Operator's Manual

cablabel S3 Print

Operator's Manual
for the following products

Family	Art. Nr	Type
Labelling Software cablabel S3	5588002	cablabel S3 Print
	5588011	cablabel S3 Print Laser

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1.1 Instructions

Important information and instructions in this documentation are designated as follows:

Danger!
Draws your attention to an exceptionally grave, impending danger to your health or life.

Warning!
Indicates a hazardous situation that could lead to injuries or material damage.

Attention!
Draws attention to possible dangers, material damage or loss of quality.

Notice!
Gives you tips. They make a working sequence easier or draw attention to important working processes.

Environment!
Gives you tips on protecting the environment.

▶ Handling instruction.

▷ Reference to section, position, illustration number or document.

∗ Option (accessories, devices, special fittings).

`Hour` Information in the display.

1.2 System requirements

- PC with 2 GHz Processor or higher
- 32/64 bit Microsoft® Windows® operating system with latest updates:

Windows Vista	Server 2008
Windows 7	Server 2008 R2
Windows 8	Server 2012
Windows 8.1	Server 2012 R2
Windows 10	Server 2016
	Server 2019

- 1 GB available RAM (depending on the system)
- 500 MB available hard disk space
- Minimum screen resolution of 1280x1024
- Administrator rights on local computer for installation and activation

1.3 cablabel S3 specifications

	Lite	Pro	Print	Print Server[1]
General functions				
Languages: English, French, German, Spanish, Italian, Polish Chinese (simplified and traditional), Korean	■	■	■	■
Creating labels with layers management	■	■		
Wizard-based user interface	■	■		
cab labels formats	■	■		
Printing labels	■	■	■	■
JScript code viewer		■		
Unicode support	■	■	■	■
True WYSIWYG	■	■	■	■
Multiline texts, paragraph	■	■	■	■
TrueType fonts	■	■	■	■
Text alignment and decimals formatting	■	■		
Max width of text and hyphenation		■	■	■
Text box with various markups (e.g. for highlighting allergens)		■	■	■
Graphic import Raster (bmp, jpg, tif, ...)	■	■		
Graphic import Vector (dxf, plt, svg, ...)		■		
Color support	■	■	■	■
Background image or color	■	■	■	■
Linear, 2D, GS1 and composite types of barcodes	■[2]	■	■	■
Barcode wizard GS1/EAN/UCC-128, FACT/MH10 and QR		■		
Prompt fields free	■	■	■	■
Prompt fields with input mask and choice list		■	■	■
Barcode verifier and compound prompts		■	■	■
Date and time including offsets and format wizards		■	■	■
Counter basic (numeric and increment +/-1)	■	■	■	■
Counter advanced (alphanumeric, increment +/-n, reset, ...)		■	■	■
Formula: mathematical operations, manipulate strings, ...		■	■	■
Laser devices support		■[3]	■[3]	
ABC basic compiler support with code library		■		
Variable graphics and character map		■		
Variables: datasources with information about the label, the printer, ...		■	■	■
View and control of the printer display[4]	■	■	■	■
Database functions				
OLE DB, ODBC, ASCII		■	■[5]	■[5]
Database Connector and SQLite for the standalone mode		■		
Query editor		■		
Multiple tables and databases		■	■[5]	■[5]
Import / export functions				
Print to file	■	■		
Export to graphic PNG		■		
Export to PDF		■		
Import of LBL JScript files		■		
Printing functions				
Interfaces: serial, parallel, USB, Ethernet, WLAN	■	■	■	■
Number of native cab printers	unlimited	unlimited	unlimited	[6]
Printer spooler	■	■	■	■
Bidirectional communication	■	■	■	■
Standalone mode	■	■	■	■
Network printer (TCP/IP)	■	■	■	■
Windows printer		■	■	■

Table 1 Specifications

[1] In progress
[2] Except EAN 18/128 barcodes
[3] Specific version
[4] Depending on printer model and used port
[5] Run queries only
[6] Depending on license

2.1 Installing on computer

Notice!
It is possible to do a silent installation of cablabel S3 directly in command line.
For more information ▷ 7.1 Installation parameters.

- ▶ Insert the delivered CD-Rom in your computer, the installation should start automatically.
  If the autorun does not start or if you have downloaded the installation file, double-click on the file « cablabelS3_XXXX_Setup.exe » to begin the installation (where XXXX matches your version).
- ▶ Select the installation language of the program.

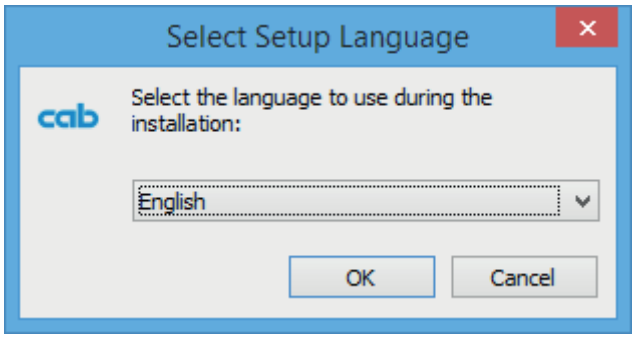


Figure 1 Select installation language

- ▶ Start installation and read the user license.

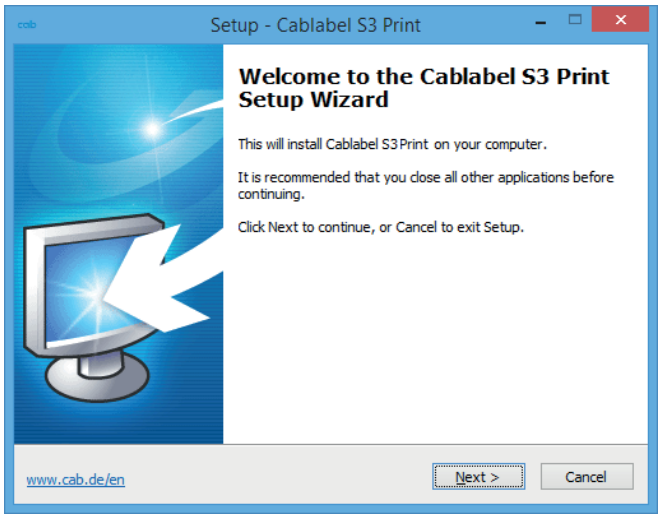


Figure 2 Start of installation program

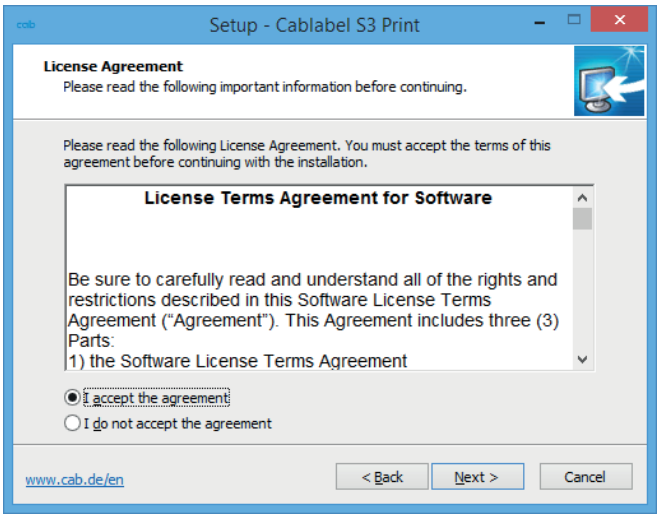


Figure 3 License agreement

▶ Enter user information and read the release notes.

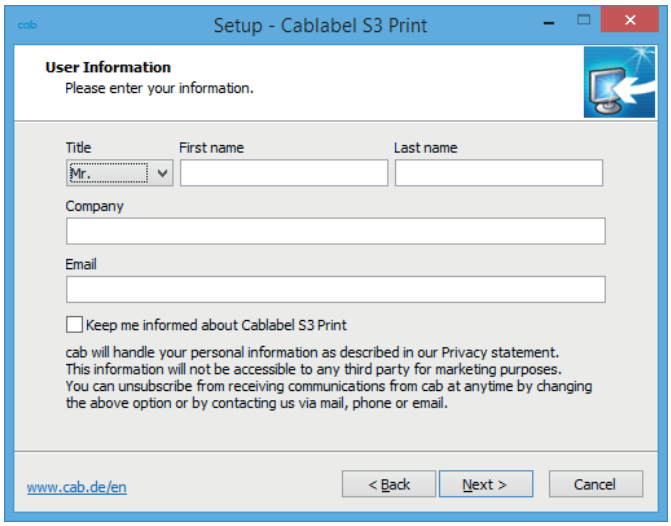


Figure 4 User information

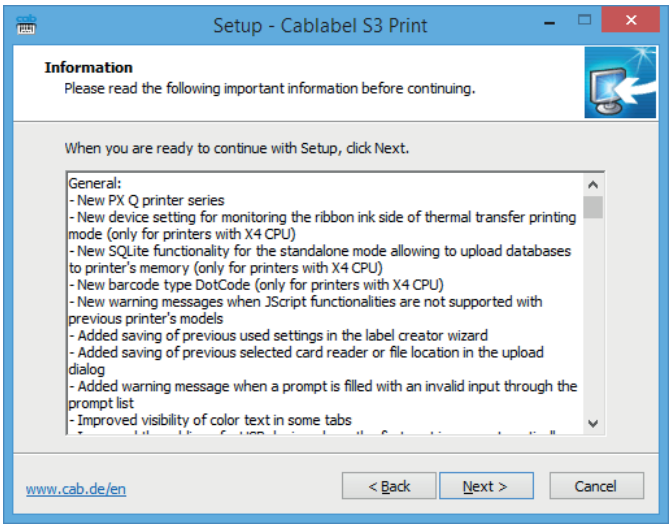


Figure 5 Release notes

▶ The program will be installed by default in the displayed folder, you can change it only if required.

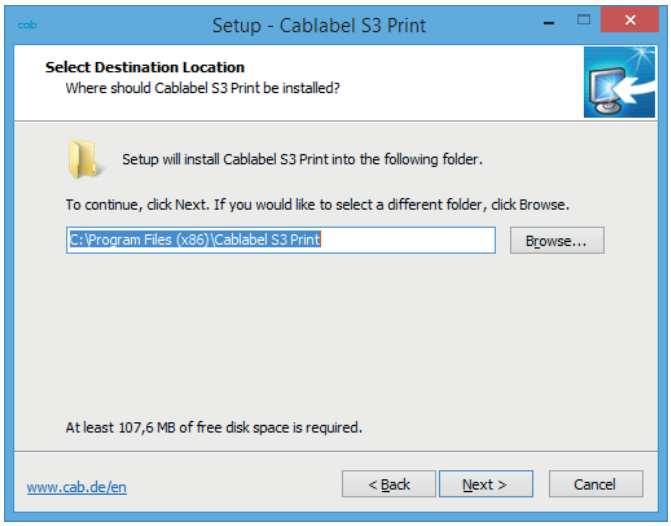


Figure 6 Choose of target folder

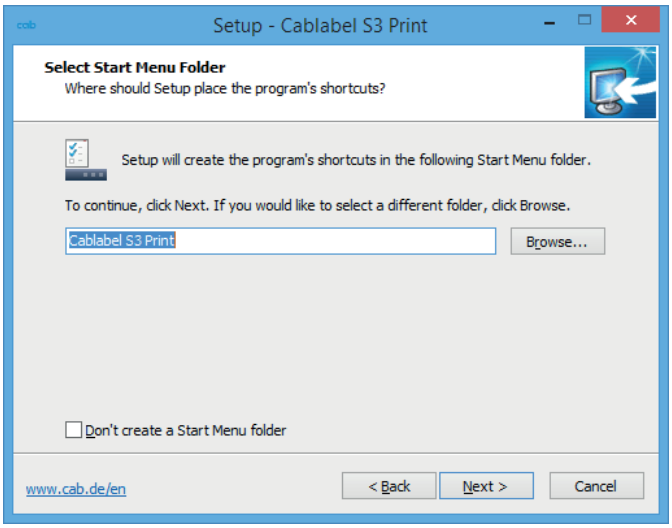


Figure 7 Choose of start menu folder

▶ Select the additional tasks to be done by the installation program and check the selected options summary.

▶ Click on `Install`.

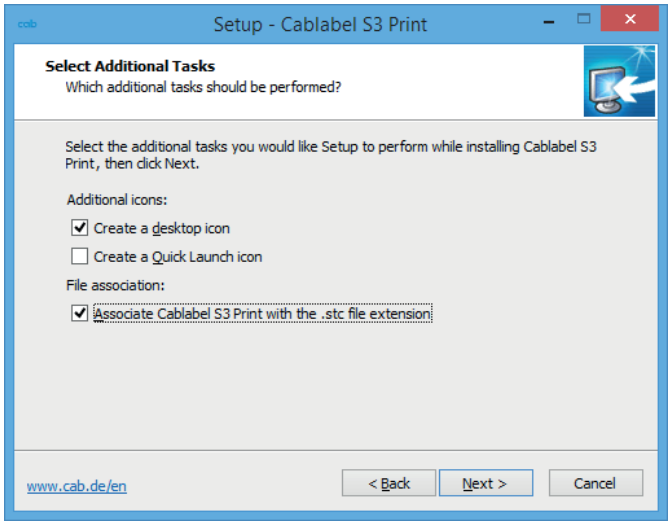


Figure 8 Additional tasks

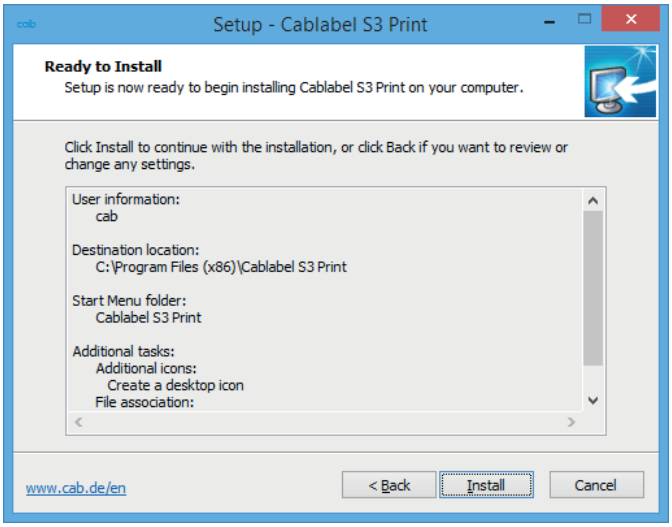


Figure 9 Installation summary

▶ Wait until the end of the installation.

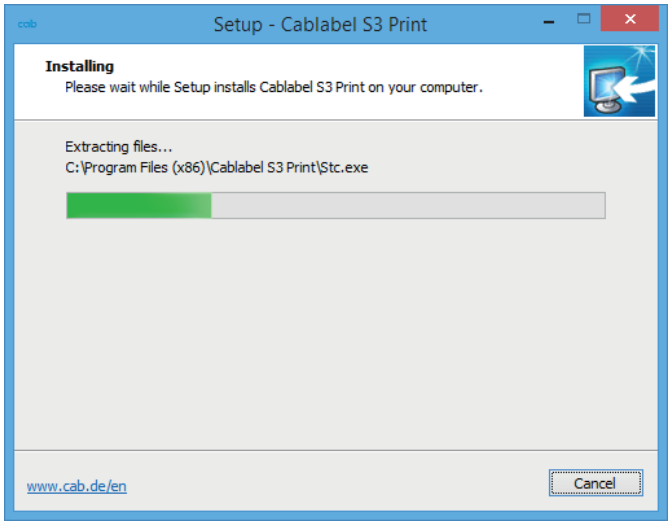


Figure 10 Installation progress

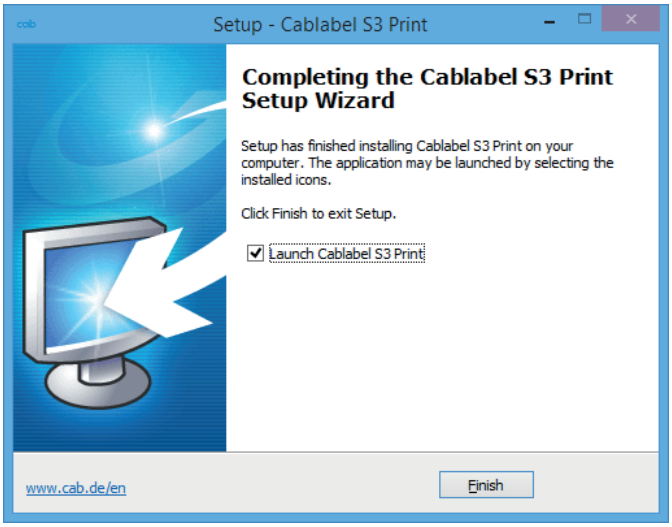


Figure 11 End of installation

2.2 Program starting

After installing cablabel S3, an icon of the program is placed on the user desktop and/or in the start menu (depending on selected installation options).

▶ Start the program by double clicking on one of these icons.

2.3 Activation

An activation is needed before you can use the program.

Attention!
The program cannot be used without being activated.

At the first start, a message will ask you to activate the program.

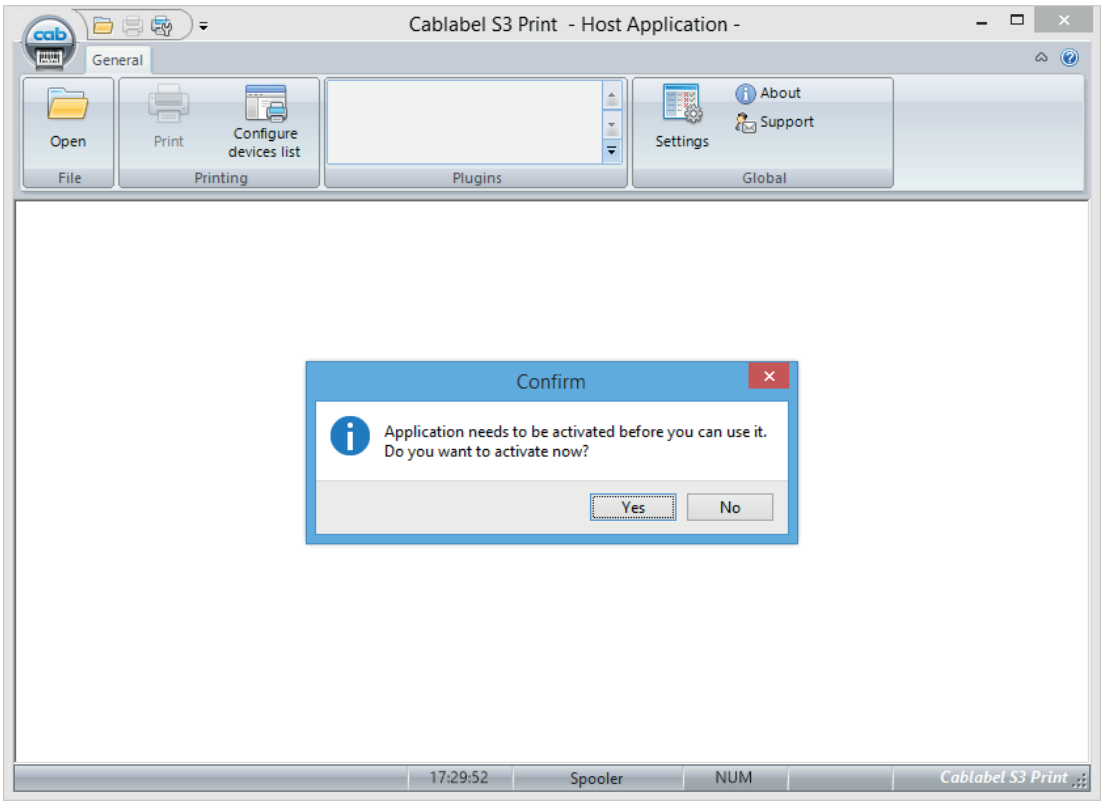


Figure 12 Program activation

After clicking on `Yes`, the activation wizard starts.
Or else by clicking on the `About` button in the toolbar of the `General` tab.

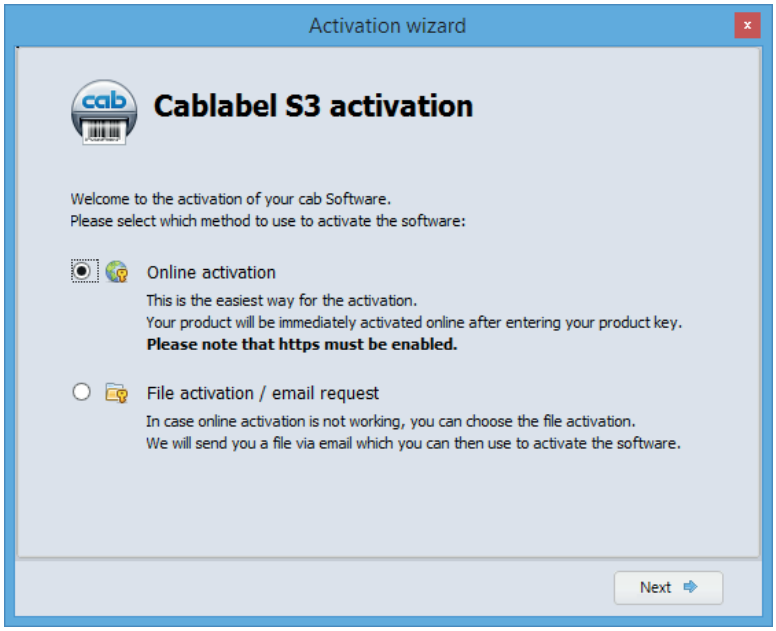


Figure 13 Activation wizard

2.3.1 Online activation

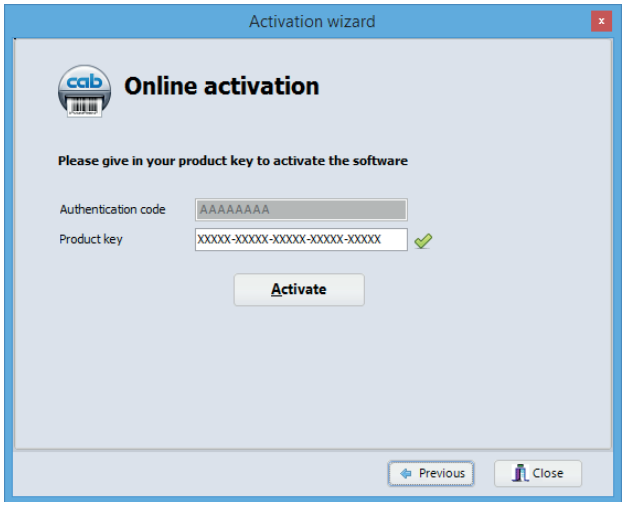


Figure 14 Online activation

- ▶ Enter product key provided with your purchase.
- ▶ Click on the `Activate` button.
  After a few seconds, the software will be automatically activated through internet and will then restart.

Notice!
An internet access is required for online activation.
Otherwise you will have to use the file activation.

2.3.2 File activation

Figure 15 File activation

If you don't have an internet access or if the online activation did not work, it is possible to do a file activation.

- ▶ Enter product key provided with your purchase.
- ▶ Click on the `Request` button to generate automatically an email containing the activation request.
  If this does not work, the activation request is created on the desktop in a TXT format file.
- ▶ Send the activation request to the specified address from a computer connected to the internet.
  After verification by the activation service, you will receive in response the activation file.
- ▶ Copy the activation file to the computer where cablabel S3 is installed.
- ▶ Click on the "`...`" button to select the activation file.
- ▶ Click on the `Activate` button.
  The software will then be activated and will automatically restart.

3.1 Main interface

After activation and restarting, the welcome page appears:

Figure 16 cablabel S3 welcome page

1.	Quick access bar	Quick access to the most common commands (open, save ...)
2.	Main button	Access to main software commands
3.	Toolbar	Access to different objects and properties of selected ribbon
4.	Welcome page	Starting page
5.	Open label	Open an existing label
6.	Status bar	Status and information
7.	Recent files	List of last opened labels, with favorites pinning possibility
8.	File information	Preview and information of the selected label
9.	♡ / ♤	Show / hide the toolbar
10.	Help button	Access to the operator's manual you are currently reading

3.2 Viewer

The viewer let you do a visual control of the label and manage its printing, this without any risks for the objects on it.

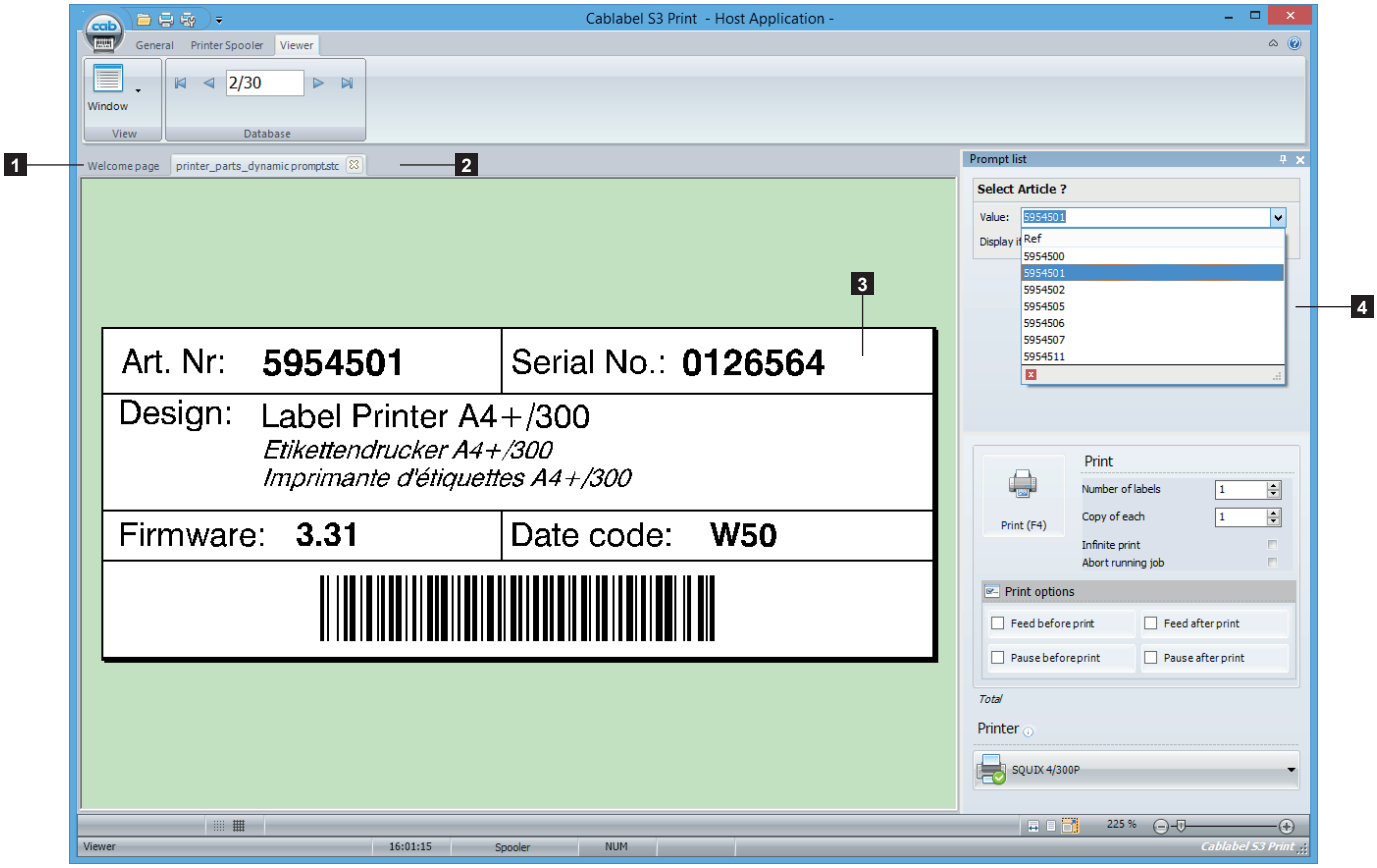
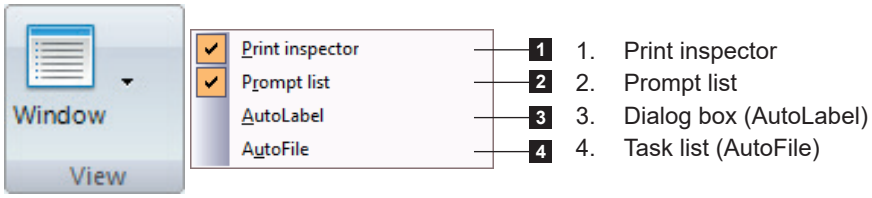


Figure 17 Viewer

1. Welcome page or special operating mode	Welcome page tab or current operating mode title
2. Opened label	Name of the current opened label
3. Label preview	Label with the different objects
4. Prompt list	To print through prompt fields

3.2.1 View toolbar

The `View` toolbar is composed of the different visual commands.

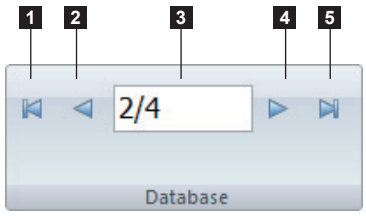


1. Print inspector
2. Prompt list
3. Dialog box (AutoLabel)
4. Task list (AutoFile)

Figure 18 View toolbar

3.2.2 Database toolbar

The `Database` toolbar is composed of the different commands to connect and use a database.



1. First record
2. Previous record
3. Actual record position
4. Next record
5. Last record

Figure 19 Database toolbar

3.2.3 Status bar

The status bar displays different states and information of the active label.

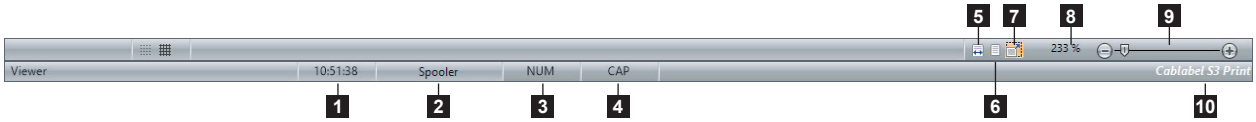
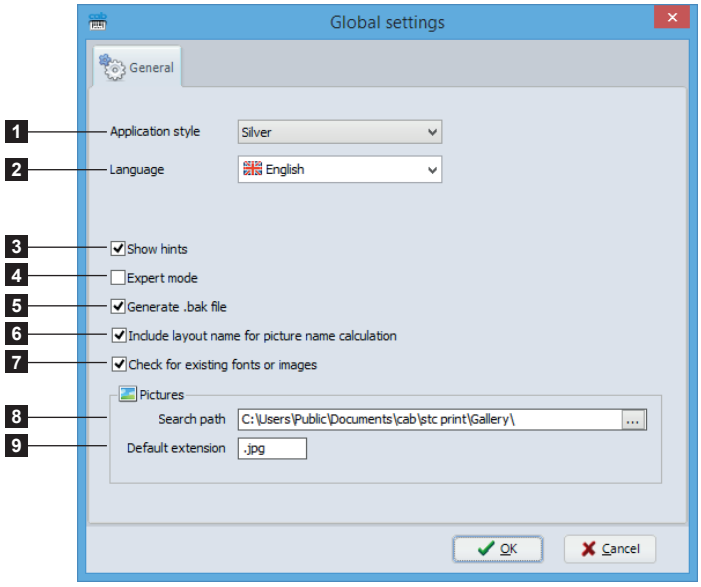


Figure 20 Status bar

1.	Current time
2.	Switch to printer spooler
3.	Num Lock status
4.	Caps Lock status
5.	View adjust to the page width
6.	View adjust to the whole page
7.	Activate / deactivate automatic resizing of the page when the window is resized
8.	Zoom level
9.	Zoom level slider
10.	cablabel S3 version

4.1 Software global settings

cablabel S3 settings are available under the `Settings` button in the `General` ribbon. You can for example change the software language or style (color theme).



1. Application style (color theme)
2. Application language
3. Show / hide the Label Creator Wizard
4. Show / hide the display of tooltips on objects
5. Enable / disable the Expert mode
6. Enable / disable the creation of a backup file
7. Includes or not the layout name in the picture name calculation generated for a printer
8. Default search folder where pictures are stored
9. Default extension for picture files

Figure 21 Software global settings

- **Expert mode**

The Expert mode allows access to some features reserved for advanced users.

It allows:

- to print documents without correction even if the parameters are outside the device specifications
▷ Notice! 5.4 Label printing

- to display the `System devices` tab when configuring a device if a document is opened
▷ 4.2.6 System devices / Document devices

4.2 Devices

All cab devices drivers are build-in in cablabel S3.
Devices are installed in the main application and their print settings will be saved in the document after the first printing.

Attention!
Unlike other labelling software, in cablabel S3 the label is created regardless of the device or resolution. The label can then be printed on any device.

So, there is no default or active device.

4.2.1 Add a device

To add a new device click on the `Configure printers list` button in the general ribbon or click on the `Printers` tab on the welcome page.

- ▶ Select the device type (1) and device model (2) to install from the right list.
- ▶ Double-click on selected model (2) or click on `Install selected device` button (3) to install it. It will be added on the left in the installed devices (4).
- ▶ Validate with the `OK` button (5).

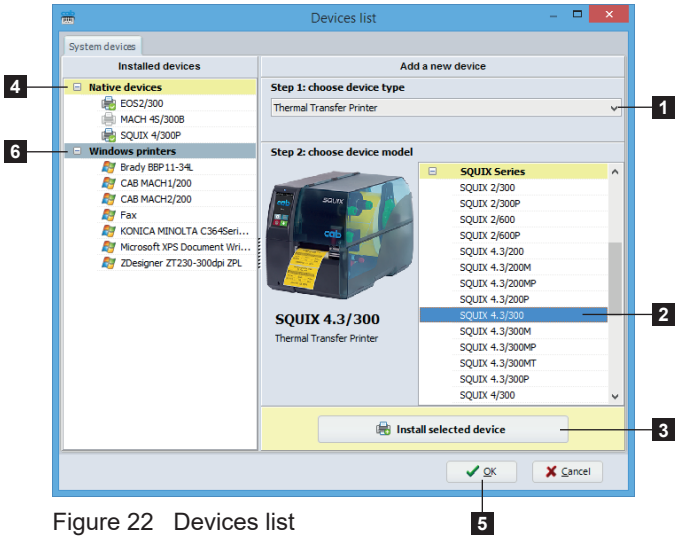


Figure 22 Devices list

Attention!
With cablabel S3 Print, it is possible to use any other non native device (6), provided that it is detected and installed as a printer on Windows.

However, standalone mode and "Replace" cannot be used on these devices, and the data integrity is not guaranteed on the printout.

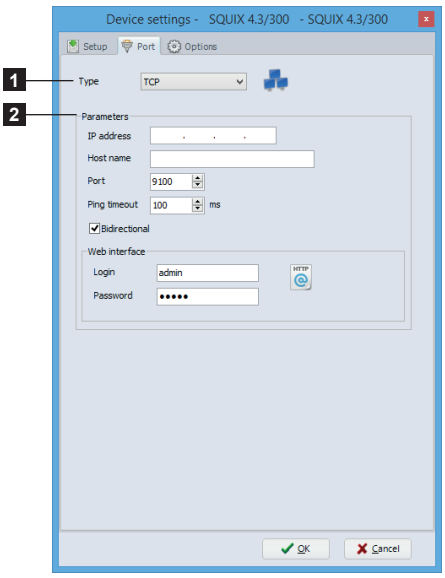


Figure 23 Port settings

After adding a device, the port selection window opens automatically.

- ▶ Select port type (1) and port settings (2).

Notice!
The available port types depend on the selected device.

4.2.2 Delete a device

- ▶ Select device model to delete in the installed devices list on the left.
- ▶ Right-click on it and select the `Remove device` command.

4.2.3 Rename a device

Each device is installed with a default name.

To change this name:

- ▶ Select device model in the installed devices list on the left.
- ▶ Right-click on it and select the `Rename device` command.
- ▶ Enter new name.

4.2.4 Configure a device

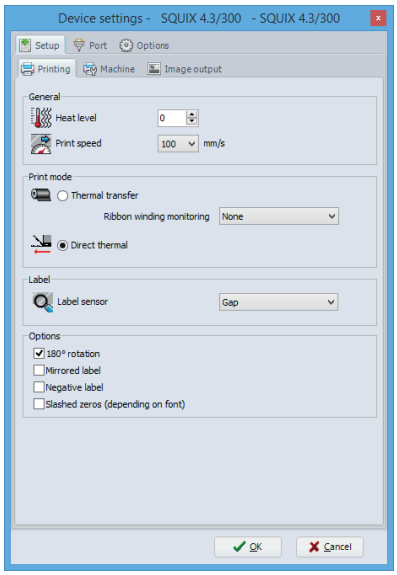


Figure 24 Device settings

To configure a device :

- ▶ Select the device to configure in the installed devices list on the left.
- ▶ Double-click on this device or right-click and select `Configure device`.
- ▶ Change the wished settings.
- ▶ Validate with the `OK` button.

Notice!
A non native device can be configured in the same way from cablabel S3 Print, with the help of the Windows driver provided with this one.

4.2.5 Device options

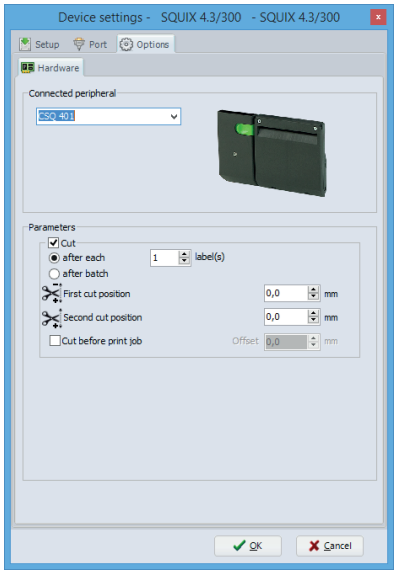


Figure 25 Device options

To add a device option :

- ▶ Select the device to configure in the installed devices list on the left.
- ▶ Double-click on this device or right-click and select `Configure device`.
- ▶ Go to `Options` tab.
- ▶ Select connected option in the list.
- ▶ Change the wished settings.
- ▶ Validate with the `OK` button.

For more information about the device settings
▷ Device manual.

4.2.6 System devices / Document devices

When a document is printed, system device settings are automatically copied into it.
By next printing these document settings are automatically recalled.

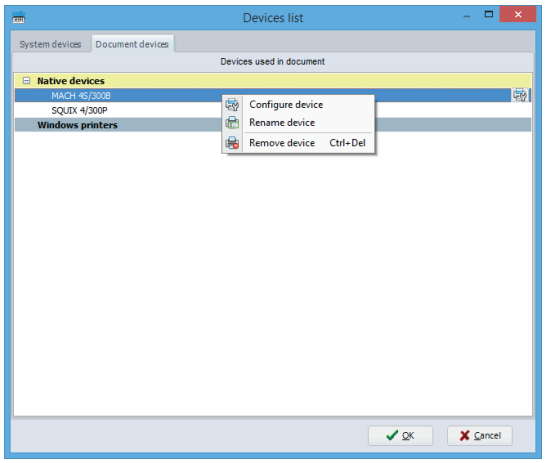


Figure 26 System / document devices list

Notice!

The `System devices` tab is only displayed in Expert mode.
By default it is the `Document devices` tab which is displayed.

Attention!

An already printed document will use the device settings saved into it.

To change these settings, you have to change them in the device settings of this document and not in the system settings.

When a document device is deleted, the system device settings are again copied during next printing.

4.3 Print configurator tool

The `Print configurator` tool allow to set the running mode of cablabel S3 Print.

After installing cablabel S3 Print, an icon of the Print configurator tool can be found in the start menu or directly in the installation folder (depending on selected installation options).

▶ Start the program by double clicking on one of these icons.

The tool configuration can also be imported or exported by clicking on the `File` menu.

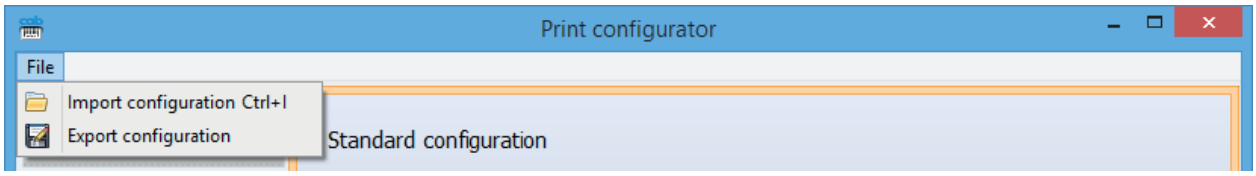


Figure 27 Menu

4.3.1 Standard mode

The `Standard` running mode allows into cablabel S3 Print, to open and print a label by browsing the folders on the computer.

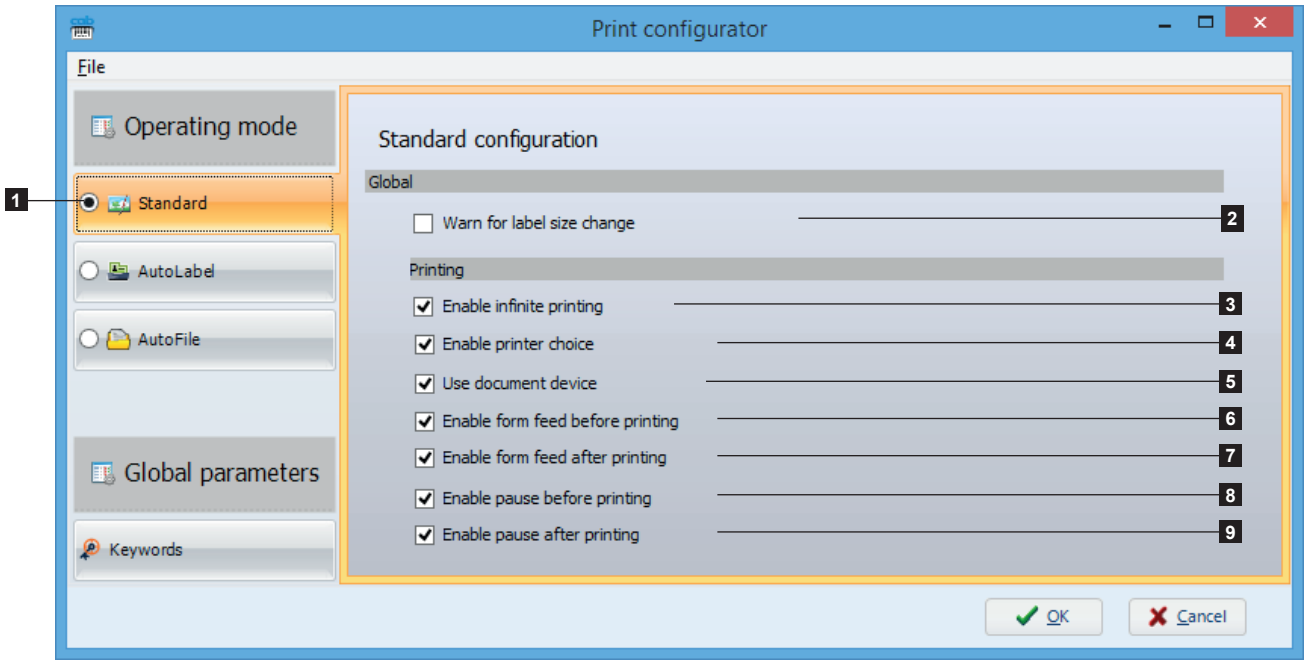


Figure 28 Standard mode

- **Mode global settings**

1.	Operating mode	Buttons to select the operating mode
2.	Warn for label size change	Notice the operator when the label size changes

- **Printing settings**

3.	Enable infinite printing	Operator is allowed to start a label in infinite printing
4.	Enable printer choice	Operator is allowed to change the default printer
5.	Use document device	Select default printer according to the document devices
6.	Enable form feed before printing	Operator is allowed to add a form feed before printing
7.	Enable form feed after printing	Operator is allowed to add a form feed after printing
8.	Enable pause before printing	Operator is allowed to pause the printer before printing
9.	Enable pause after printing	Operator is allowed to pause the printer after printing

4.3.2 AutoLabel mode

The `AutoLabel` mode allows into cablabel S3 Print, to open the label associated to a selected field through a custom dialog box, and to get other additional information in order to set the default printing.

Notice!
This mode requires a database with the necessary information for the different parameters.
These information could for example be added to the database used by the labels.

- **Mode global settings**

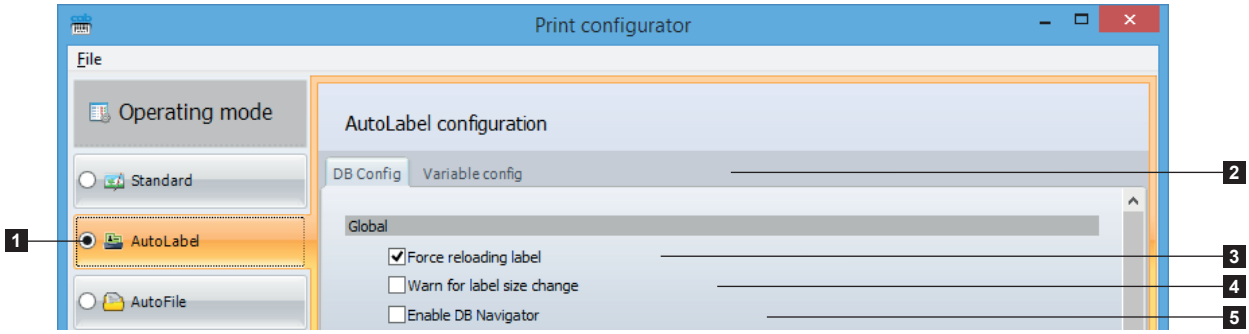


Figure 29 Global section

1.	Operating mode	Buttons to select the operating mode
2.	Configuration tabs	Access to database and variable settings
3.	Force reloading label	Force to reload the label at opening, even if its name is same
4.	Warn for label size change	Notice the operator when the label size changes
5.	Enable DB Navigator	Operator is allowed to navigate in the database records with the toolbar

- **Printing settings**

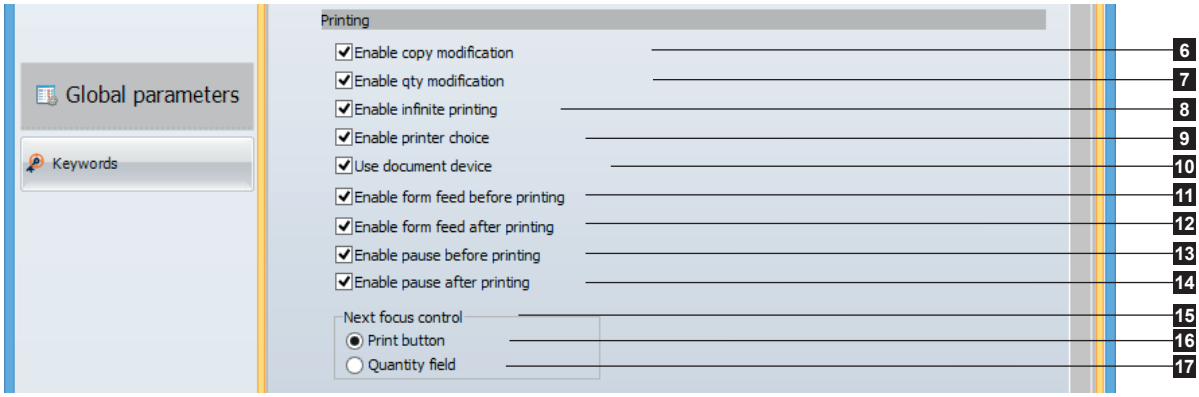


Figure 30 Printing section

6. Enable copy modification	Operator is allowed to change the copy of each label
7. Enable qty modification	Operator is allowed to change the quantity of printed labels
8. Enable infinite printing	Operator is allowed to start a label in infinite printing
9. Enable printer choice	Operator is allowed to change the default printer
10. Use document device	Select default printer according to the document devices, only if there is no printer specified in the database
11. Enable form feed before printing	Operator is allowed to add a form feed before printing
12. Enable form feed after printing	Operator is allowed to add a form feed after printing
13. Enable pause before printing	Operator is allowed to pause the printer before printing
14. Enable pause after printing	Operator is allowed to pause the printer after printing
15. Next focus control	Define on which object of interface the cursor will be positioned, for example after label opening or having filled out the prompt fields
16. Print button	Automatically place the cursor on `Print` button
17. Quantity field	Automatically place the cursor on quantity field

- **Label selection**

This section allows especially to configure the dialog box in the AutoLabel window.

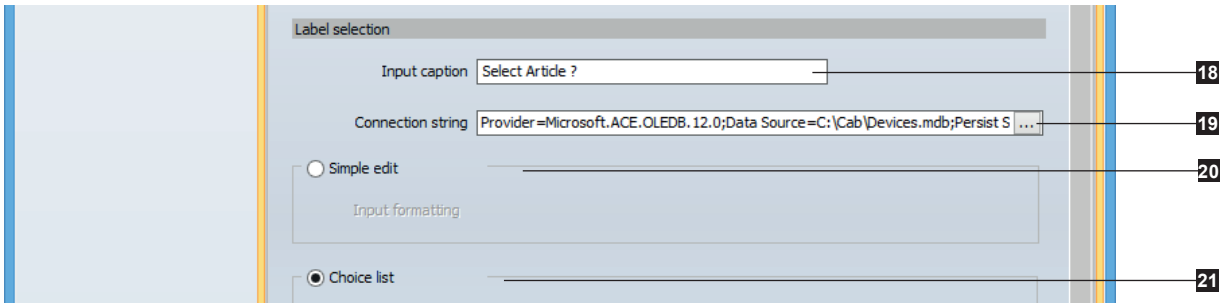


Figure 31 Label selection section

18. Input caption	Prompt text displayed to operator in the AutoLabel window
19. Connection string	Creation of the connection string to database

- **Dialog box type**

20. Simple edit	Free entry, without predefined selection list
21. Choice list	Configuration of a customized choice list

Notice!
The `Simple edit` selection (16) does not need any configuration in this section.

- **Choice list**

This section allows to configure the content to list in the choice list.

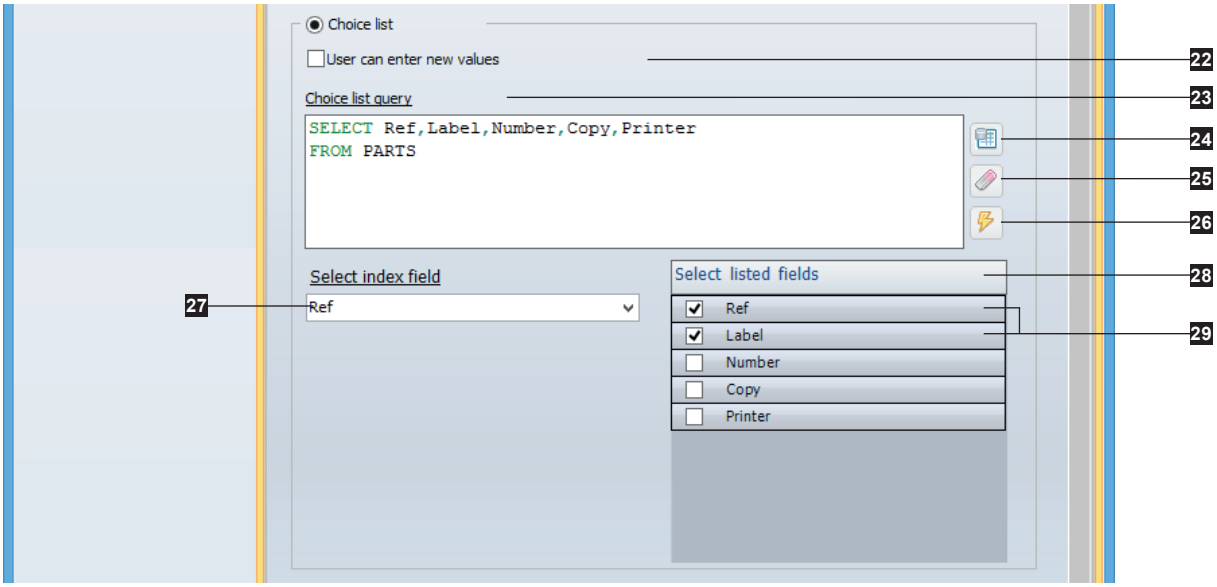


Figure 32 Label loading section

22. Enter new values	Allow to enter values which are not present in the choice list
23. Choice list query	Query to load the fields to display in the list
24. Grid	Query builder wizard
25. Eraser	Clear query
26. Lightning	Retrieve the fields of query for filling out select (23) and (24)
27. Select index field	Database field with the data entered by operator
28. Select listed fields	Choice of fields to display in the list
29. Selected fields	Fields displayed in the choice list, with at least the index field

Attention!

It is possible to choose one or more fields in `Select listed fields` (24).

But there must be at least the index field (23)

- **Label loading**

This section allows to configure the label opening and the retrieving of the source values.

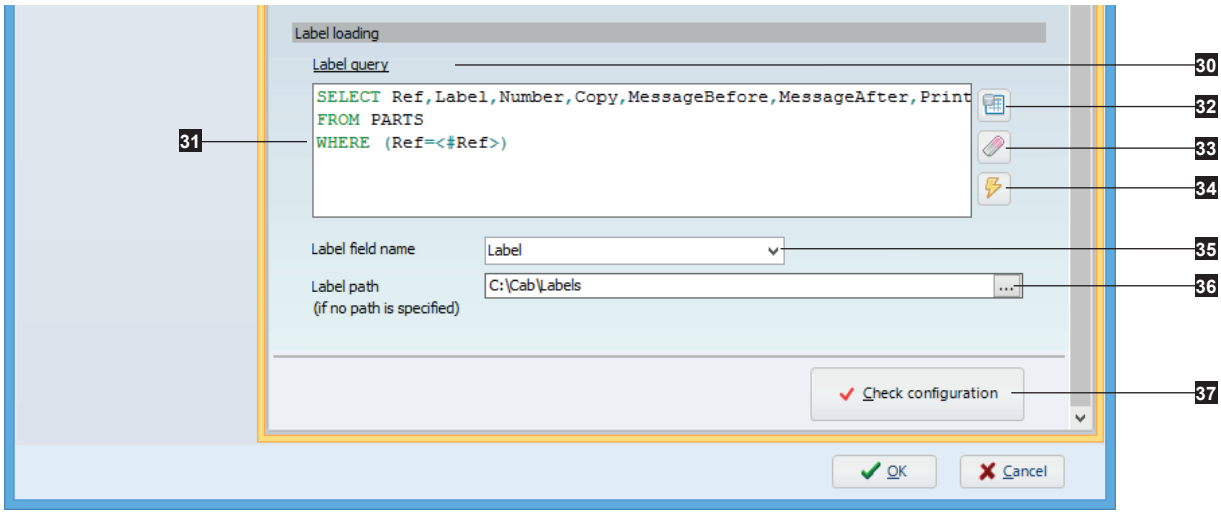


Figure 33 Label loading section

30. Label query	Query to load the labels and the source values
31. WHERE	Allow here to extract only the data matching to the record entered by operator
32. Grid	Query builder wizard
33. Eraser	Clear query
34. Lightning	Retrieve the fields of query for filling out select (31) and tab `Variable configuration`
35. Label field name	Selection of database field with the label names
36. Label path	Default folder with the labels to open, if is not specified in their names
37. Check configuration	Check if all needed information are filled out and seem consistent

Notice!
In the `Label query` (26) there must be at least, the field with the data entered by operator as well as the one with the label names.

It also allows to include, the fields with the printing settings and the new values to assign to the objects from opened label.

Notice!
To generate the WHERE (27) without syntax errors, use the query builder wizard (28).

After selecting the different fields of query, you just need to add a condition to the field with the data entered by operator (named in this case Ref), depending on the type of used dialog box.

In `Simple edit`, insert in the `Where` box the text '<#EditValue>' written like this with all characters.
This results after validation the following condition : WHERE (Ref='<#EditValue>')

In `Choice list`, select in the `Where` box the name of the index field specified for the choice list.
This results after validation the following condition : WHERE (Ref=<#Ref>)

Attention!
The `Check configuration` (33) is not working guarantee !

- **Variable configuration**

In this tab you can assign the loaded values to the target objects from cablabel S3 Print interface or from label.

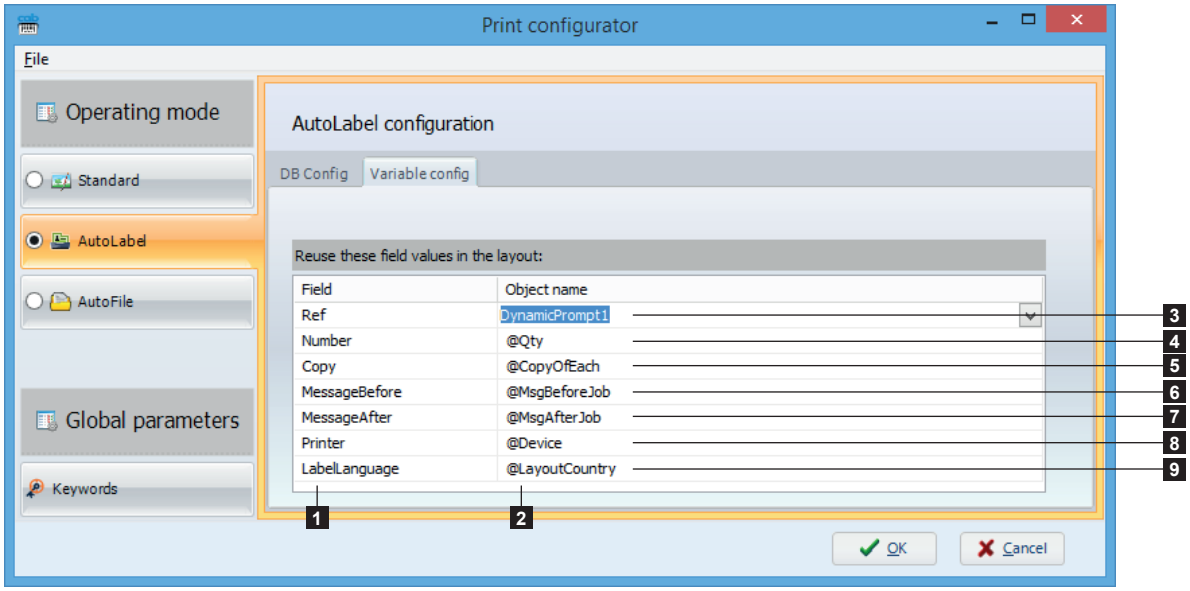


Figure 34 Variable configuration tab

1.	Field	Fields name from database with the source values
2.	Object name	Target objects name from cablabel S3 Print interface or from label
3.	DynamicPrompt1	Matches here to a prompt field from label with a dynamic choice list
4.	@Qty	Set default label quantity to print
5.	@CopyOfEach	Set default copy of each label to print
6.	@MsgBeforeJob	Allow to display a message on label opening
7.	@MsgAfterJob	Allow to display a message after label printing
8.	@Device	Select default printer
9.	@LayoutCountry	Set layout country of label, used for example by the datetime fields in regional format

Attention!

A dynamic prompt field (3) or a query with a selection filter must be created in each label, in order to position automatically at its opening, the active record on received value from source field.

Notice!

In order that the fields name are listed in the combo box, they need to be included in the `Label query`.

When allowed, quantity values and default printer selection remain changeable by operator in cablabel S3 Print interface.

4.3.3 AutoFile mode

The `AutoFile` mode allows into cablabel S3 Print, to open automatically the label specified in a print file print through a task list, and to get other additional information in order to set the default printing.

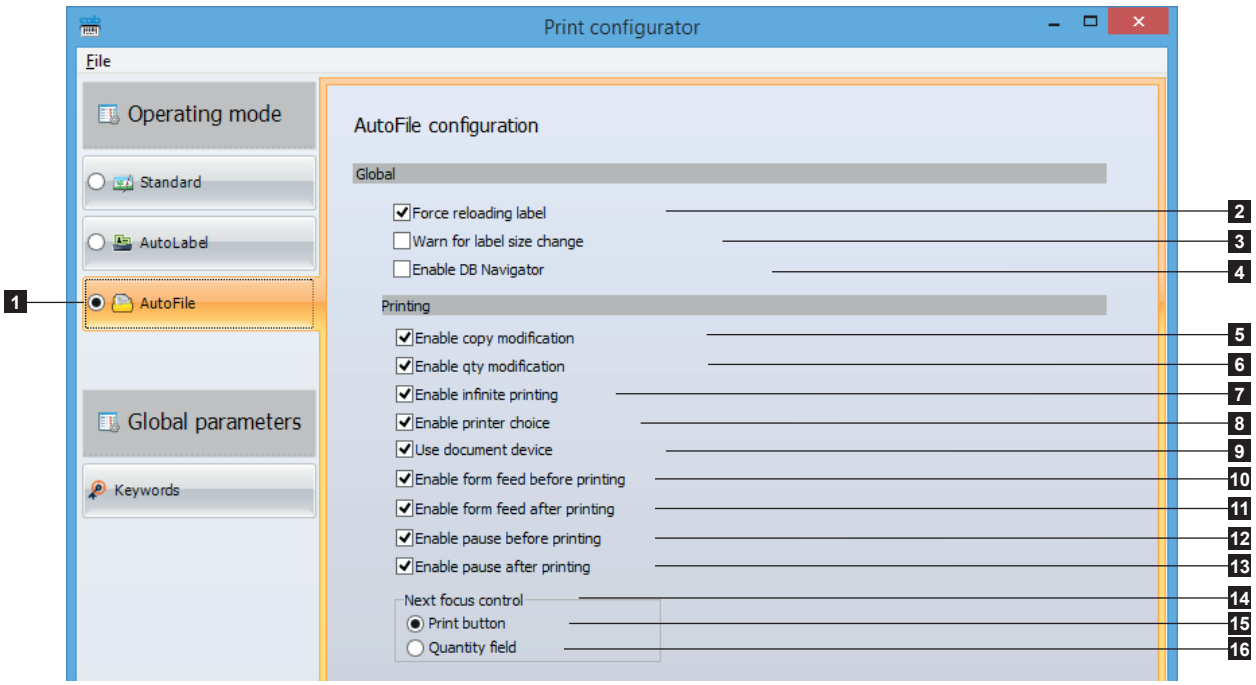


Figure 35 AutoFile mode

- **Mode global settings**

1. Operating mode	Buttons to select the operating mode
2. Force reloading label	Force to reload the label at opening, even if its name is same
3. Warn for label size change	Notice the operator when the label size changes
4. Enable DB Navigator	Operator is allowed to navigate in the database records with the toolbar

- **Printing settings**

5. Enable copy modification	Operator is allowed to change the copy of each label
6. Enable qty modification	Operator is allowed to change the quantity of printed labels
7. Enable infinite printing	Operator is allowed to start a label in infinite printing
8. Enable printer choice	Operator is allowed to change the default printer
9. Use document device	Select default printer according to the document devices, only if there is no printer specified in the printing file
10. Enable form feed before printing	Operator is allowed to add a form feed before printing
11. Enable form feed after printing	Operator is allowed to add a form feed after printing
12. Enable pause before printing	Operator is allowed to pause the printer before printing
13. Enable pause after printing	Operator is allowed to pause the printer after printing
14. Next focus control	Define on which object of interface the cursor will be positioned, for example after label opening or having filled out the prompt fields
15. Print button	Automatically place the cursor on `Print` button
16. Quantity field	Automatically place the cursor on quantity field

- **Printing jobs management**

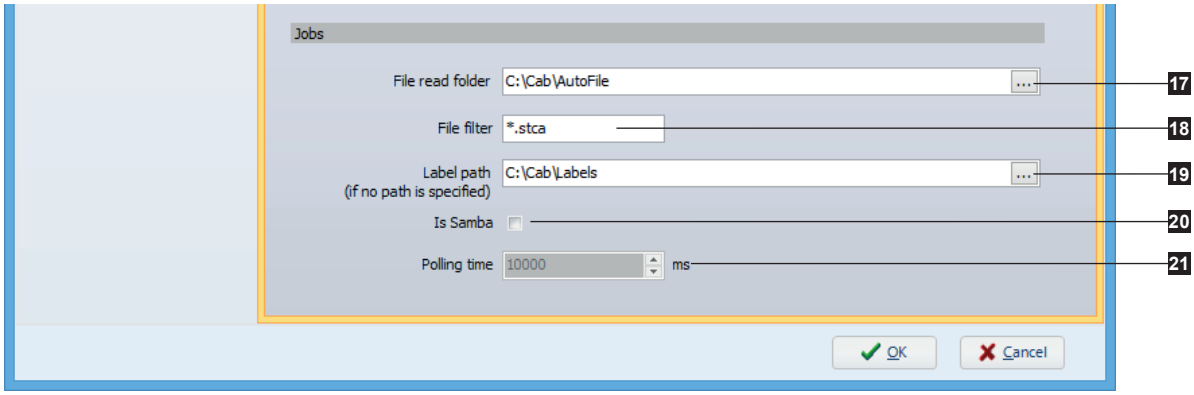


Figure 36 Jobs section

17. File read folder	Folder with the "AutoFile" printing files
18. File filter	"AutoFile" printing files extension
19. Label path	Default folder with the labels to open, if is not specified in their names.
20. Is Samba	Only in case of using a Unix server to access the file read folder
21. Polling time	Samba client polling frequency

4.3.4 Structure of an "AutoFile" printing file

An "Autofile" file is structured in the same way as an ".ini" file used usually under Windows.
This file has to be generated with UTF-8-BOM encoding, and to be copied in the folder intended for that use.
Its expected default extension is ".stca", but could possibly be changed.

Attention!
One "AutoFile" file is needed for each printing job.
These files are automatically deleted after being processed.

Be careful when using for example *.* as `File filter`, at the risk of deleting unwished files from your system.

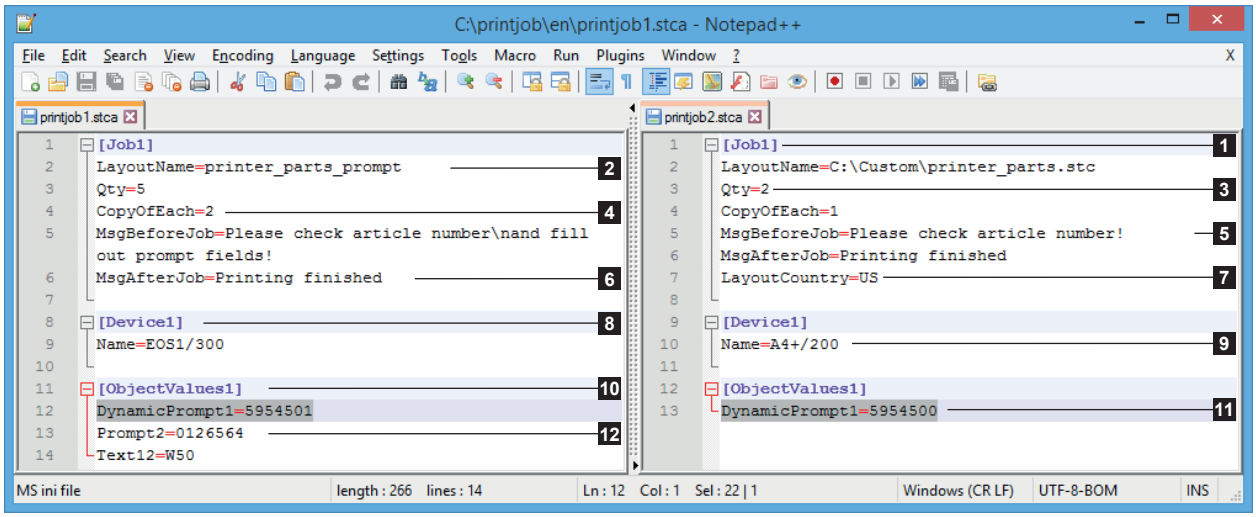


Figure 37 "AutoFile" printing files

1. [Job1]	Printing job settings
2. LayoutName=	Name of label to print
3. Qty=	Labels quantity to print as default
4. CopyOfEach=	Copy of each label to print as default
5. MsgBeforeJob=	Message displayed at label opening
6. MsgAfterJob=	Message displayed after label printing
7. LayoutCountry	Layout country of label, for the datetime fields in regional format
8. [Device1]	Printer settings
9. Name=	Printer name as default
10. [ObjectValues1]	Label objects settings
11. DynamicPrompt1=	Matches here to a prompt field from label with a dynamic choice list
12. ObjectName=	New value assigned to the corresponding object only for this job

Attention!
A dynamic prompt field (11) or a query with a selection filter must be created in each label, in order to position automatically at its opening, the active record on indicated value in the printing file.

Notice!
If the label name does not include its location, the default path configured in the `Print configurator` tool will be used.

If an object is not found in the label, the line will not have any effect. The objects which are not modified here keep their original value, except after a change resulting from a calculation linked to the modified objects or from a move to an other record of the database.

When allowed, quantity values and default printer selection, remain changeable by operator in cablabel S3 Print interface.

4.3.5 Keywords

This section allows you to define the style and to select the language(s) of the keywords. It is also possible to view the standards keywords in their different languages as well as adding your own custom keywords.

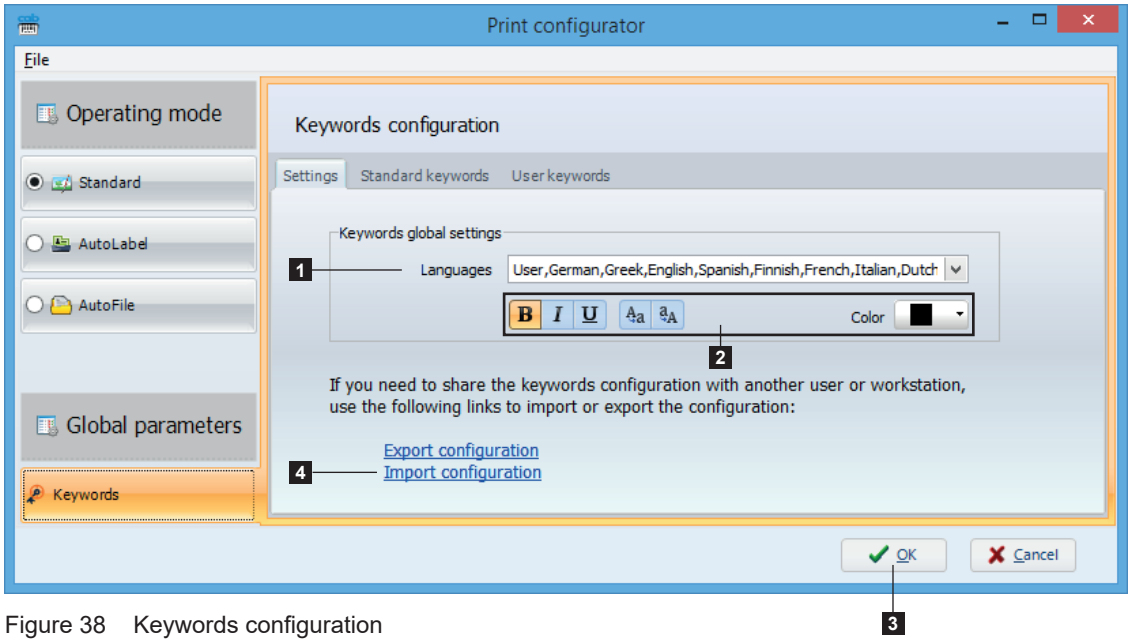


Figure 38 Keywords configuration

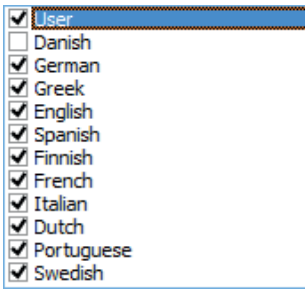


Figure 39 Languages list

- ▶ Select the desired language(s) (1) in the list (▷ Figure 36).
- ▶ Select the type of formatting to apply (2): bold, italic, underline, lowercase conversion, uppercase conversion, font color.
- ▶ Validate with the OK button (3).

The keyword configuration can also be imported or exported by clicking on the corresponding link (4).

It is possible to disable some standards keywords in the table in the `Standards keywords` tab:

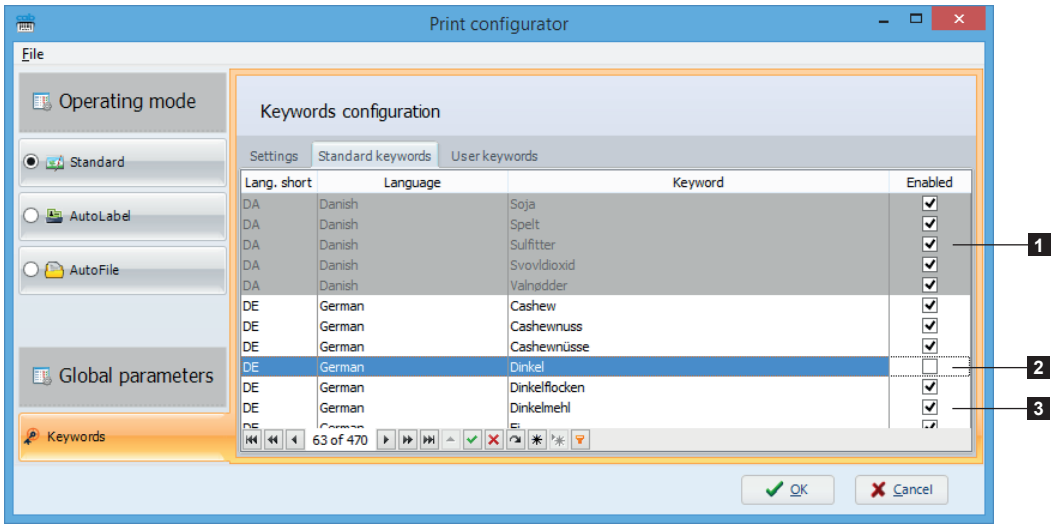


Figure 40 Standards keywords list

1.	Disabled language
2.	Disabled keyword
3.	Activated keywords

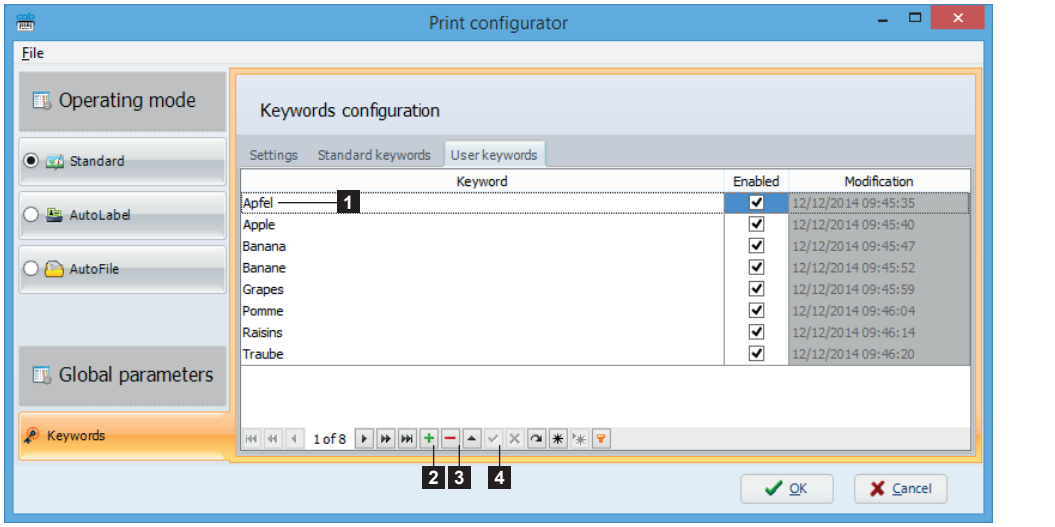


Figure 41 User keywords

To add a keyword to the list:

- ▶ Press the + button (2)
- ▶ Enter the keyword in the table (1)
- ▶ Enable / disable the keyword
- ▶ Validate if necessary with the button (4)

To delete a keyword from the list:

- ▶ Select the keyword in the table (1)
- ▶ Press the – button (3)

5.1 Standard mode

It is possible to do the printing in two different ways in Standard mode.

5.1.1 Typical printing

In this case, all printing settings are available to the operator:

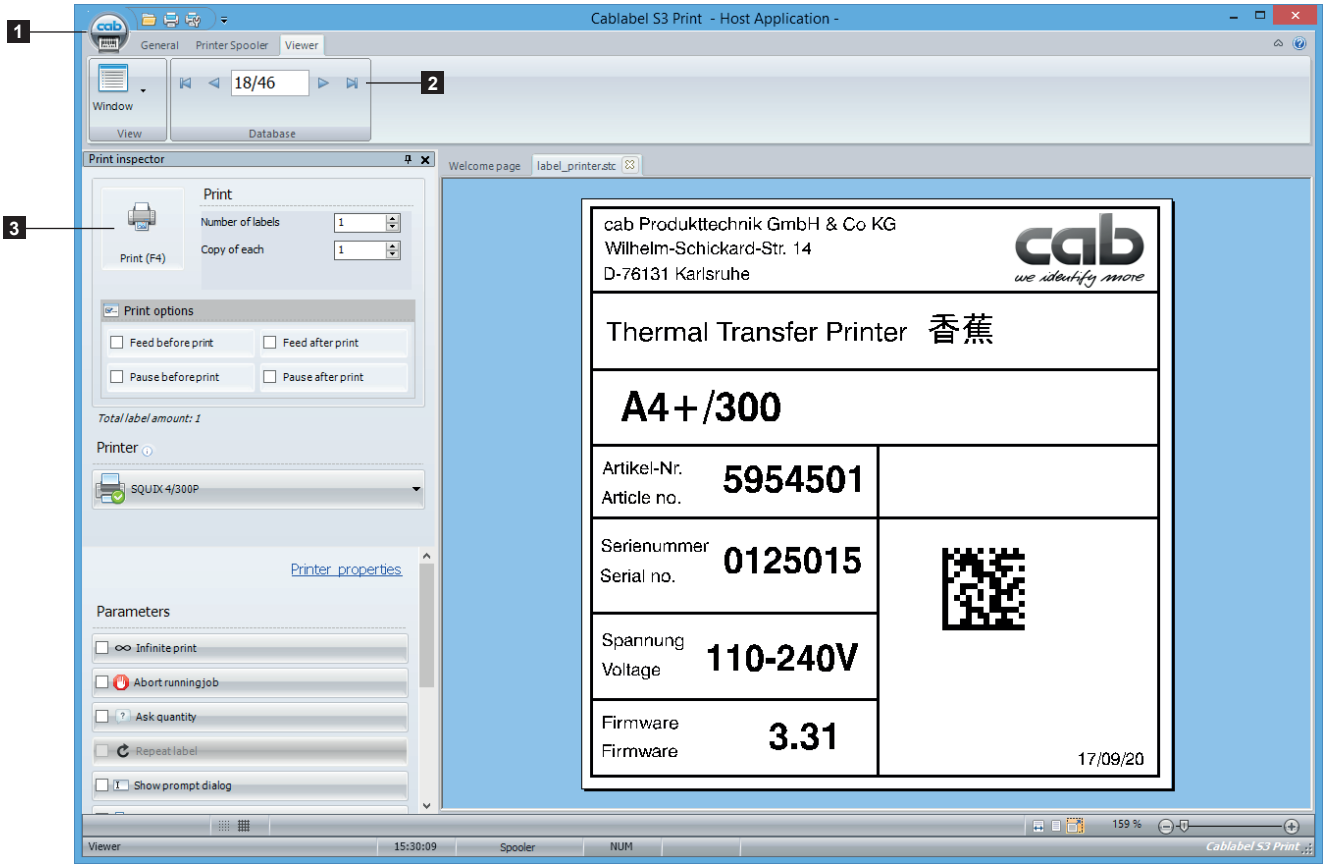


Figure 42 Typical printing in Standard mode

After starting cablabel S3 Print in Standard mode.

- ▶ Open a label through the main interface (1).
- ▶ If the label is linked to a database, select the record to print with the toolbar (2).
- ▶ Click on the print button in the `General` ribbon or in the `Print inspector` (3).
- ▶ Configure printing settings.
- ▶ Validate with the `Print` button.

Notice!
The typical printing can also be used in other operating modes to do an occasional printing.

5.1.2 Printing through prompt field

To restrict the possibilities of operator, the `Prompt list` windows can be used:

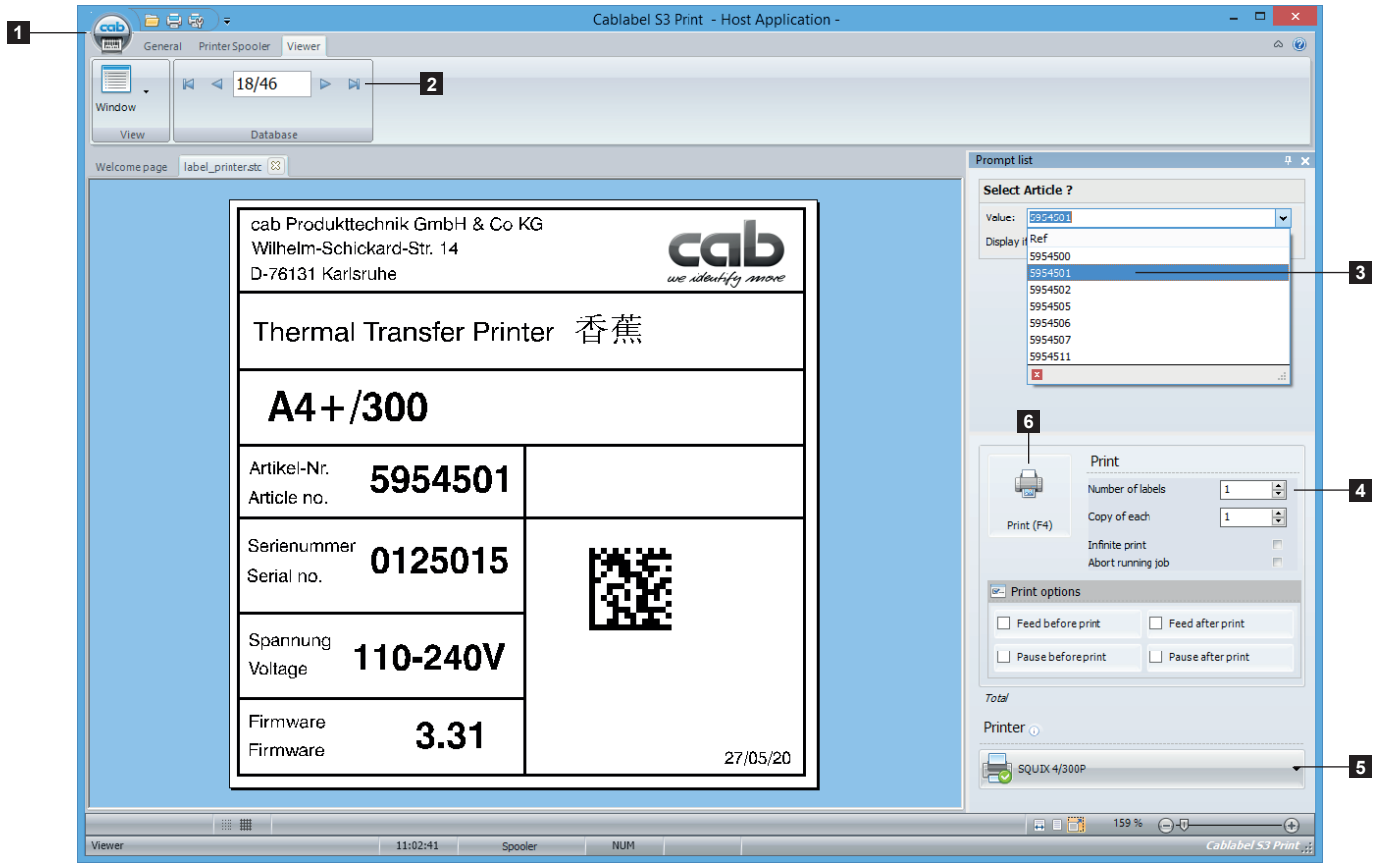


Figure 43 Printing through prompt field in Standard mode

After starting cablabel S3 Print in Standard mode.

- ▶ Open a label through the main interface (1).
- ▶ If the label is linked to a database, select the record to print with the toolbar (2).
  This could also be done in the label through a prompt field with a dynamic choice list (3).
- ▶ If necessary, fill out the data with the different proposed prompt fields.
- ▶ Change wished printing quantity (4) and select printer (5).
- ▶ Validate with the `Print` button using only the one on this windows (6).

Attention!

To be displayed in this window, prompt fields must be checked as `Active` within the label itself.

5.2 AutoLabel mode

After starting cablabel S3 Print in AutoLabel mode, following screen will be displayed :

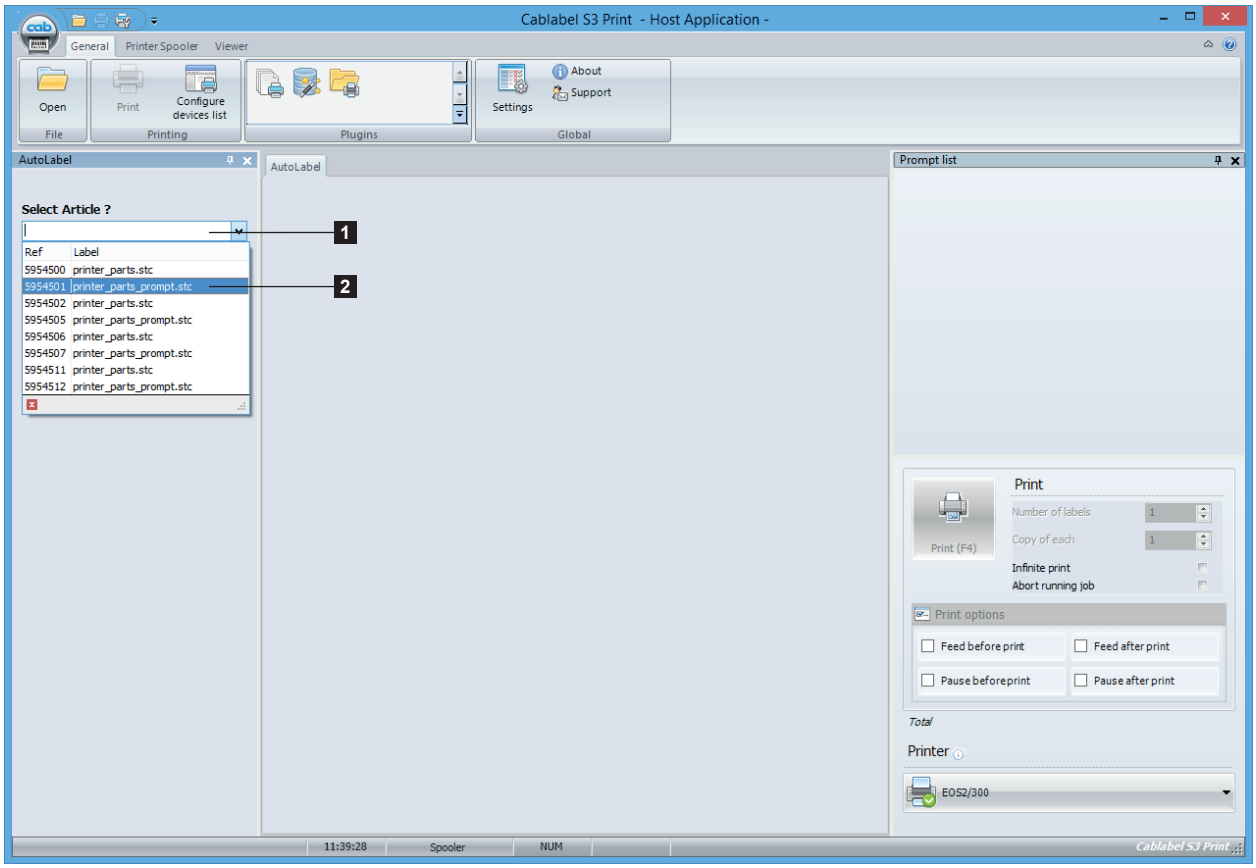


Figure 44 AutoLabel operating mode

In the dialog box of `AutoLabel` window:

- ▶ Enter the record with keyboard (1).
- ▶ Or browse the choice list (2) with mouse.
- ▶ Validate the one to print.

Notice!
The record input and validation could also be done with a barcode reader.

When the wished record is validated, following screen will be displayed :

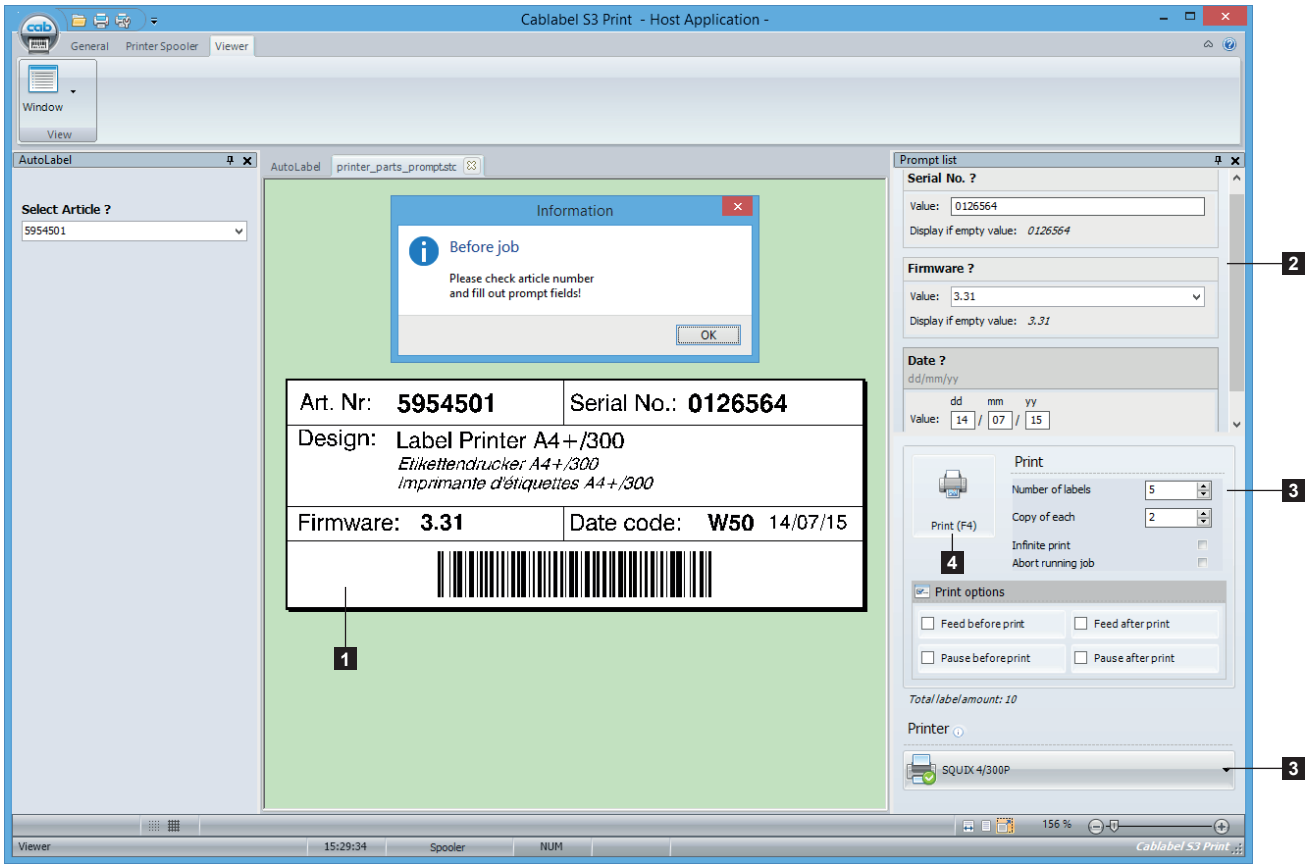


Figure 45 AutoLabel printing

The label matching to the record is automatically loaded, as well as all printing settings configured in the `Print configurator` tool.

Then, to print just need to :

- ▶ Check data on the label (1).
- ▶ If necessary, fill out the data with the different proposed prompt fields (2).
- ▶ Control or change the printing quantity and default printer (3).
- ▶ Validate with the `Print` button (4).

Once the printing is finished, repeat the steps by selecting another record.

5.3 AutoFile mode

After starting cablabel S3 Print in AutoFile mode, following screen will be displayed :

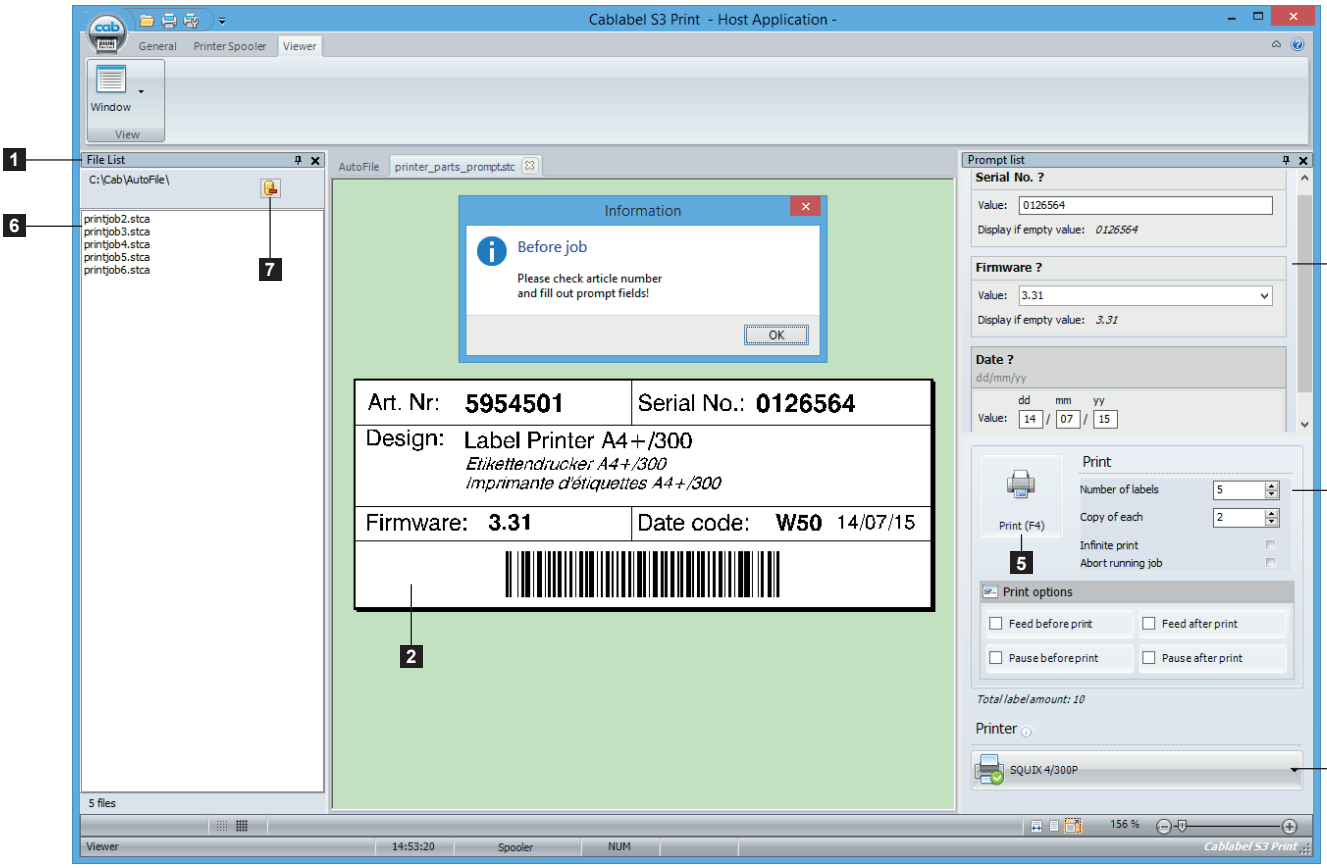


Figure 46 AutoFile mode

"Autofile" files are displayed in the `File list` window (1), and the label as well as the printing settings matching to the first file from list are automatically loaded.

Then, to print just need to :

- ▶ Check data on the label (2).
- ▶ If necessary, fill out the data with the different proposed prompt fields (3).
- ▶ Control or change the printing quantity and default printer (4).
- ▶ Validate with the `Print` button (5).

Once the printing is finished, the processed "Autofile" file is deleted, then the next on the list (6) is automatically loaded.

Notice!

You can delete files from the `File list` by selecting it, and then by clicking on the delete icon (7).

Each new "Autofile" file placed in the specific folder, is automatically added in the `File list`.

5.4 Typical label printing

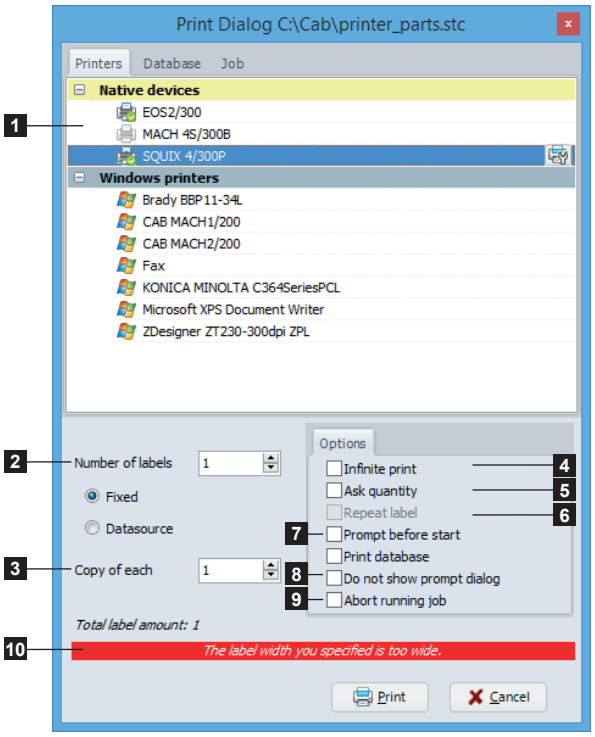


Figure 47 Printers tab

The `Print` button in the general ribbon allows you to print your label.

- ▶ Click on the `Print` button to open the print dialog
- ▶ In `Printers` tab, select the printer where to print the label (1)
- ▶ Either change wished quantities, by indicating a fixed `Number of labels` or from a datasource (2), and if necessary with the `Copy of each` label (3)
- ▶ Or use the option `Infinite print` (4) or else the option `Ask quantity` on the printer (5) with the possibility to `Repeat label` (6) after printing to create a loop
- ▶ It is also possible to use the option `Prompt before start` on printer (7), the option `Do not show prompt dialog` (8) for the prompt field of `Formular` type or else the option `Abort running job` on printer (9)
- ▶ Validate with the `Print` button

Notice!

During printer selection, if `Expert mode` is enabled in the `Global settings`, a warning message is displayed when the label is out of the printing range (10).

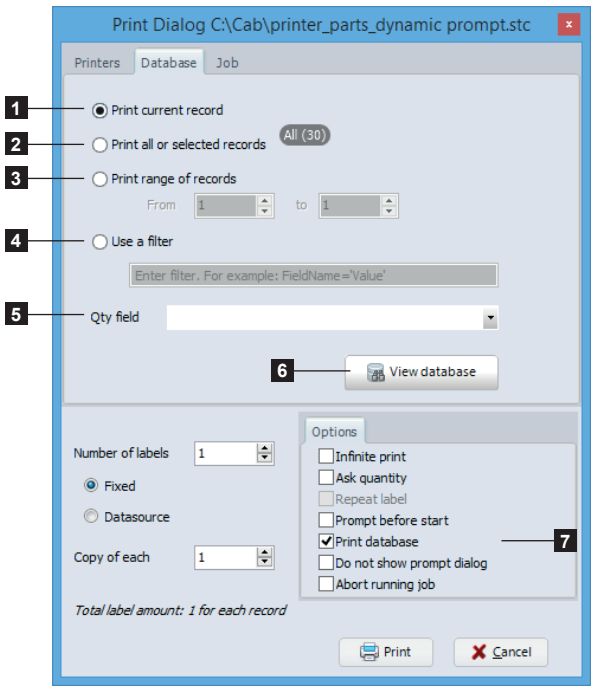


Figure 48 Database tab

In the `Database` tab, it is possible to select the wished records to print.

1. Print only the current record on which you are positioned
2. Print all records from the database or from the custom selection
3. Print records from selected range
4. Create a filter manually.
   For example: FieldName='Value'
5. If specified in the database, define the field with the printing quantities
6. Overview of database with a filter builder wizard, in order to do a custom records selection and set the printing quantities ▷ Figure 45

Attention!

In order to access to the different selections, you need first to define a database connection, then check the box `Print database` (7) in the printing options.

By viewing the database it is possible to filter and select the records to be printed with their quantities.

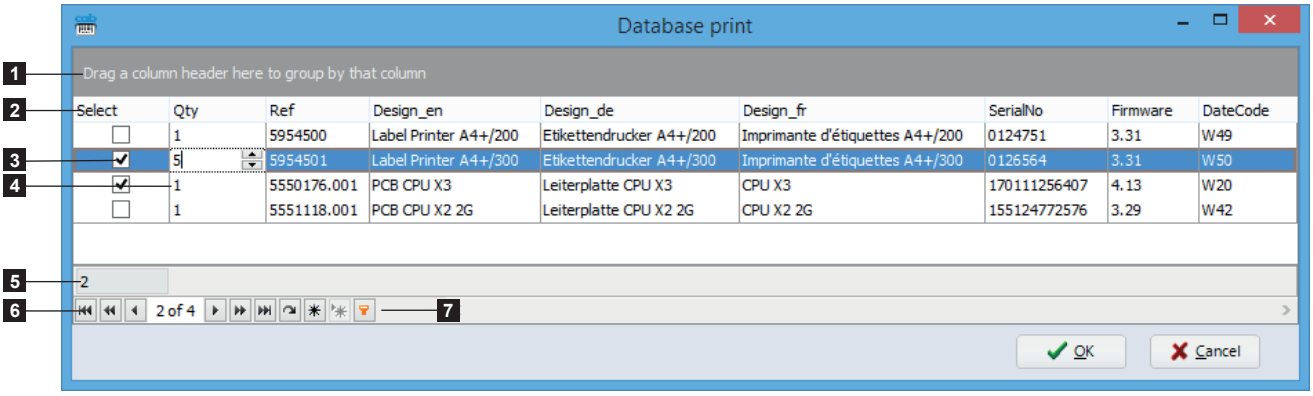
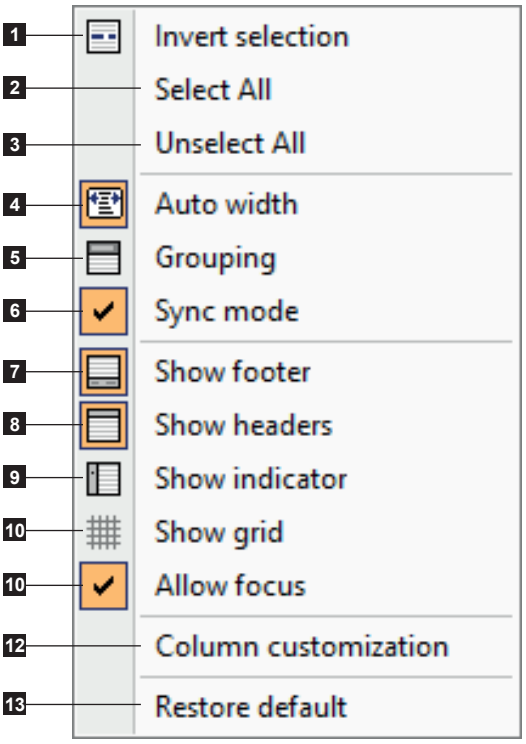


Figure 49 Printing a database

1.	Field grouping by dragging headers in this part
2.	Field names with order and filter possibility
3.	Records selected for printing
4.	Quantity of labels to print for the selected record
5.	Number of records selected for printing
6.	Navigating through records on the database
7.	Custom filter wizard

Some specific options are accessible by a right mouse click in the table:



1. Invert the selected records for printing
2. Select all records for printing
3. Deselect all records for printing
4. Automatically adjust column width
5. Show / hide the panel for grouping by fields
6. Synchronize the label with the selected record
7. Show / hide footer
8. Show / hide headers (field names)
9. Show / hide the positioning indicator
10. Show / hide the grid
11. Allows the focus on columns to enable the incremental search with the keyboard
12. Show / hide column customization
13. Restore default settings

Figure 50 Database viewing and printing options

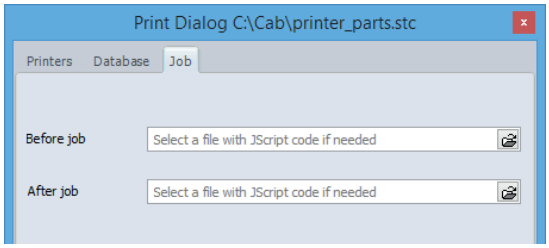


Figure 51 Job tab

The `Job` tab, allow to send files with JScript code, to run on printer before or after printing a label.

5.5 Keyboard shortcuts

Keys	Description	Plugin
Ctrl+A	ASCII dump mode	Spooler
Ctrl+B	Press the acknowledgment button of peripheral	Spooler
Ctrl+C	Reset printer	Spooler
Ctrl+E	Send email to cab support	Global
Ctrl+O	Open file	Global
Ctrl+P	Typical printing	Global
Ctrl+R	Restart printer	Spooler
Ctrl+W	Close current label	Global
Ctrl++	Zoom in	Viewer
Ctrl+-	Zoom out	Viewer
Ctrl+Up arrow	Move job up	Spooler
Ctrl+Down arrow	Move job down	Spooler
Ctrl+Mouse scrolling	Zoom in / zoom out	Viewer
Ctrl+Alt+W	Preview laser	Global laser
Ctrl+Left clic	Select multiple files individually	Viewer (AutoFile)
Shift+Move window	Window docking	Global
Del	Delete selected job	Spooler
Space	Pause / resume printer	Spooler
F2	Rename device	Global
F4	Start directly printing of current label	Viewer
F5	Configure printer	Spooler
F6	Test print	Spooler
F8	Form feed	Spooler
F10	Devices list	Global

Table 2 Keyboard shortcuts

Plugins are additional modules of the basic cablabel S3 software. These modules add functions and possibilities to the basic software.

The provided plugins are depending on the cablabel S3 version.

To view or edit the list of plugins, just click on the `About` button in the toolbar of the `General` tab
▷ 3.1 Main Interface

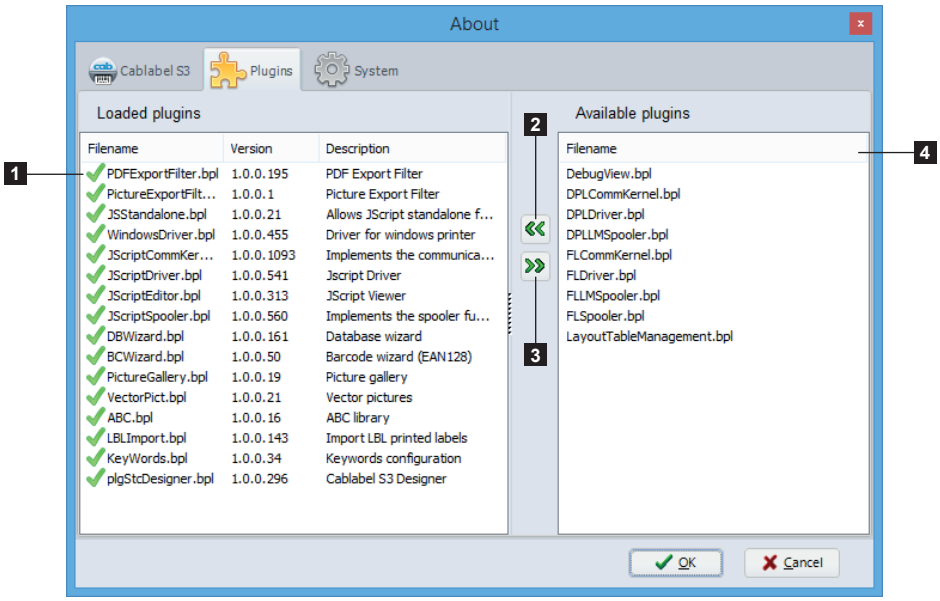


Figure 52 Plugins

To add a plugin:

- ▶ Select the plugin in the `Available plugins` list (4)
- ▶ Click on the add button (2), the plugin will be added to the `Loaded plugins` list (1)
- ▶ Restart cablabel S3 so that the plugin is loaded correctly

To remove a plugin:

- ▶ Select the plugin in the `Loaded plugins` list (1)
- ▶ Click on the remove button (3), the plugin will be added to the `Available plugins` (4)
- ▶ Restart cablabel S3 so that the plugin is unloaded correctly

Notice!
An icon is displayed just before the plugin name to indicate its status.

The plugin is correctly loaded

The plugin has been removed but the program has not been restarted

The plugin has been added but the program has not been restarted

The plugin could not be loaded because:

- ▶ a new activation is required
- ▶ it doesn't match the version of the program
- ▶ an error occurred while loading

6.1 Printer spooler

The printer spooler is a useful element for users who daily manage multiple print jobs: it is his printing progress dashboard.

Printer states are displayed in the spooler, which allows to monitor devices from the printing computer. If a printer is unavailable, jobs are automatically queued.

Attention!
Jobs are lost when the program is closed.

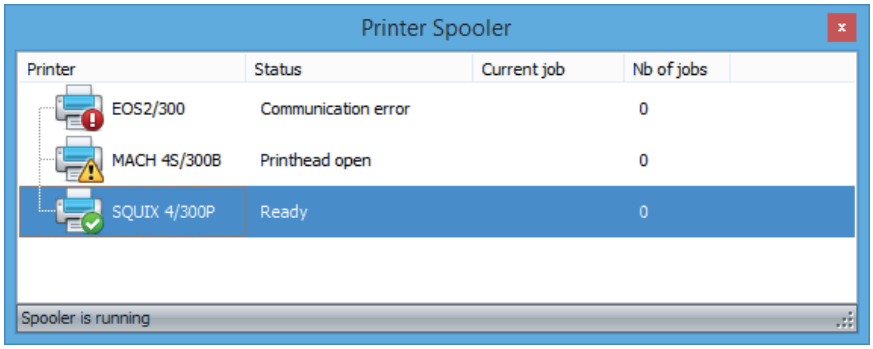


Figure 53 Printer spooler

6.1.1 Managing print jobs and printer functions

The spooler manages all print jobs, let change their priorities, delete jobs or do some special commands on the printer like reset or start a job in ASCII dump mode.

Some specific options are accessible by a right mouse click on a device or on a print job:

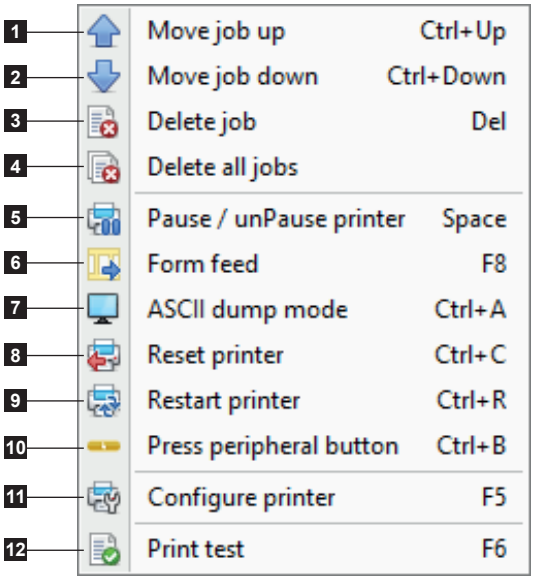


Figure 54 Printer spooler options

Print jobs functions

1. Move selected job up
2. Move selected job down
3. Delete selected job only
4. Delete all jobs

Printer functions

5. Suspend / resume the printer
6. Make a form feed on printer
7. Start ASCII dump mode
8. Reset the printer
9. Restart the printer
10. Press the acknowledgment button of `Print on demand` mode (only starting from X4 CPU)
11. Configure the printer
12. Start a print test

Advanced status or the display of the printer, can be shown with a double click on a printer in the spooler.

6.1.2 Printer status

In this tab you will find all information about the printer, like its firmware version, print status...

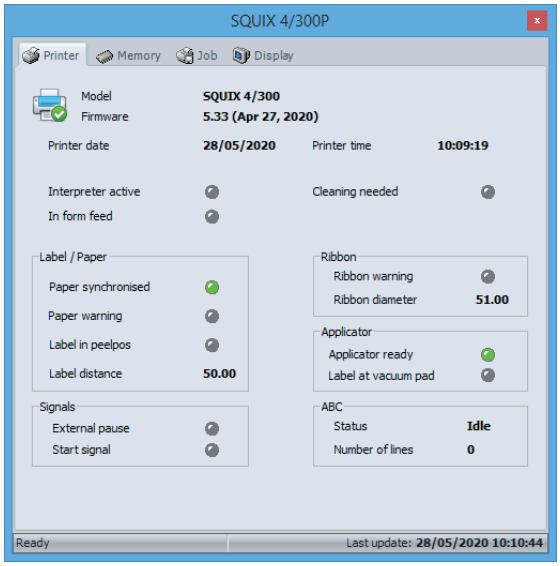


Figure 55 Advanced printer status

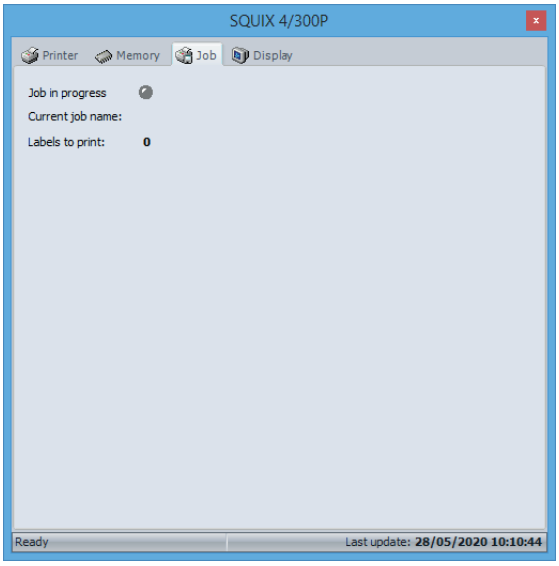


Figure 56 Printing jobs

6.1.3 Printer display

The `Display` tab shows the printer's display in real time.

Depending on the printer model, it is also possible to directly control the printer by clicking on its display commands.

Figure 57 Printer display

Notice!

- ▶ The printer's display can only be shown when the Ethernet port is used!
- ▶ Display and interaction with the printer's display is also depending on printer model.
  Not all printers support these functions!

7.1 Installation parameters

When installing the software, it is possible to specify some parameters on the command line to automate the installation.

▶ Example for a silent installation:

cablabelS3_Print_Setup.exe /VERYSILENT /SUPPRESSMSGBOXES /DELINI=N /NORESTART

▶ Available parameters list:

/DELINI=Y, /DELINI=YES

Instructs Setup to delete the settings (ini file) without asking user.

/DELINI=N, /DELINI=NO

Instructs Setup to keep the settings (ini file) without asking user.

/SILENT, /VERYSILENT

Instructs Setup to be silent or very silent. When Setup is silent the wizard and the background window are not displayed but the installation progress window is. When a setup is very silent this installation progress window is not displayed. Everything else is normal so for example error messages during installation are displayed and the startup prompt is.

If a restart is necessary and the "/NORESTART" command isn't used (see below) and Setup is silent, it will display a Reboot now? message box. If it's very silent it will reboot without asking.

/SUPPRESSMSGBOXES

Instructs Setup to suppress message boxes. Only has an effect when combined with "/SILENT" and "/VERYSILENT".

The default response in situations where there's a choice:

- Yes in a "Keep newer file?" situation.
- No in a "File exists, confirm overwrite." situation.
- Abort in Abort / Retry situations.
- Cancel in Retry / Cancel situations.
- Yes (=continue) in a DiskSpaceWarning / DirExists / DirDoesntExist / NoUninstallWarning / ExitSetupMessage / ConfirmUninstall situation.
- Yes (=restart) in a FinishedRestartMessage / UninstalledAndNeedsRestart situation.

5 message boxes are not suppressible:

- The About Setup message box.
- The Exit Setup? message box.
- The FileNotInDir2 message box displayed when Setup requires a new disk to be inserted and the disk was not found.
- Any (error) message box displayed before Setup (or Uninstall) could read the command line parameters.
- Any message box displayed by [Code] support function MsgBox.

/NOCANCEL

Prevents the user from cancelling during the installation process, by disabling the Cancel button and ignoring clicks on the close button. Useful along with "/SILENT" or "/VERYSILENT".

/NORESTART

Prevents Setup from restarting the system following a successful installation, or after a Preparing to Install failure that requests a restart. Typically used along with /SILENT or /VERYSILENT.

/CLOSEAPPLICATIONS

Instructs Setup to close applications using files that need to be updated by Setup if possible.

/NOCLOSEAPPLICATIONS

Prevents Setup from closing applications using files that need to be updated by Setup. If /CLOSEAPPLICATIONS was also used, this command line parameter is ignored.

/RESTARTAPPLICATIONS

Instructs Setup to restart applications if possible. If Setup didn't close these applications (for example because /NOCLOSEAPPLICATIONS was used), this command line parameter is ignored.

/NORESTARTAPPLICATIONS

Prevents Setup from restarting applications. If /RESTARTAPPLICATIONS was also used, this command line parameter is ignored.

/LOADINF="filename"

Instructs Setup to load the settings from the specified file after having checked the command line. This file can be prepared using the "/SAVEINF=" command as explained below.

Don't forget to use quotes if the filename contains spaces.

/SAVEINF="filename"

Instructs Setup to save installation settings to the specified file.

Don't forget to use quotes if the filename contains spaces.

/LANG=language

Specifies the language to use. language specifies the internal name of the language as specified in a [Languages] section entry.

When a valid /LANG parameter is used, the Select Language dialog will be suppressed.

/DIR="x:\dirname"

Overrides the default directory name displayed on the Select Destination Location wizard page. A fully qualified pathname must be specified. May include an "expand:" prefix which instructs Setup to expand any constants in the name. For example: "/DIR=expand:{pf}\My Program".

/GROUP="folder name"

Overrides the default folder name displayed on the Select Start Menu Folder wizard page. May include an "expand:" prefix, see "/DIR=". If the [Setup] section directive DisableProgramGroupPage was set to yes, this command line parameter is ignored.

/NOICONS

Instructs Setup to initially check the Don't create a Start Menu folder check box on the Select Start Menu Folder wizard page.

/SERIAL=XXXXX-XXXXX-XXXXX-XXXXX

Instructs Setup to use the specified product key XXXXX-XXXXX-XXXXX-XXXXX.

7.2 Start parameters

When starting the software, it is possible to specify some parameters on the command line to automate the starting.

▶ Example to open automatically a label:

stc.exe /OPEN "C:\Users\Public\Documents\cab\stc\Samples\label_printer.stc"

▶ Available parameters list:

/USER
Start the software as a normal user and hide device configuration.

/NOCONFIGSAVING
Avoid saving of actual software configuration (plugins, windows positions, etc).
Used together with /USER allow to lock software settings.

/OPEN "label name"
Open automatically the specified label.
Don't forget to use quotes if the filename contains spaces.

/PRINT "label name"
Open the specified label and show `Print dialog`.
Don't forget to use quotes if the filename contains spaces.

/PLUGINS "configuration filename"
Define the plugins to use, according to the XML configuration file.
Allow for example to create different shortcuts with specific software configurations.
Don't forget to use quotes if the filename contains spaces.

Notice !
In order to create a personalized plugins configuration file:

▶ Start cablabel S3 normally

▶ Add or remove wished plugins in the corresponding window of the `About` menu in the `General` tab.
When the software is closed, these settings will be saved in the `stc_Plugins.xml` file in the folder C:\Users\"*username*"\AppData\Roaming\cab\stc

▶ Copy this file, rename or modify it, for loading it with the parameter /PLUGINS