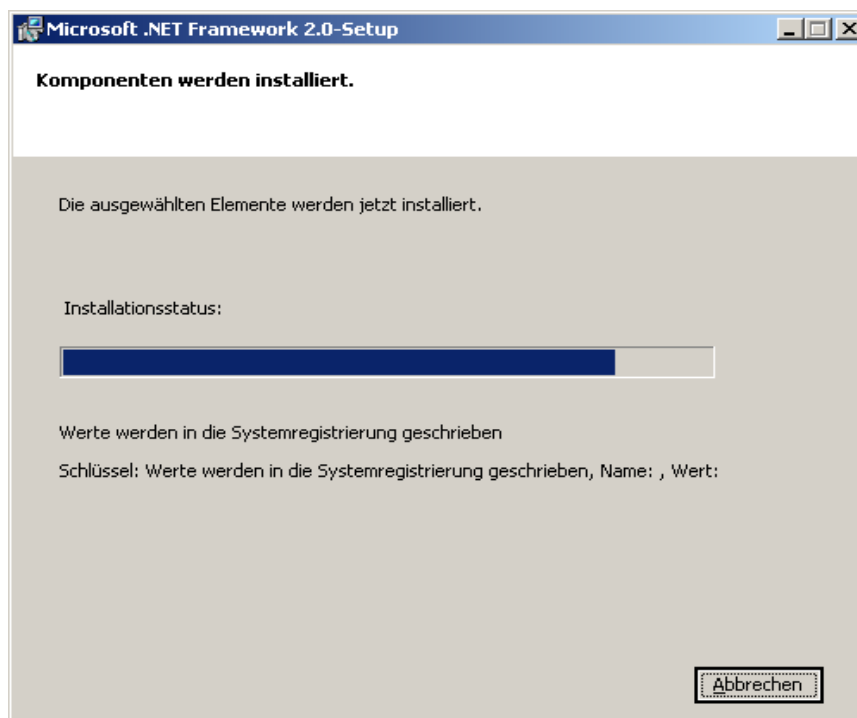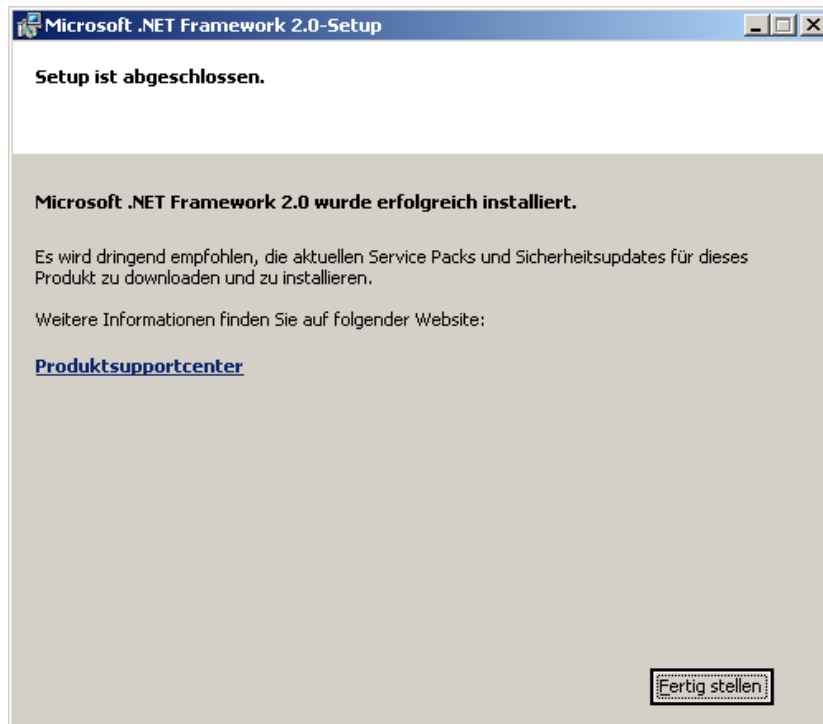   Reason in this case is that HafEti4 is already installed. Please deinstall HafEti4 before from the program/ installed software section of the control panel first. Reinstallation (repair installation) is not supported!

2. Windows Vista and User access control is enabled.
   No label files from the update directory could be installed. An error message will appear, that there are insufficient rights for deleting the old label files. However the update succeeds. After installation an administrator must manually copy the label files from the import directory to the program subdirectory data\labels.

   Changes in the configuration file hafeti.ini must be done outside of the program directory, if the editor program does not support the user access control.

   Notice: If the user is a member of the users group, the two described problems should not appear. Please ask an administrator to check this assignment.

2. Printing of Article/Product Labels

Before printing product labels please make sure, that the configured default printer is supplied with Häfele labels and that paper format is set to A4.

Start HafEti4
> by selecting: Start -> All Programs -> Häfele -> HafEti4 in the start menu or
> by double clicking on the desktop icon

The directory program files may vary depending on the version of operating system and language settings.

According to the configured operation mode, there are different possibilities for printing labels.

Notice: Please perform a label adjustment after the installation and after each replacement of the preferred printer. See chapter 4 "Label Adjustment" for further details.

Retrieval with Catalogue Number/Packing Unit
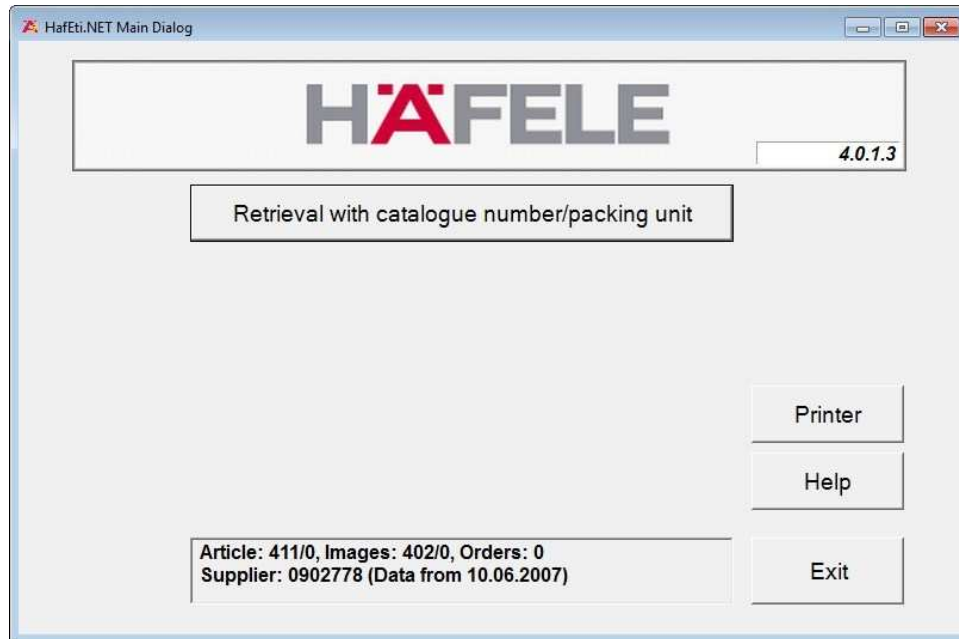
This is the default mode for printing labels. This mode assures, that labels are printed with the correct packing unit.
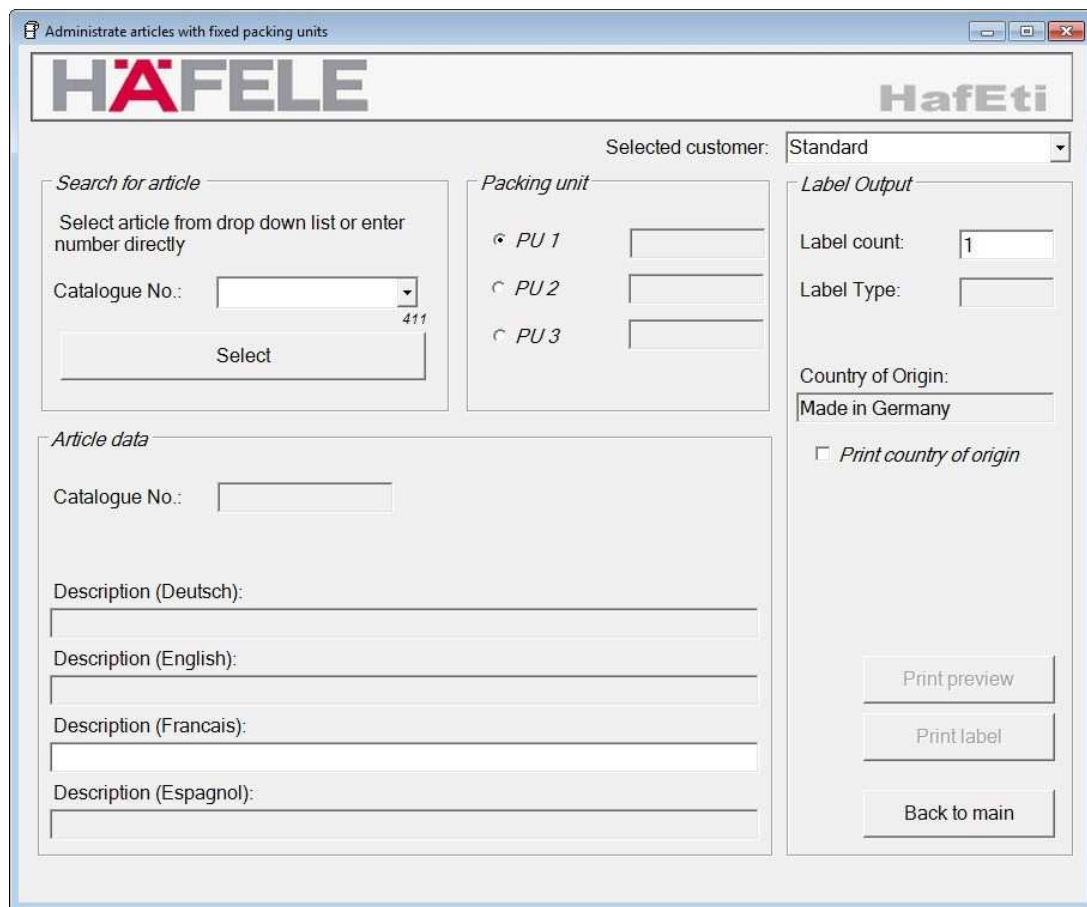
For each article a maximum of 3 packing units with different packing sizes is defined. If there are more than one packing units, the packing unit 1 contains the biggest, packing unit 2 next in size and packing unit 3 the smallest packing size.

An EAN barcode only exists for packing unit 1. This means, packing units 2 and 3 do not have a barcode defined.

If there is no article image available, the following symbol will be displayed and printed instead.

The function mode retrieval with catalogue number/packing unit opens following dialog box:

The catalogue number could be entered into the input field as known in previous program versions.

Below the small arrow on the right side of the input field, the number of available articles is displayed. It the amount is less than 2000, you can click on the arrow and a sorted list with all catalogue numbers will open, where you can select the desired catalogue number. To make selection easier, you can first enter the start digits of the article numbers. Then the suitable amount of articles reduces and selection from the list could be done easier.

If you have to work only with the keyboard , you have to accept the preselection by pressing the „enter" key first. Then you can navigate through the list by using the arrow up/down buttons. If you use any pointing device, the list will be automatically filled and opened, if you press the arrow button on the right side of the drop down list.

If the requested catalogue number is not contained in the database, please perform an update as described on chapter 6.

Select the requested catalogue number from the list and accept selection by pressing button „select". If there is data for this article available in the database, it will be display as shown below:

If there are several packing units for this article available, please select the right one and enter the desired amount of labels.

After entering the amount of labels press button **"Print label"** for starting label printing.
The printout will be prepared and send to the selected default printer. Chapter 5 **"Alternative Printer Selection"** describes how to select a different printer or selecting alternative paper trays.

Print preview prepares the labels and shows a preview on the screen without printing the labels. If more than 1200 labels are selected for printing – means 100 A4 pages with 12 labels per page - following confirmation dialog will appear:

Please select **Yes** or **No**, to continue.

If there is an additional text displayed in field **'Made in ...'**, only select the printout of this field, if the order form from Häefele explicitly request this text on the printout.

If your order form requests the printout of the additional text field **'Made in ...'**, but there is no country of origin contained in the field **'Made in ...'**, contact the Häefele support for enabling/configuring the correct country of origin (see also chapter 8).

Retrieval with Catalogue Number/Packing Content

The function mode retrieval with catalogue number/packing content opens following dialog box:
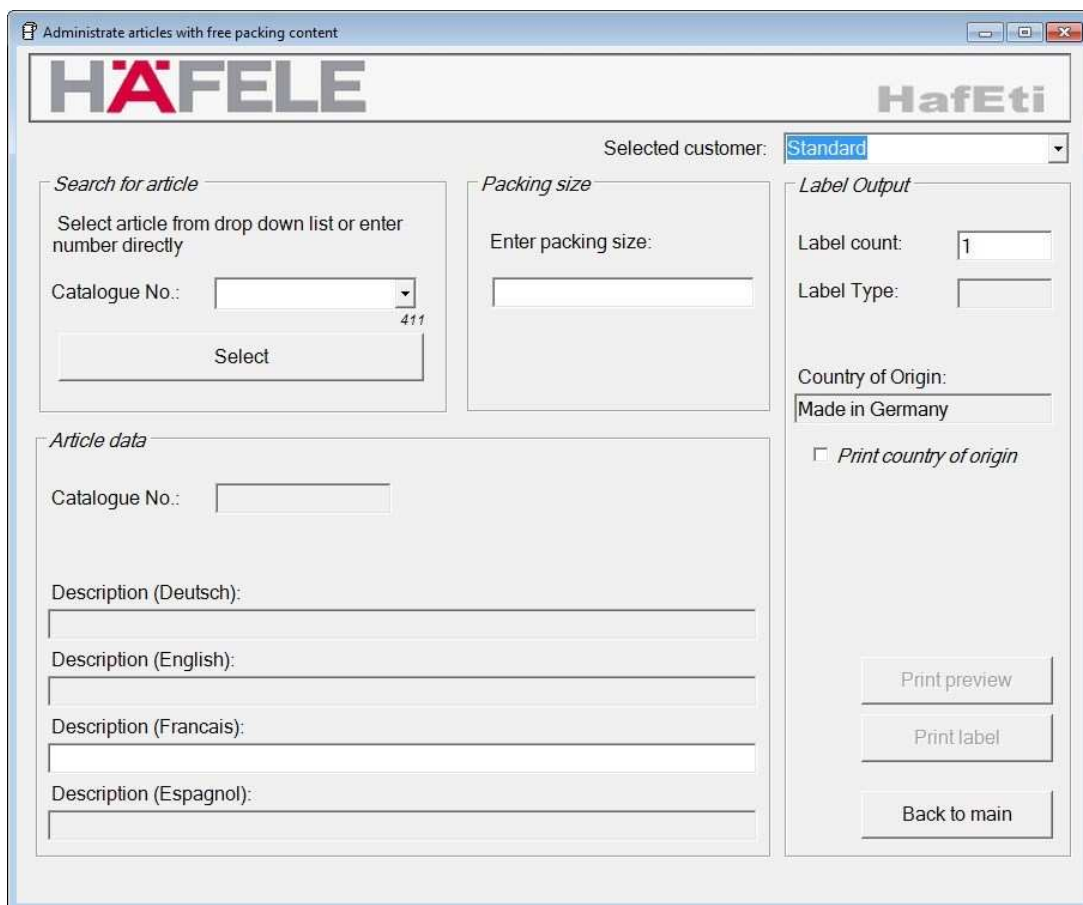
By pressing the small arrow on the right side of input field for the catalogue number, a list of all catalogue numbers opens, which could be printed.

If there are more than 2000 articles available, please reduce the amount of articles first by entering the first digits of the catalogue number. Then open the list by selecting the arrow or pressing "enter".

After selection of an article, all data of this article is displayed. Enter now the packing content.

If the requested catalogue number is not contained in the database, please perform an update as described on chapter 6.

Enter the amount of requested labels and select **"Print label"**

Printout is only possible, if a packing size is specified. Otherwise an error message will appear.

After entering the amount of labels press button **"Print label"** for starting label printing. The printout will be prepared and send to the selected default printer. Chapter 5 **"Alternative Printer Selection"** describes how to select a different printer or selecting alternative paper trays.

Print preview prepares the labels and shows a preview on the screen without printing the labels. If more than 1200 labels are selected for printing – means 100 A4 pages with 12 labels per page - following confirmation dialog will appear:
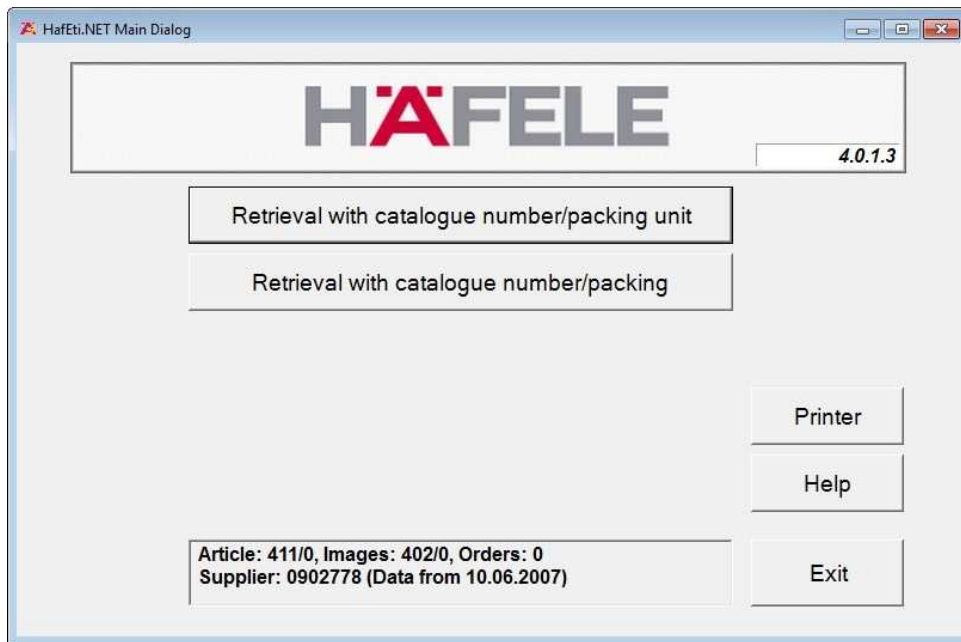
Please select **Yes** or **No**, to continue.

If there is an additional text displayed in field **'Made in ...**', only select the printout of this field, if the order form from Häefele explicitly request this text on the printout.

If your order form requests the printout of the additional text field **'Made in ...**', but there is no country of origin contained in the field **'Made in ...**', contact the Häefele support for enabling/configuring the correct country of origin (see also chapter 8).

Retrieval with freely defined Label

The function mode retrieval with freely defined label opens following dialog box:
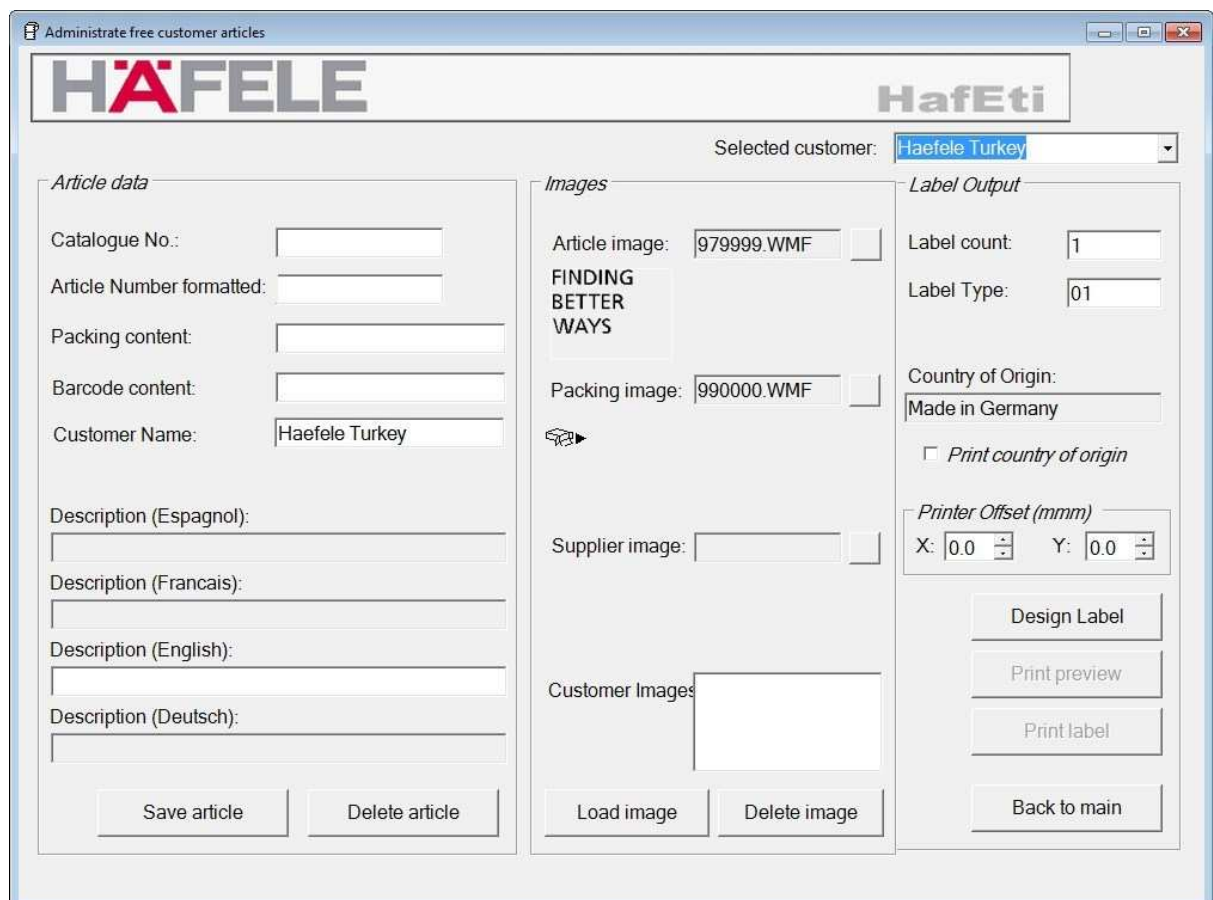
This mode allows printing of Häfele labels with nearly completly free defined content. Preselected is the article image 979999.wmf.. This is the outlined Ä.

The file name of the article image can be removed or replaced by another image.

The packing image is also predefined with the image 990000.wmf, which appears as little box right before the packing content. Alternative packing image 990001.wmf (kg) for products packed by weight or 990002.wmf (m) for products measured by length could be used.

Besides the images mandatory input fields are catalogue number, packing content, description field 1 or 2 and amount of labels, otherwise you would get following message after pressing "Print label"

The label type is set by default to 01 and could only be changed with agreement of Häfele if a special label layout is necessary.

The data in the input fields could not be stored in the database for later use. See chapter 3, how to define your own customer labels.

Label Printing for Häfele Subsidiaries

There are Häfele articles which are explicitly distributed by Häfele subsidiaries. So far there was no data in the HafEti database for this articles at the suppliers. Labels had to be printed by the subsidiaries themselves. The data for labels of Häfele articles for some subsidiaries will be now also delivered to the suppliers.

Eventually from some subsidiaries special instructions exist, how labels for deliveries to other Häefele subsidiaries have to be printed, i.e. Article texts in different languages.

To meet these requirements HafEti was expanded so that the supplier is able to define for which customer or consignee the delivery of labels is intended for. For this case in each dialog box in the upper right corner there is a customer selection field, in which the trade names are listed.

Selected customer: Standard
- Haefele Austria
- Haefele Deutschland
- Haefele Turkey
- Standard

979999.WMF

If you want to print labels for a certain article, which i.e. has to be delivered for Häfele Austria, select the customer from the customer selection list before you start printing.

If you want to print labels for a certain article, which are intended for Häfele Nagold, select Häfele Deutschland in the customer selection list.

The labels for the different customers may vary in amount and order of the article description fields.

Printing of Customer Labels
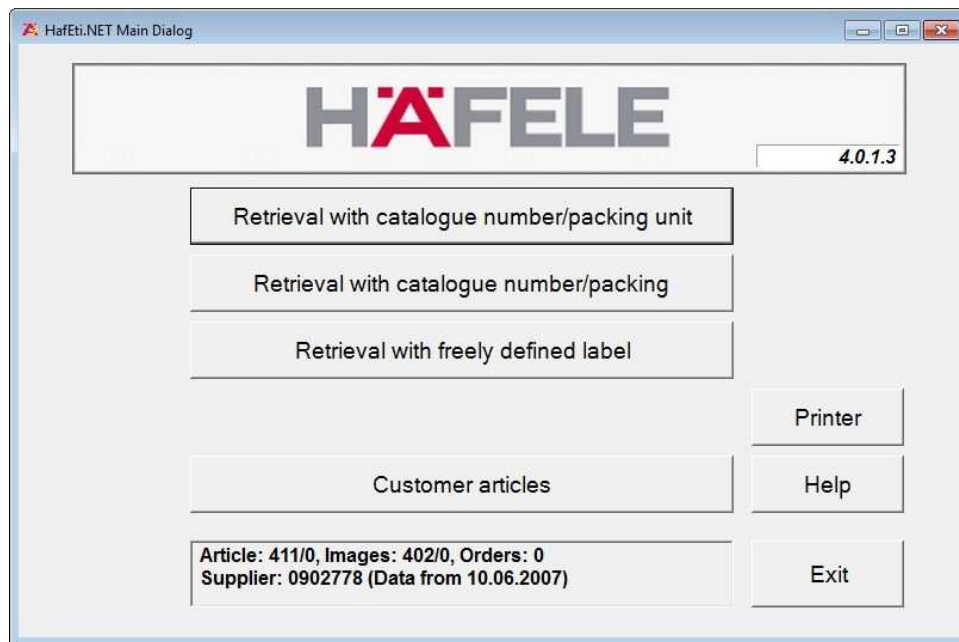
The function mode „Customer articles" opens following dialog box:
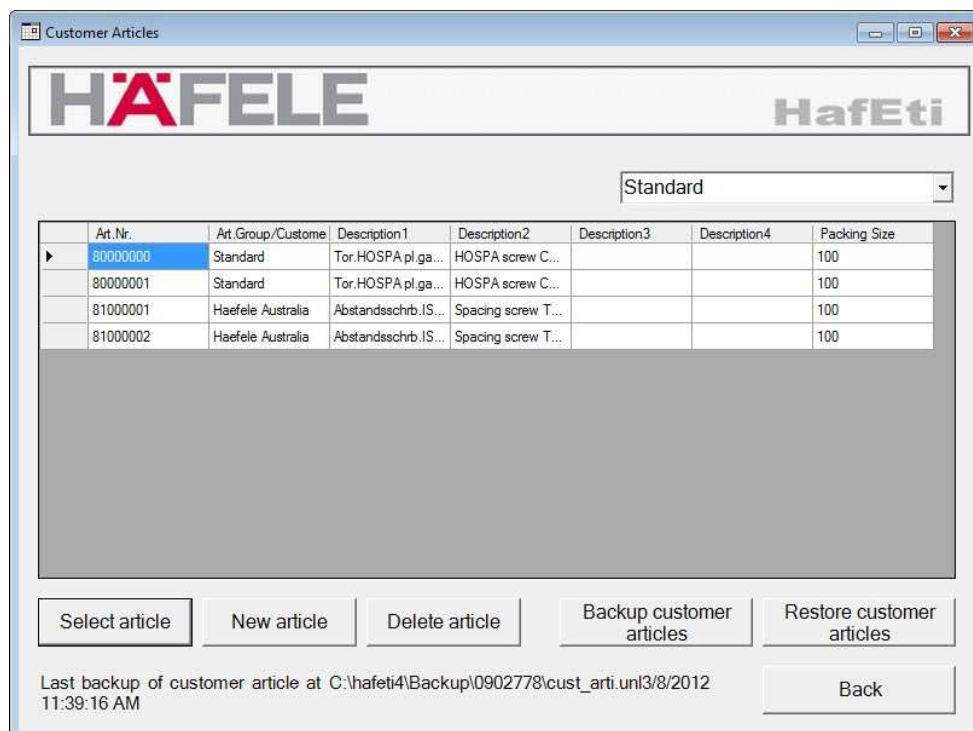
In this windows a list of all customer articles is shown, which you have defined for yourself in the database. If you have not created own articles so far, the list will be empty.

You have following options to continue:

The button „Select article" opens a dialog box with all article data for the article you have selected right before in the article list (marked with an arrow on the left side of the list).

The button „New article" opens an empty dialog box, where you can enter all data for the new article.

The button „Delete article" removes the article from the database, which you have selected right before in the article list. Before the article is finally removed, following dialog box appears
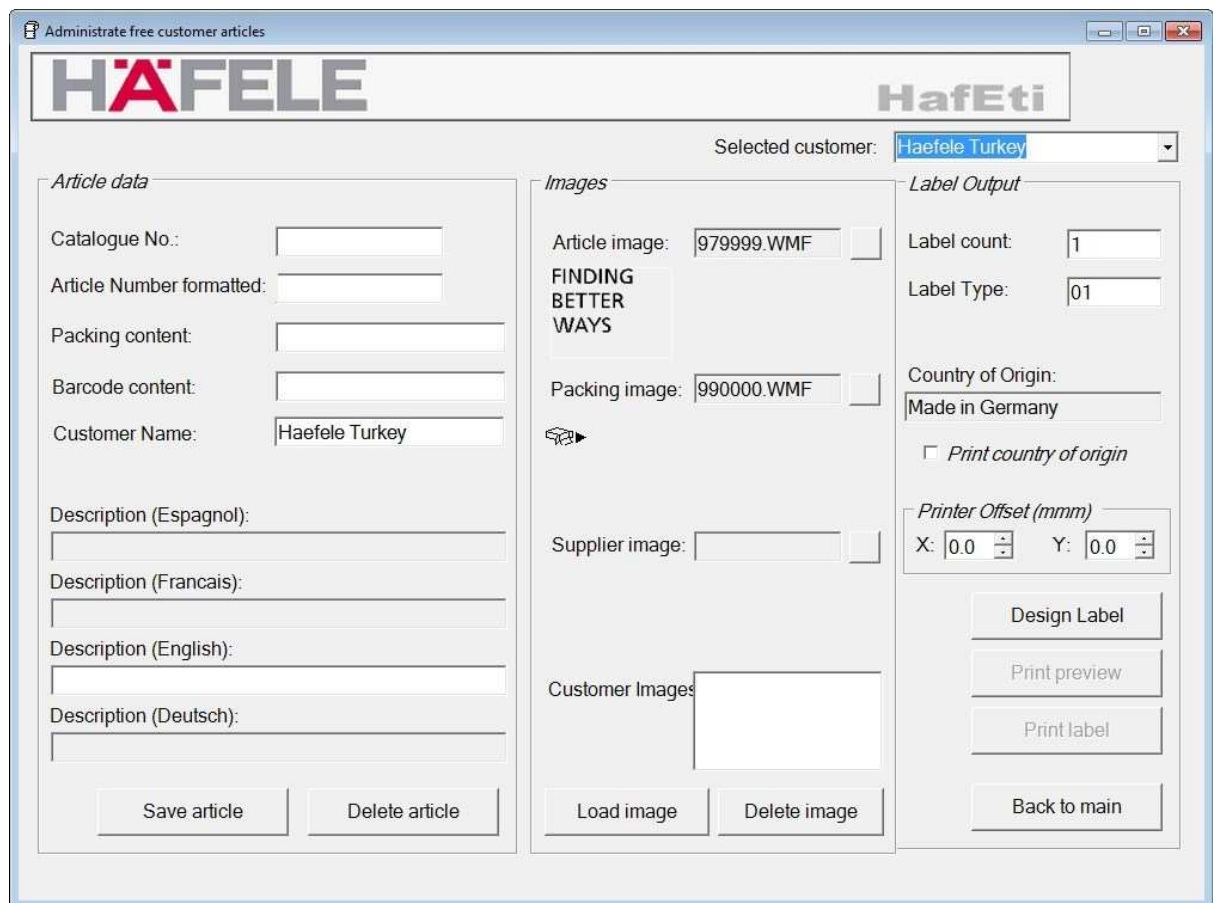
where you have to accept the operation with „yes"

The button „Backup customer articles" creates a backup of all manually defined articles.
The button "Restore customer articles" restores customer articles from an existing backup.
See next chapter for additional information on this topic.

If you exit this dialog box by pressing button „Back", the customer articles will be saved auto-matically to a predefined directory in the file system.

If you have selected an article or want to create a new one, following dialog box appears:

If you want to create a new article, first enter data into the input fields of frame "Article data"
The field "Article Number formatted" is automatically filled, if the cursor leaves the article field but the content could be overwritten. Article number, packing size, and at least one description field are mandatory, all other fields are optional. The customer article number must be alpha-numeric with a maximum length of 14 characters.

Notice:Häefele articles have priority against customer articles. In case of conflicts customer articles will be overwritten or could not be created.

Beside the article data, you have to select suitable images for the article, the packing symbol and the supplier. Therefore click on the button on the right side of the image box to open a list of available images for selection

Beside the images already available with the HafEti database it may be necessary to import own images. These images must be provided in the WMF format. Therefore press button "Load image". Following file selection dialog will open
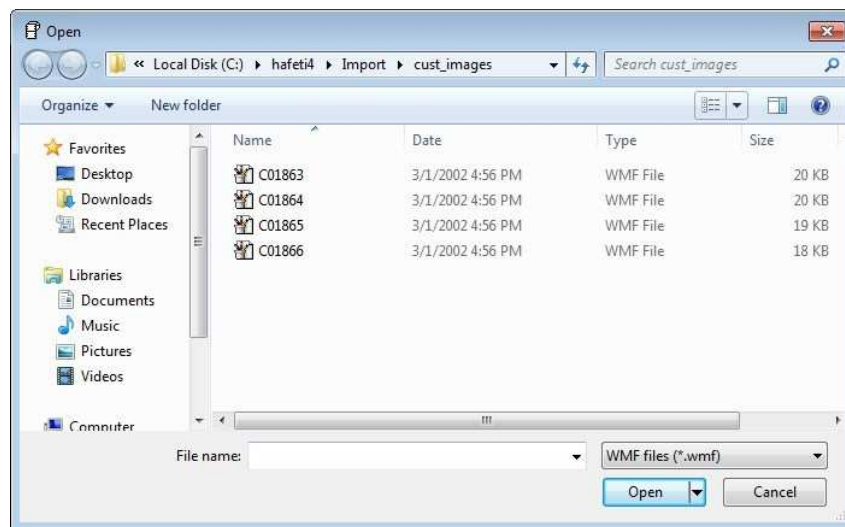
Select the requested image an press „open". By default the content of the directory is shown, which is defined with variable CUST_IMAGES in the parameter file hafeti.ini.

If there is already an image with the same name stored in the database, following dialog box opens:

If you accept with „Yes" the existing image in the database will be overwritten.

All manually loaded images are displayed in the customer image list in lower part of the dialog box below the images selections.

Customer Images
```
C01863.WMF
C01864.WMF
C01865.WMF
C01866.WMF
```

Load image   Delete image

Following data is mandatory for saving a customer article to the database:
- article number
- packing content
- at least one description field
- selection of an article and packing images

If not all mandatory fields are filled during saving oft he article following message will appear:

Hafeti.NET

For new articles, article number, packing content, a description and images are mandatory!

OK

Article numbers of the Häfele data stock precede customer articles, that means customer articles could not be created using existing Haefele article numbers from the database. Following message will appear instead:

Hafeti.NET

Article number 05165012 already exists as Haefele article and could not be overwritten!

OK

If this dialog box is closed with button „Back to main" and there are still unsaved changes for the selected article, following dialog will open:

Hafeti.NET

Article data has been changed! Do You want to save the changes?

Yes   No
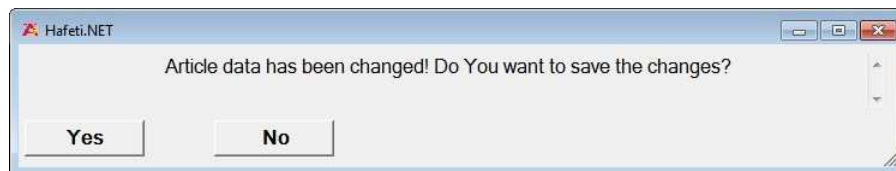
3. Administration of Customer Articles

All customer articles will be automatically saved to the path defined in the section BACKUP of the parameter file hafeti.ini. This happens each time, the overview dialog box is closed.
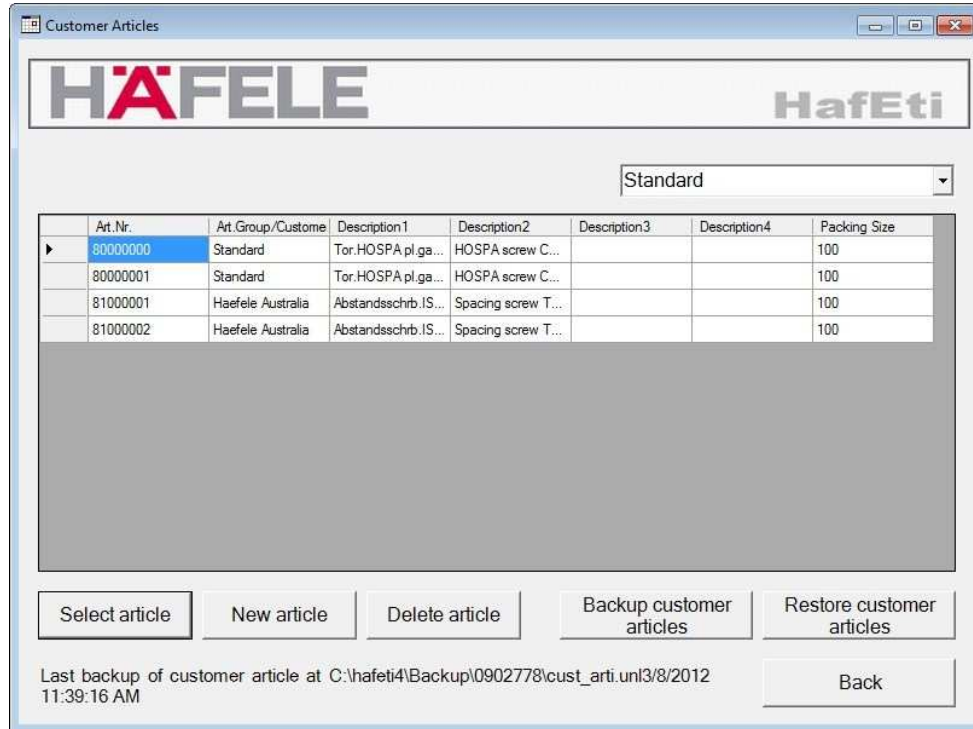
Additionally the customer articles could be saved or restored manually to or from any location.

Create a Backup of the Customer Articles

To create a backup of all customer articles select button "Backup customer articles". First a file selection window for choosing a location for the customer article file cust_arti.unl opens. Pre-selected is the path configured in section „BACKUP" of the parameter file hafeti.ini.
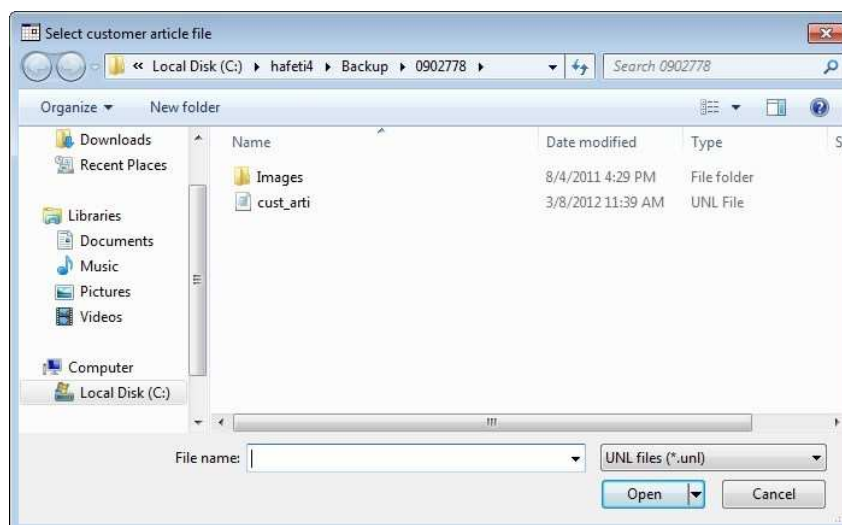
After selection of a suitable path and file name and continue by pressing button „Open".
Next window is the directory selection box for the customer images.

By default the subdirectory images of the above selection is chosen.
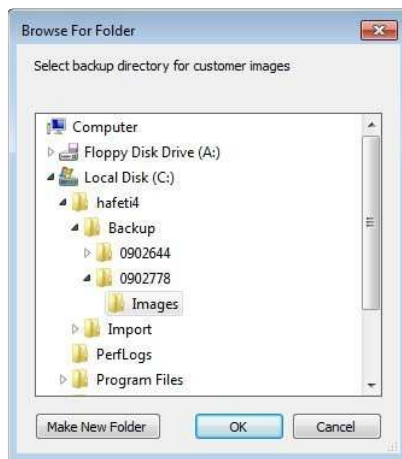
If there already exists a backup at the selected location, following message box will appear. If the existing backup should not be overwritten, abort operation by pressing "No".
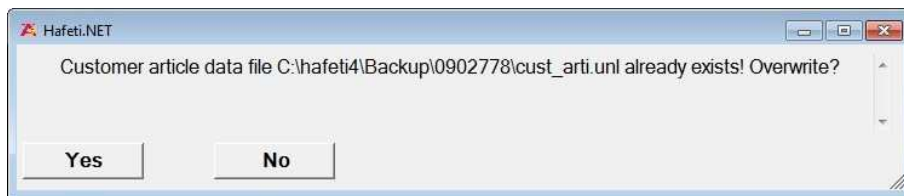
During backup operation several progress bars may appear ending with following message box:

Restoring Customer Articles from a Backup

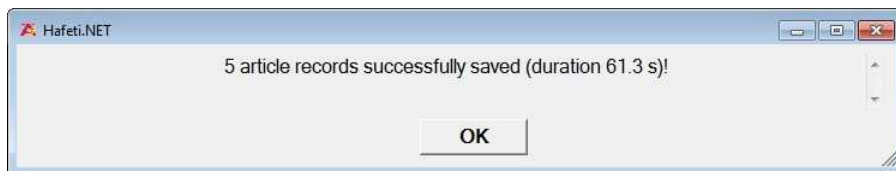To restore customer articles from a backup, select button „Restore customer article" from overview dialog box. First select a customer file from following file selection box and continue with "Open"
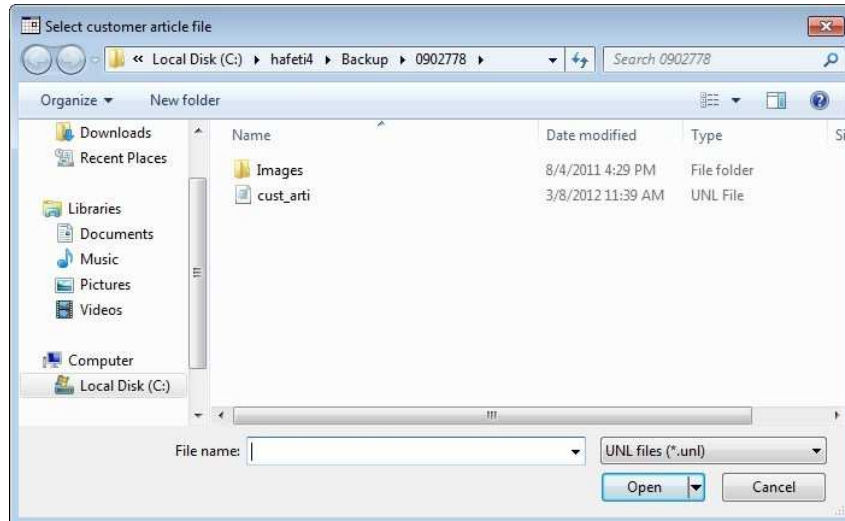
A directory selection box for the image directory appear. Make your selection and start the restore operation by pressing "OK".
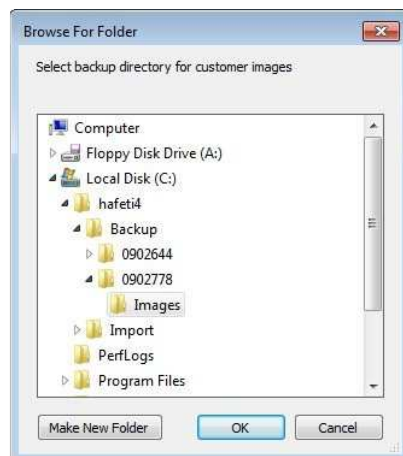
Following message appears to inform you, that this operation will remove all existing customer articles from the database.
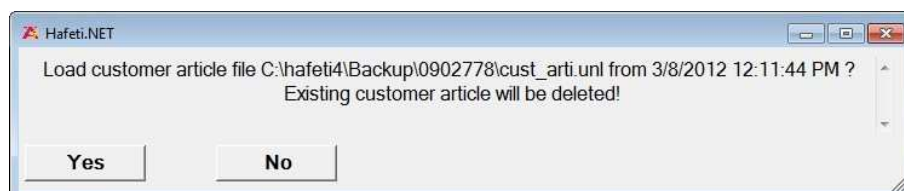
During restore operation several progress bars may appear ending with following message box:

Hafeti.NET

All customer articles successfully loaded
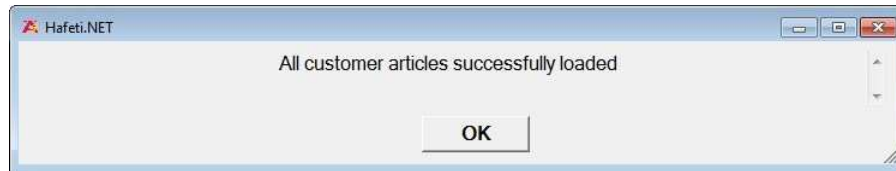
OK

If not all articles could be loaded (i.e. referenced images are not available in the directory) following message would appear:

Hafeti.NET

4 article records read, 1 with errors (duration 0.1 s)!

OK
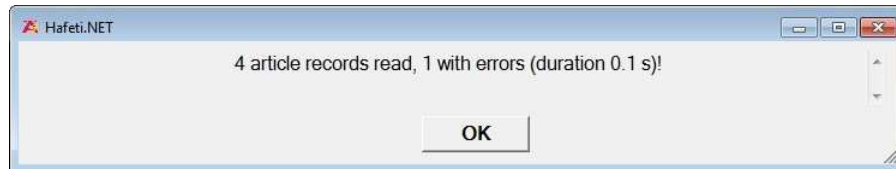
The article numbers of the articles, which could not be loaded you will find in the logfile hafti.log in the program directory. Possible reasons, why some articles may not be loaded may be:

- Häefele article with this article number already exists in the database and has priority
- Article number is contained more than once in the article file (unl file)
- There are syntax errors in some articles lines, This is possible if file has been manually modified

4. Label Settings

Adjust Label for Printer

On the shown label the article fields are exactly positioned, by justifying the article text below the left border of the H of the trade mark HÄFELE. This is pointed up by the red vertical line.

Depending on the printer type or the settings of the printer itself, the label data may be shifted a bit to left or right on the label

With following function you can adjust the horizontal and vertical position of the printed data on the label
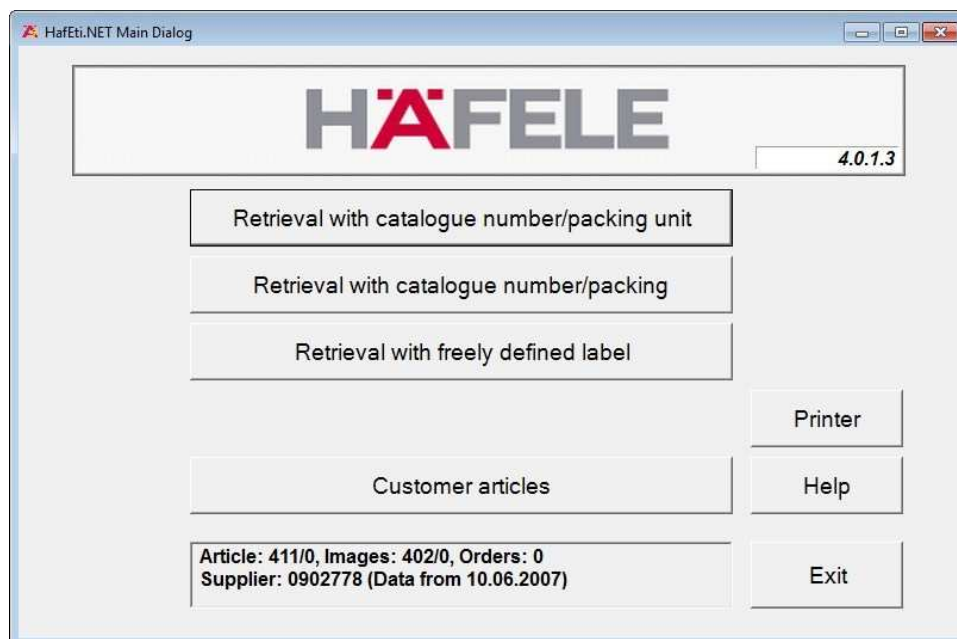
In the main menu right after starting HafEti4 select function **Printer**.

Following dialog box appears.

In this window you can adjust the X and Y offset in 1/10 millimeter steps between 0.0 and 3.0 mm. Increasing X offset shifts printed data to the right, decreasing the X offset shifts the print data to the left. Increasing Y offset shifts print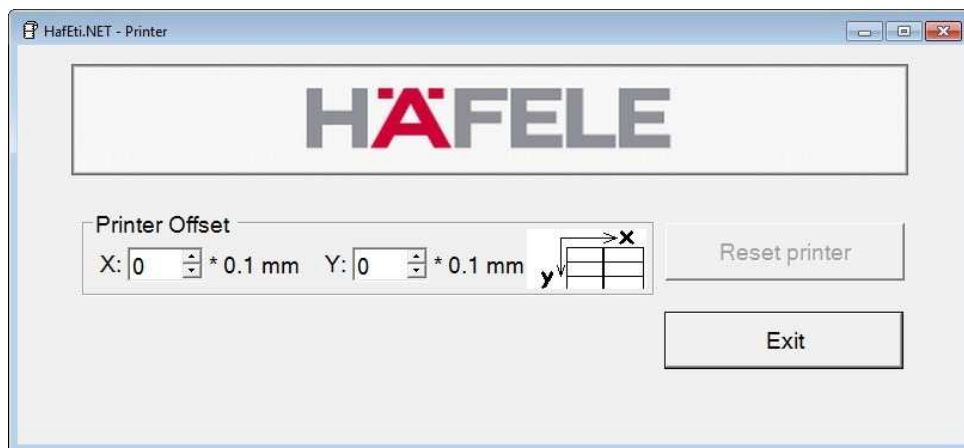ed data to the bottom, decreasing the X offset shifts the print data to the top. If you press exit, the changed values will be stored in the parameter file hafeti.ini and will be applied during printing. These setting are changed permanently and will also be used after restart of the program.

Notice: It is import to adjust the print offsets directly after the installation and after each replacement of the printer

Further examples for valid labels:

Article without own image.

Article packing unit 1 with barcode

Article with packing size without barcode.

5. Changes on HafEti4-Configuration

Printer selection differing from default printer

The program is configured on delivery for using the default printer attached to the HaefEti4-PC For the special case, that Hafti4 should use a certain printer different from the default, the parameter file hafeti.ini must be adapted.

In this case close application HafEti4 and create a copy of the delivered version of the parameter file
C:\Prog...\Haefele\Hafeti4\hafeti.ini as backup i.e.
C:\Prog...\Haefele\Hafeti4\hafeti.ini.org and open the file
C:\Prog...\Haefele\Hafeti4\hafeti.ini with an editor i.e. NOTEPAD.EXE

Depending on the Windows version and language settings the name of the program directory may vary.

Nearly at the bottom of the file you will find the section PRINTER:
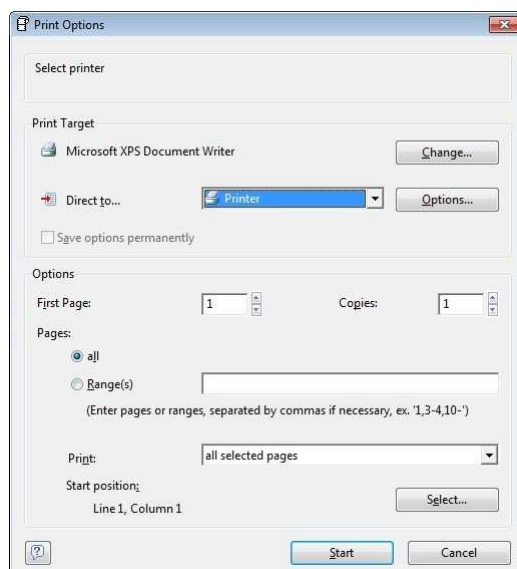
[PRINTER]
DEFAULT=TRUE
DELETE_PRINTER=FALSE

Change the 2 parameter lines as followed

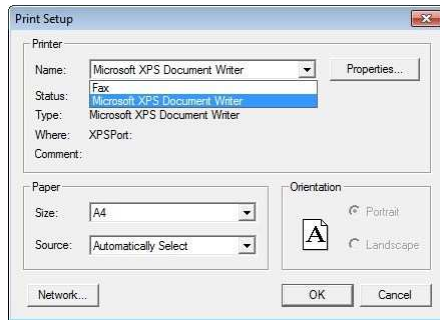**DEFAULT= FALSE**
DELETE_PRINTER= TRUE

And save the file to the program directory. After the next start of HafEti4 you will see following dialog box before the first printout starts.

Please press **Options** on line "Direct to.". and you will see following window


Please select the printer from the drop down list, which should be used for future printouts and accept selection by pressing **OK.** The window will be closed now. On the remaining active window press **Start** and verify, if the new requested labels are printed on the correct printer.

With this procedure now a fixed printer is configured for HafEti4, which will be used in the future. On the window above in the source selection box also a special paper tray could be configured if necessary.

Please be advised that we are not liable for any possible damages on your printer, if during paper feed a label should peel off from the paper sheet.

If you want to select another printer and assign it permanently, restart HafEti4
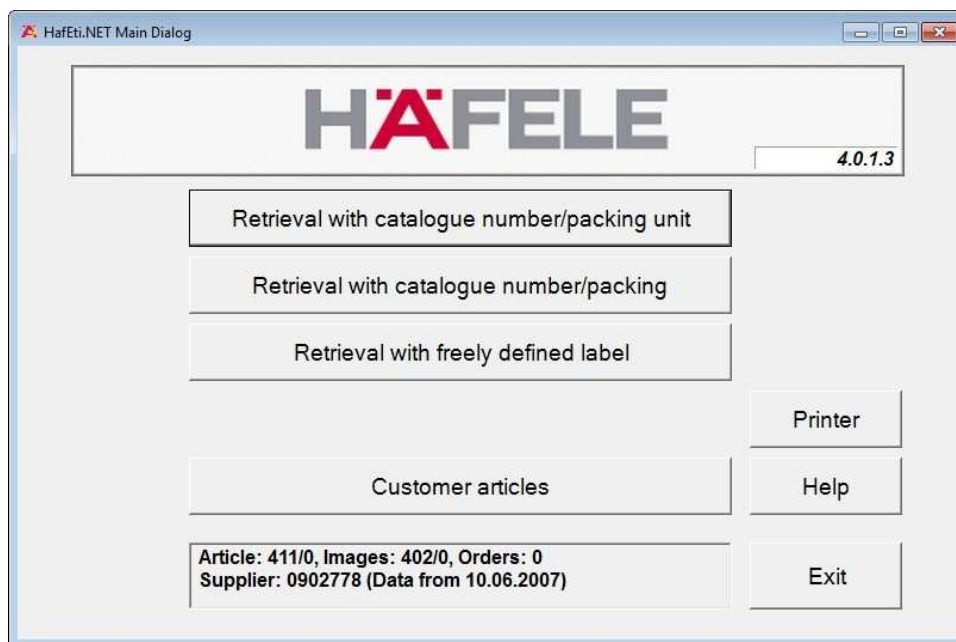
In the main menu right after starting HafEti4 select function **Printer**.
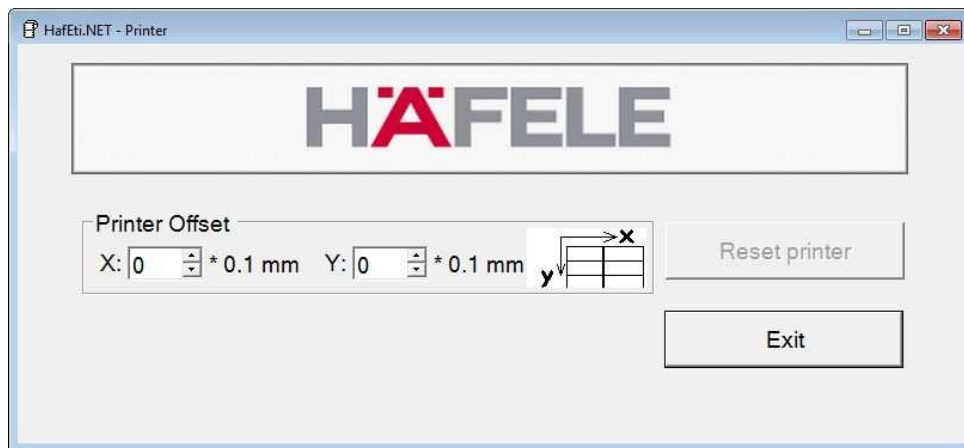
Click on button „Reset Printer" to remove the existing printer selection. Right before the next printout a new printer can be selected again as described above in this chapter.
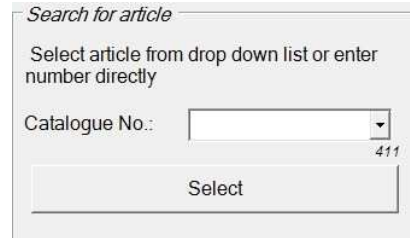
Article Selection and manual Input of Article Numbers

Normally you can easily select with the computer mouse the requested article from the drop down list. Are there more than 2000 articles in the database, the selection list is empty at the beginning. By entering the first digits of the requested article number on each new digit it is checked, how many article numbers start with the already entered sequence. This number is shown right below the arrow in the right side of the input field.
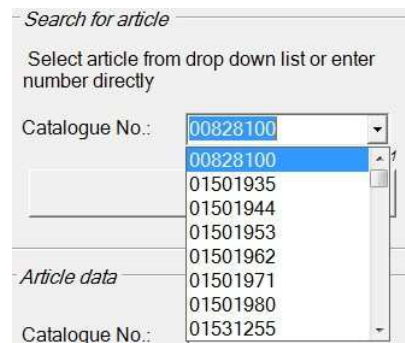

If less than 2000 articles could be found, the drop down list is filled and you can easily select the article number from this preselected list.

If during entering the digits the selection is already limited to one article number, the selected article will be directly loaded by pressing the enter key.

If you run HafEti4 only with keyboard, you can enter the article number completely as known from prior version or enter the first digits and press the enter key to start navigation with the arrow keys within the preselected article number list.

To step between the different fields like catalogue number, packing content or amount of labels use the tab key.

6. Update Article and Image Data

There are several reasons for updating the database of HafEti4 (Hafeti Update)

- You encounter errors on a label and its content (description, amount, images)
- The article number you want to print is not contained in the database
- You get a request from Häfele to update your database

The update is very easy and should be done in the cases listed above
The package for update your database you can download daily from the **Häfele Supplier Portal** over the Internet. Please use following hyperlink.

**http://www.haefele.de/service-und-support/zulieferer-portal**

Use the german and english flag to reach the supplier portal in the preferred language.

Enter your supplier number and your PIN, which was sent to you from Häfele by letter or email. After successful connection click on **Hafeti-Data** and then **Download Hafeti Data**. Select as download path the directory **C:\Hafeti4\Import** on your system. In this case the compressed file with the actual data will be stored locally.

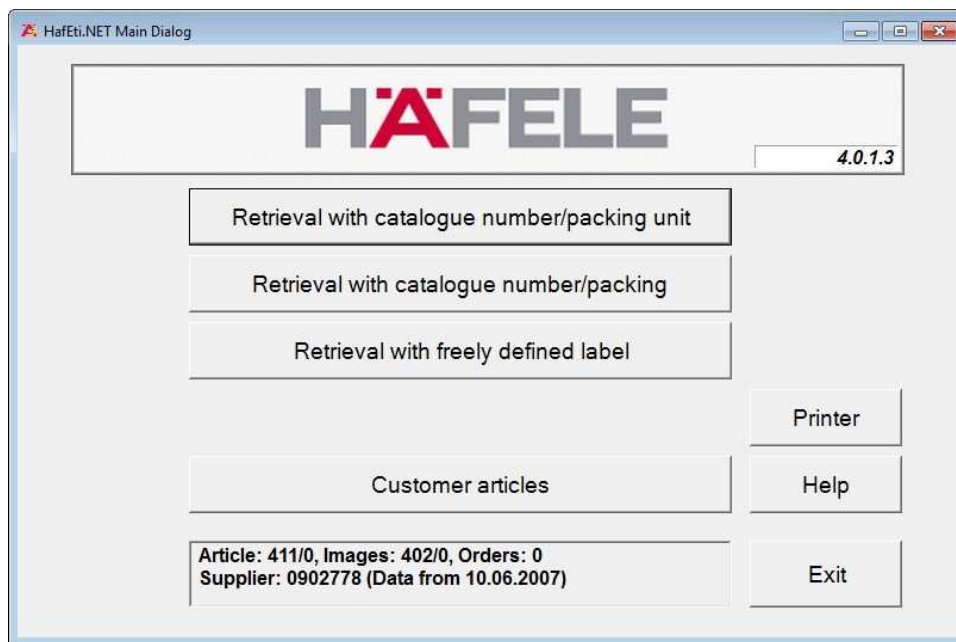Notice: Pleae do not uncompress the Zip-file

On the next startup of HafEti4 you will be asked, if the new update package should be imported. Please confirm with **Yes**.
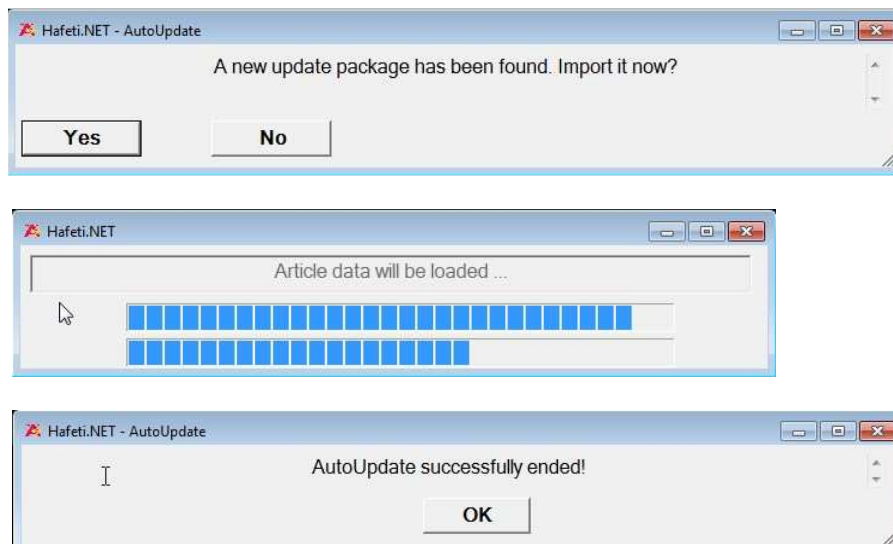
Confirm completion of the update with **OK**.

After finishing the update you will see the main window of HafEti4.

Please check according to the creation time of the data, if HafEti4 has been updated properly. The creation time of the data you will find in the information box right behind the supplier number in brackets.

If a possible error is still present or article numbers are still missing, please contact Häfele support (see chapter 8)

7. Weblog Functionality

This version of the Hafeti software contains a simple feedback function to a web server at Häfele. If your computer has internet access, the amount of printed paper sheets will be reported back to Häfele. This simplifies the material planning of new printing sheets. Also it is possible to check, if your system has the latest data version installed.

This function is configured in parameter file hafeti.ini

```
  [WEBLOG]
URL=https://conn.hafele.com/cgi-bin/hafeti_stat.pl
RETRIES=3
KEEP_DAYS=90
DEBUG=TRUE
```

During label creation it will be tried up to 3 times to transmit this data to Häfele. If data could not be transmitted, it will be written for adjustable 90 days into the ASCII file hafprintlog.csv in the program/application directory.

If option DEBUG=TRUE is enabled, internet access is also logged into file hafprintlog.log. Example of a dataset:

```
Submit printing data of id 1 at 06.02.2012 12:14:26

HTTP-Request: https://conn.hafele.com/cgi-
bin/hafeti_stat.pl?timestamp=06.02.2012 12:14:26&supno=0902778&hafetiver=4.0.1.0&dataver=20
120115&artno=00640271&labelsprinted=60&labelsheetsused=5&debug=1

HTTP-Response:
timestamp='2012-02-06 12:14:26'
supno='0902778'
hafetiver='4.0.1.0'
dataver='20120115'
artno='00640271'
labelsprinted='60'
labelsheetsused='5'
State=OK
```

8. Troubleshooting

Error Descriptions

If you encounter problems during installaton or using the software, please store eventually appearing error messages (i.e. Ctrl-Print and paste into a Word / Wordpad document with Ctrl -V) besides the information box of the HafEti4 main window, if HafEti4 is already installed. Send this file together with the logfiles C:\Prog…\haefele\hafeti4*.log, your supplier number and a short description of the error and the executed steps to our

Teleservice

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