



iView App (v1.1)

Command and Control Application for XL-Series printers



USER MANUAL

Important Notes

Operating instructions

Description
iView App (V1.1)

Version
M01401111EN0913

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1 Introduction

This manual is subdivided into five major parts.

In the first part, titled “First use,” you will learn how to make some initial adjustments, i.e. how to select your preferred language, how to set the current date and time, and how to configure the printer for a connection to a PC.

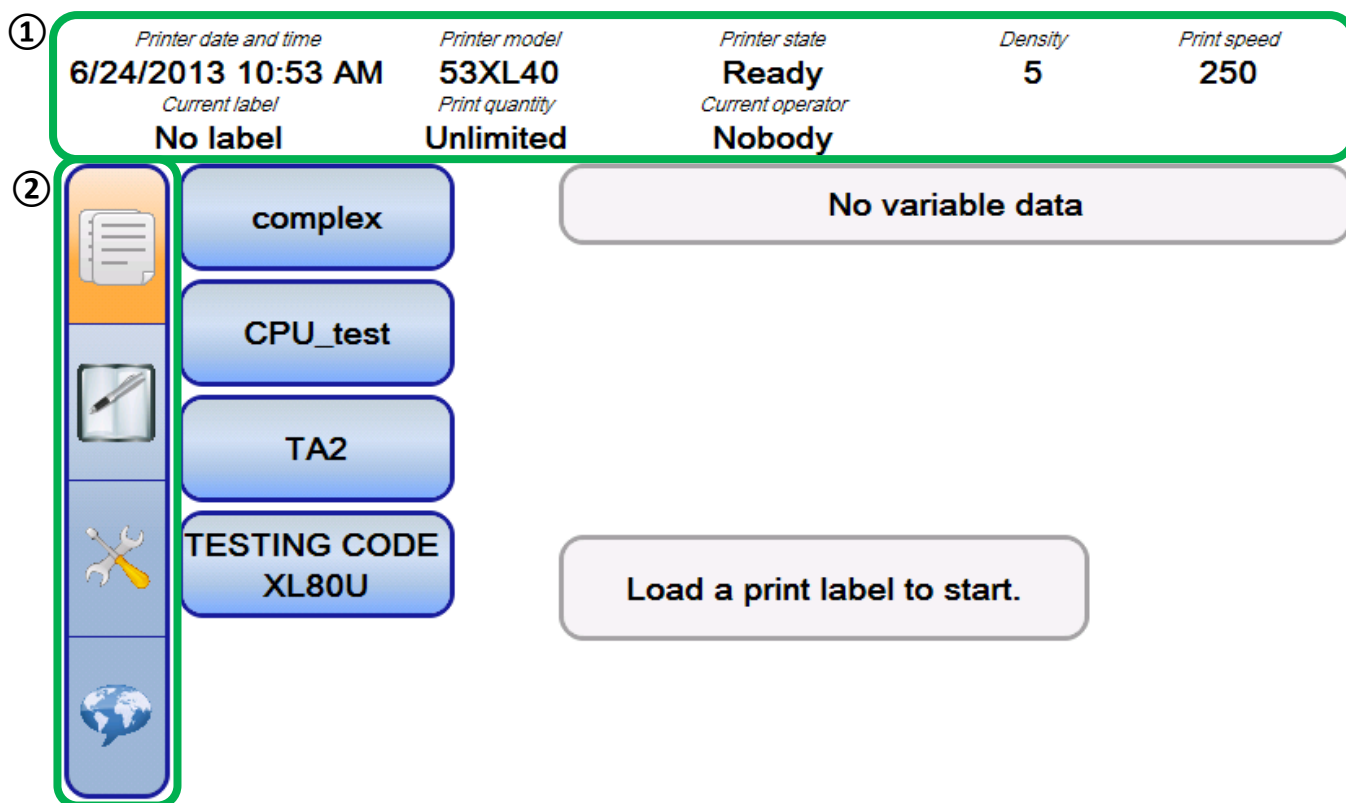
In the second part, titled “Printer operation,” you will learn how to use the handheld to work with the printer.

In the fourth part, titled “User management” you will learn how configure the access control features of the handheld. There you can also find information on how to disable parts of the access control on the Handheld if you wish to do so.

The fifth part titled “XL series service” covers maintenance and service tasks the Handheld can perform on the printer.

The final part, titled “Miscellaneous topics,” covers additional topics.

1.1 Main Screen overview



Application Screen 1- Overview

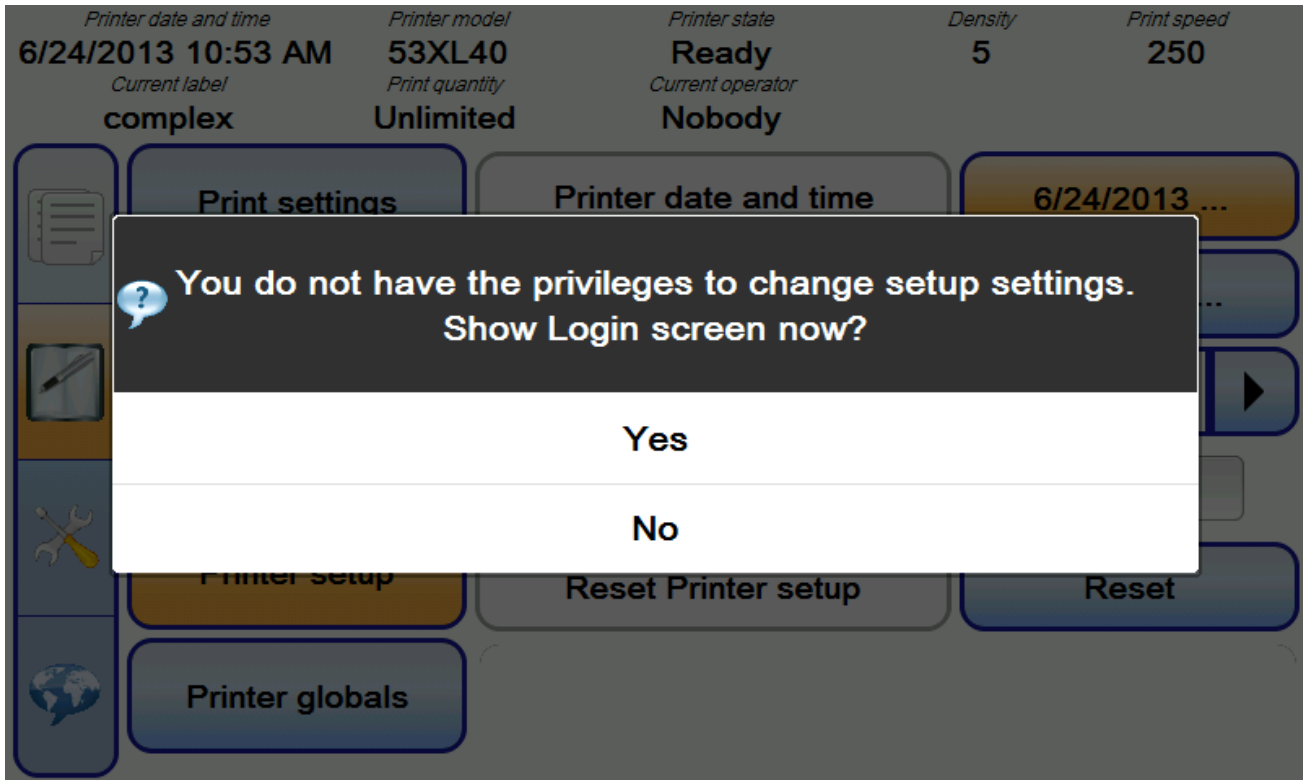
At the top of the screen ① is the status area. Here, current information about the printer is always available at a glance. This area is not interactive.

To the left ② is the navigation bar. The navigation bar can be used at any time to switch between different screens. It is always visible unless the program requires input to proceed with a task you want to perform.

The remaining area of the screen is the workspace. Its contents changes depending on what screen is currently displayed.

1.2 Password protection

Some settings are protected by a password. If you want to change such a setting without having appropriate rights you will see the following screen:



Application Screen 2 - Permission Required

To change the setting you have to press “Yes” to access the Login screen, shown on the next page.



NOTE

This dialog box does only appear if you are not currently signed on with a user that has the permissions to change setup settings. If you have already signed in with a user who has the required privilege, no further interaction is required.

Additionally, you can configure the Handheld to not require authentication for any given set of tasks. Refer to the relevant chapter for instructions on how to configure user management.

1.3 The on-screen keyboard

The on-screen keyboard works just like a regular computer keyboard with two exceptions:

- A numeric and special characters input mode is provided and can be switched on and off by pressing the [12?] or [aBc] buttons in the top left corner.
- Due to space limitations, most languages do not include supershift characters as extra keys. In order to enter German umlauts, French accents and diacritics, etc. the base key for the character must be held down for 1 second until the alternative characters popup appears. The actual letter can then be selected by swiping the finger left or right.

An example: an Operator wants to enter the phrase: „Ça y est. L'Haÿ-les-Roses!“, with the application configured for the French language.

First, the operator presses the shift key to start the sentence with a capital letter.

Then, the operator presses and holds down the [C] key until the selection of extended characters appears.

Still holding down the key, the operator then swipes left or right to select the proper character, [Ç]

Finally, the operator releases the key. The capital letter „Ç“ is typed.

Typing proceeds with the visible keys until the „'“ is reached.

The operator may now choose to switch to numeric/special character input mode and press the ['] button visible in this mode, before switching back to alphabet mode.

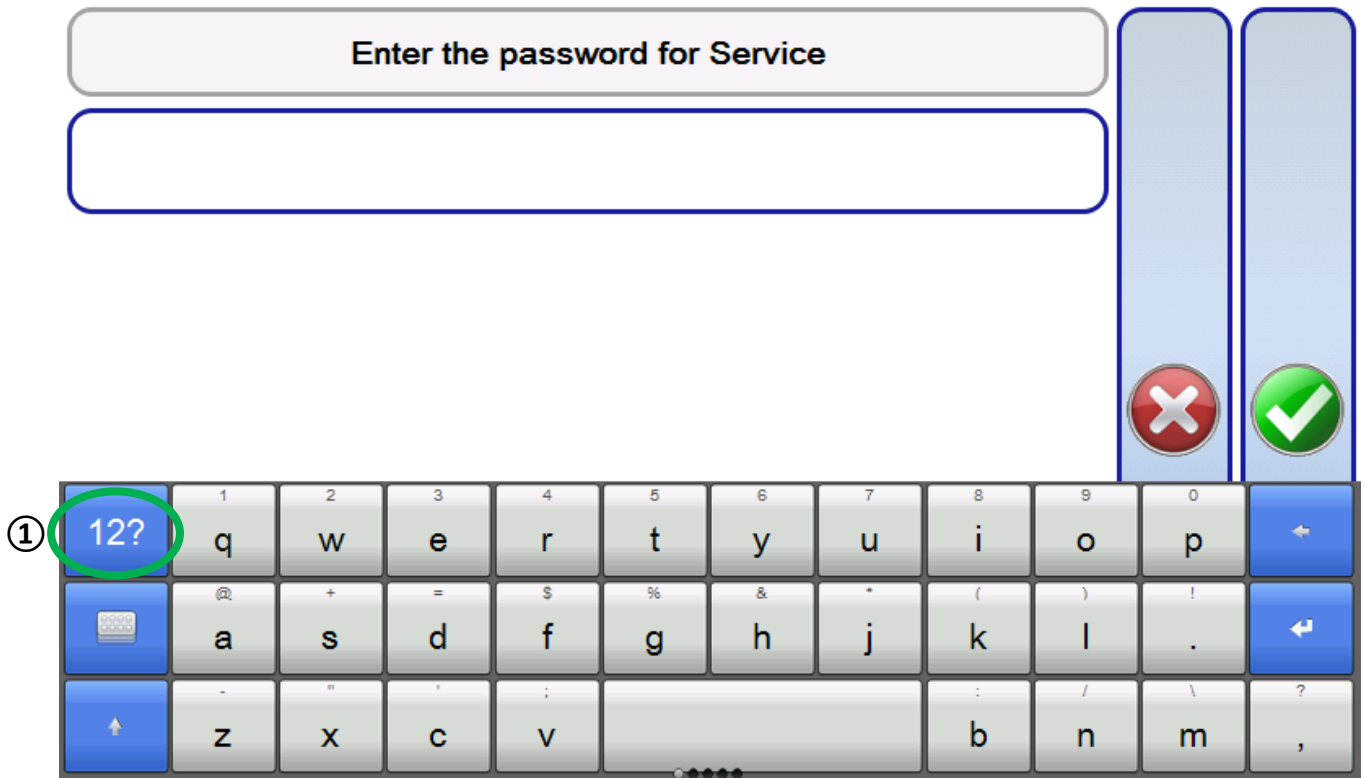
The operator may also hold down the [c] key, which includes the „'“ in the supershift list, and type the character by swiping to it before releasing the key.

Equally straightforward, the letter „ÿ“ is then typed by holding down the [y] key and selecting the proper character from the list by swiping to it before releasing the key.



Application Screen 3 - Login dialog


Press the "Service access" Button ① to enter the Service Password.




Application Screen 4 - Entering the service password

Press the “12?” Button ① to switch the keyboard to numeric mode.

Enter the password for Service

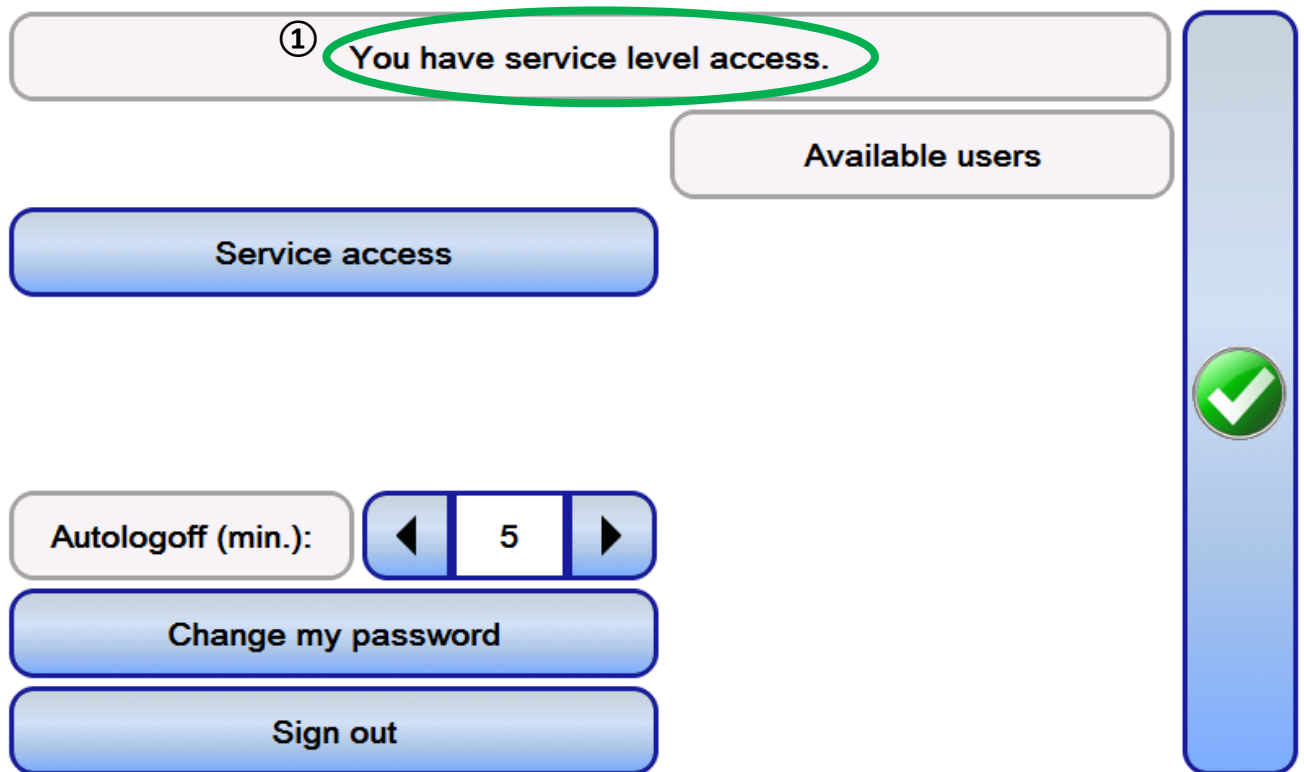




aBc	1	2	3	4	5	6	7	8	9	0	↵		
.	,	:	;	?	!	"	'	&	@	%	1/2		
+	-	*	/	=	<	>	()	\$	€	£	¥	¢

Application Screen 5 - Entering the service password (contd.)

The service password is provided as a supplement to this manual.



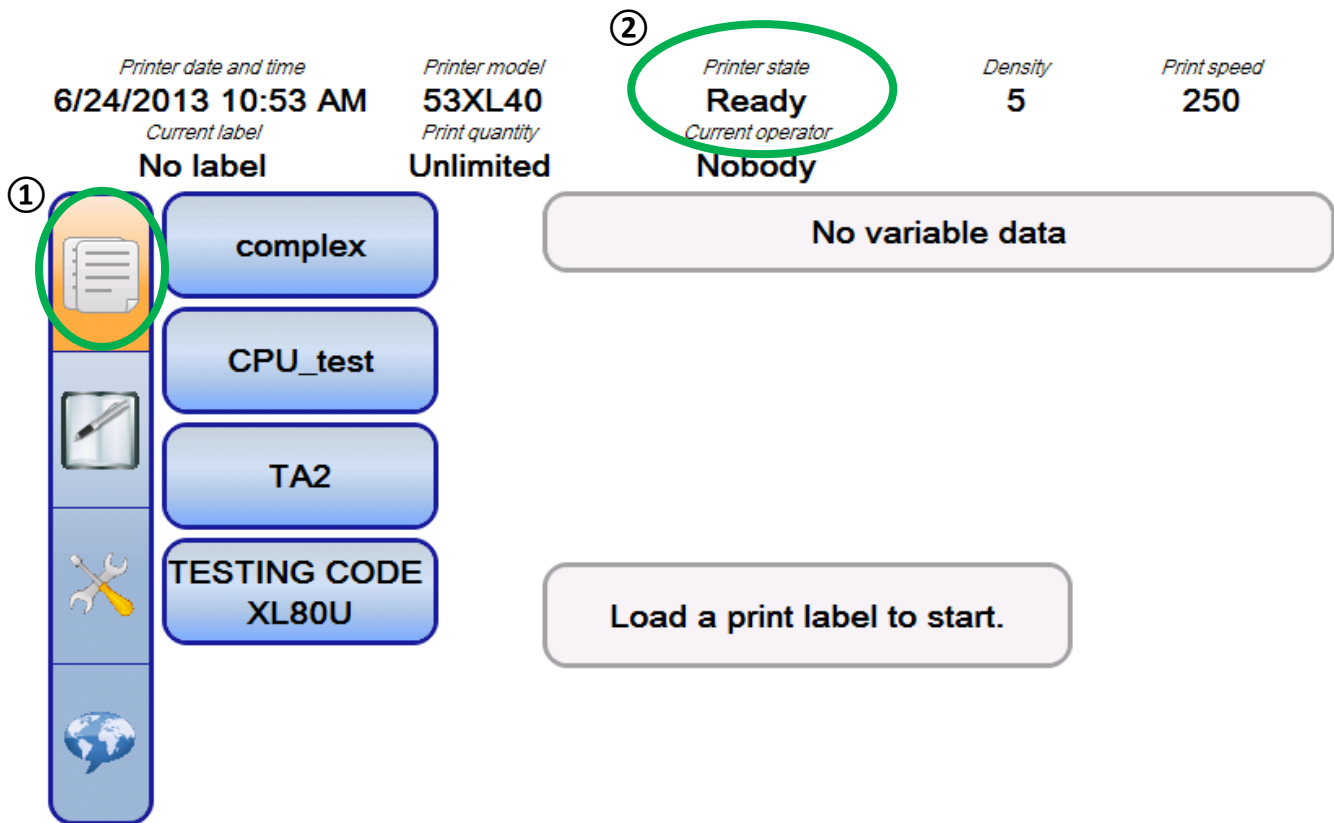
Application Screen 6 - Login dialog with service access

The application indicates that you now have service level access. Close the dialog.

2 First use

Before you start working with the Handheld, it is highly recommended that you perform all the steps in this chapter.

2.1 Verify that the system is operational

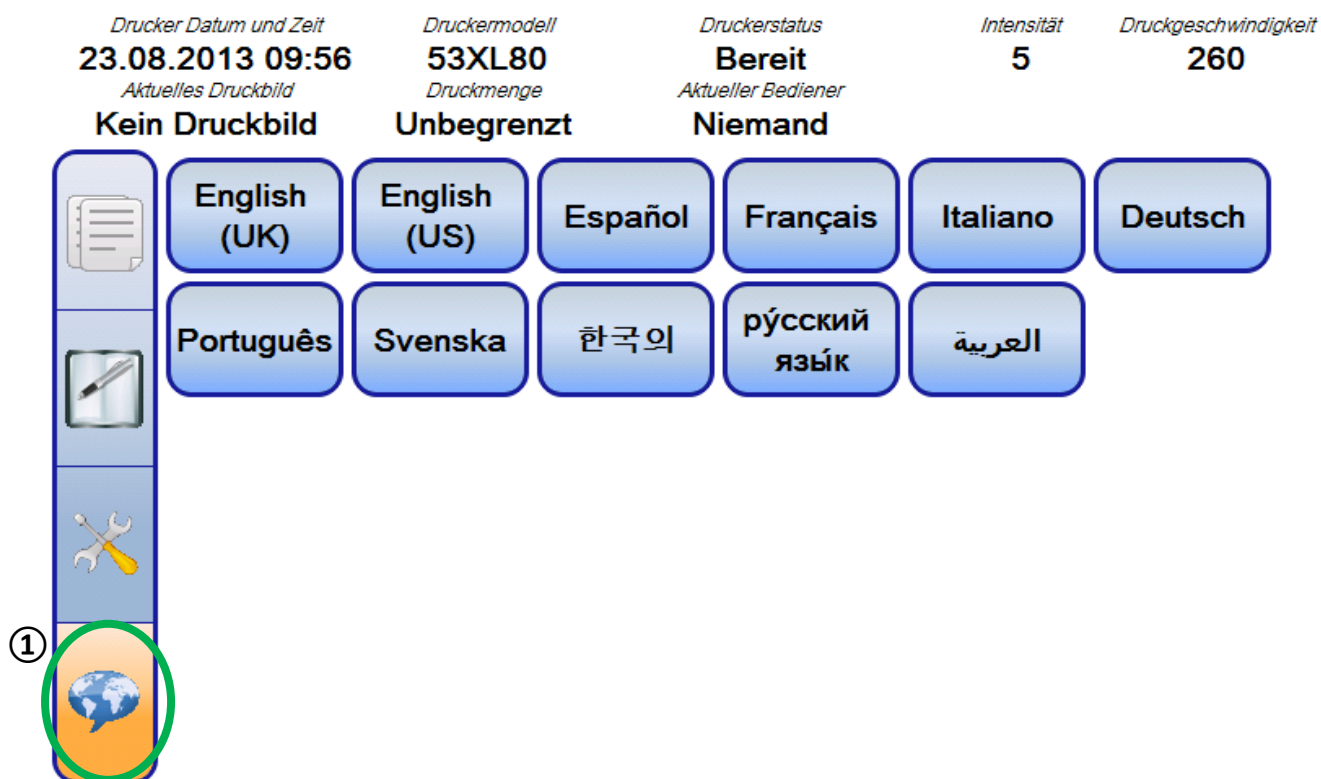


Application Screen 7 - First start

The application displays the format selection screen ①.

Verify that the printer is operating correctly. The printer should be „Ready“ ②

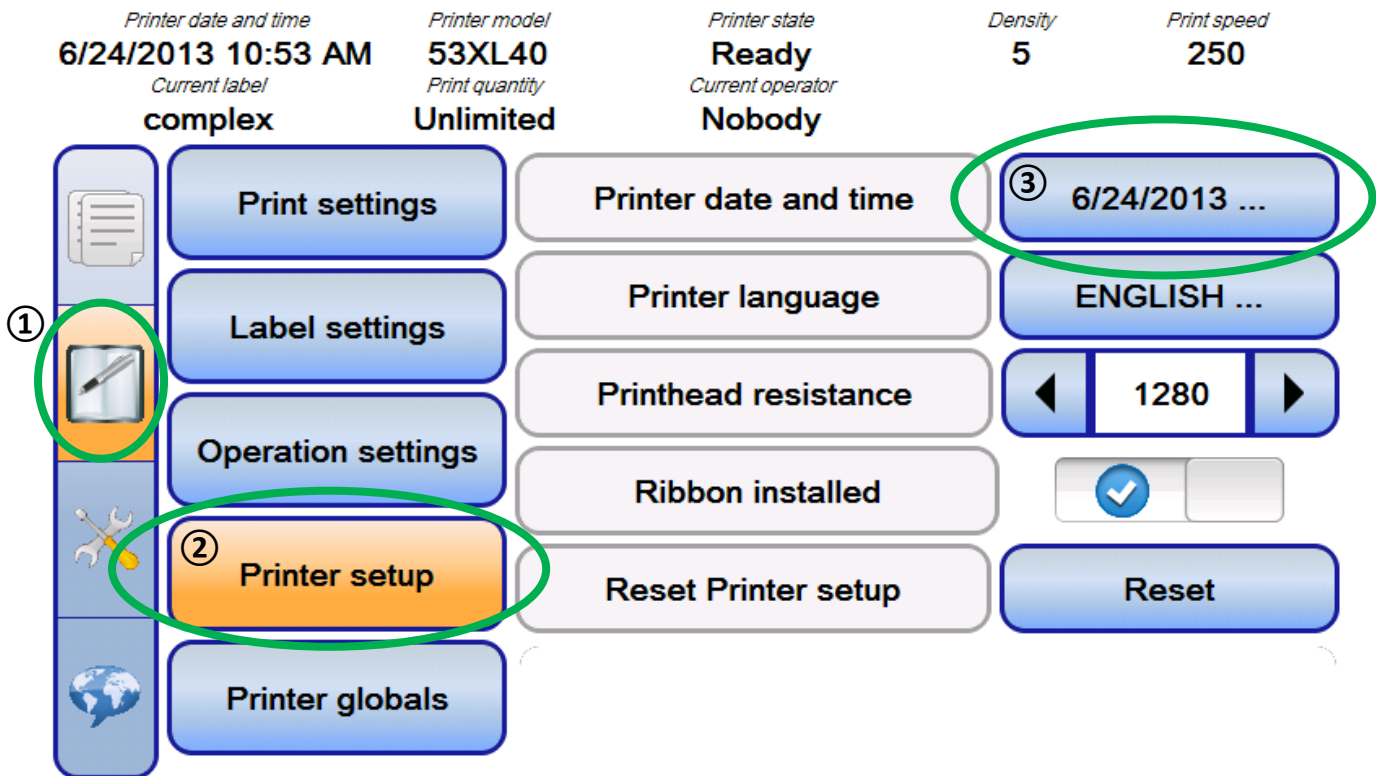
2.1.1 Selecting your language



Application Screen 8 - Language selection

Press the language button ① then press the button for your preferred language.
Your language settings will be changed and saved.

2.1.2 Verify printer date and time



Application Screen 9 - Printer setup

Press the printer settings button ① then press the “Printer setup” button ②.

Press the “Printer date and time” button ③ and adjust the printer date and time if necessary.



NOTE

The printer date and time can only be changed when the printer is not in the “Printing” state, i.e. the printer must be in the “Ready” state to change this setting.

Printer date and time

Year

◀

2013

▶

Month

◀

6

▶

Hour

◀

10

▶

Minute

◀

53

▶

Monday, June 24, 2013 10:53 AM

M	T	W	T	F	S	S
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7

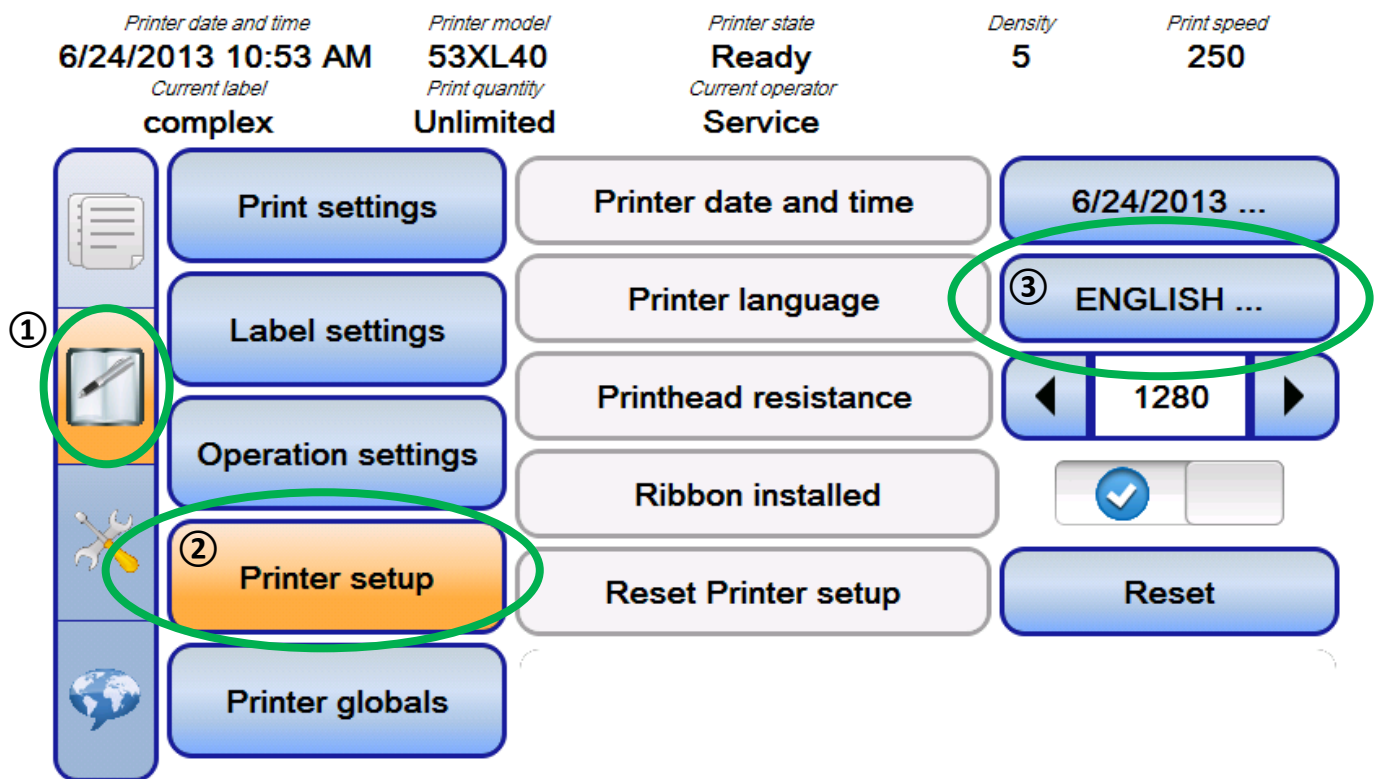
✕

✓

Application Screen 10 - Setting the printer date and time

Select the correct values for the printer date and time and close the dialog.

2.1.3 Select the printer language



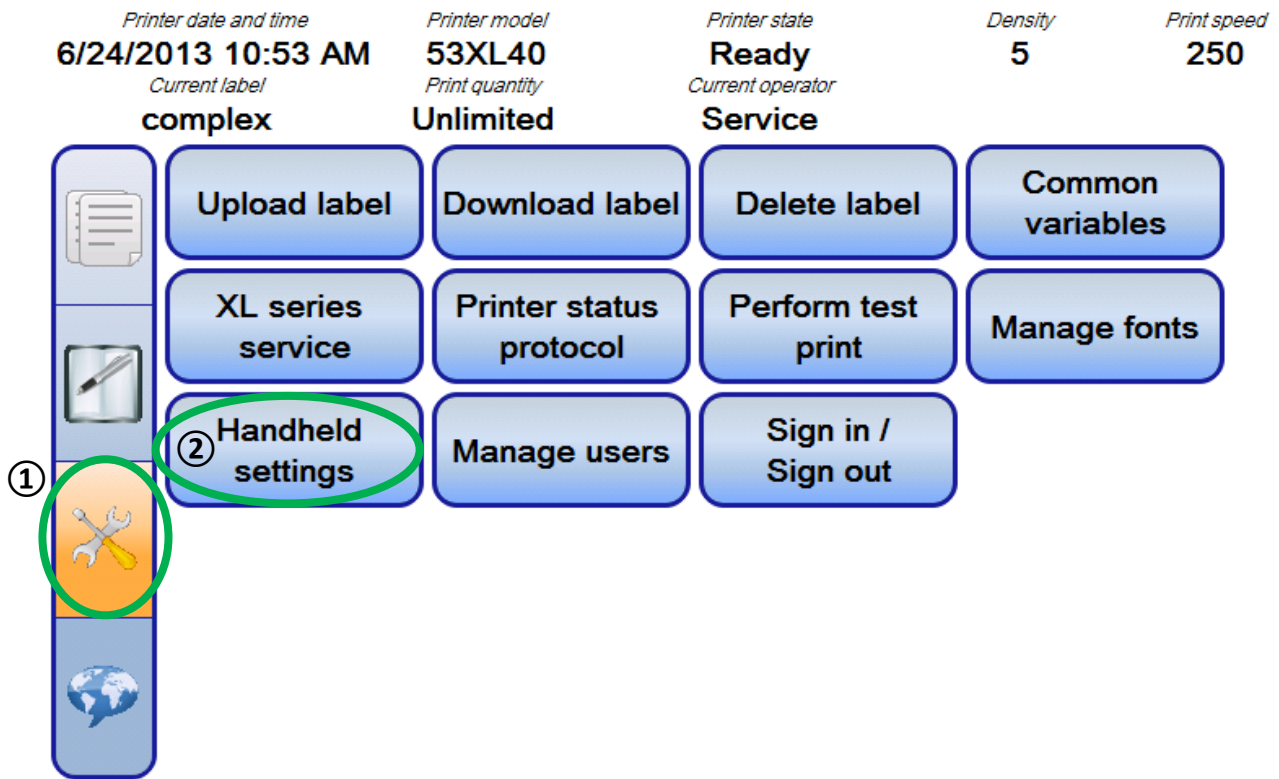
Application Screen 11 - Printer language

The printer language is configured independently.

When the printer formats dates and times, it uses the setting configured here.

Press the “Printer language” button ③ and select the language you want to use for label printing.

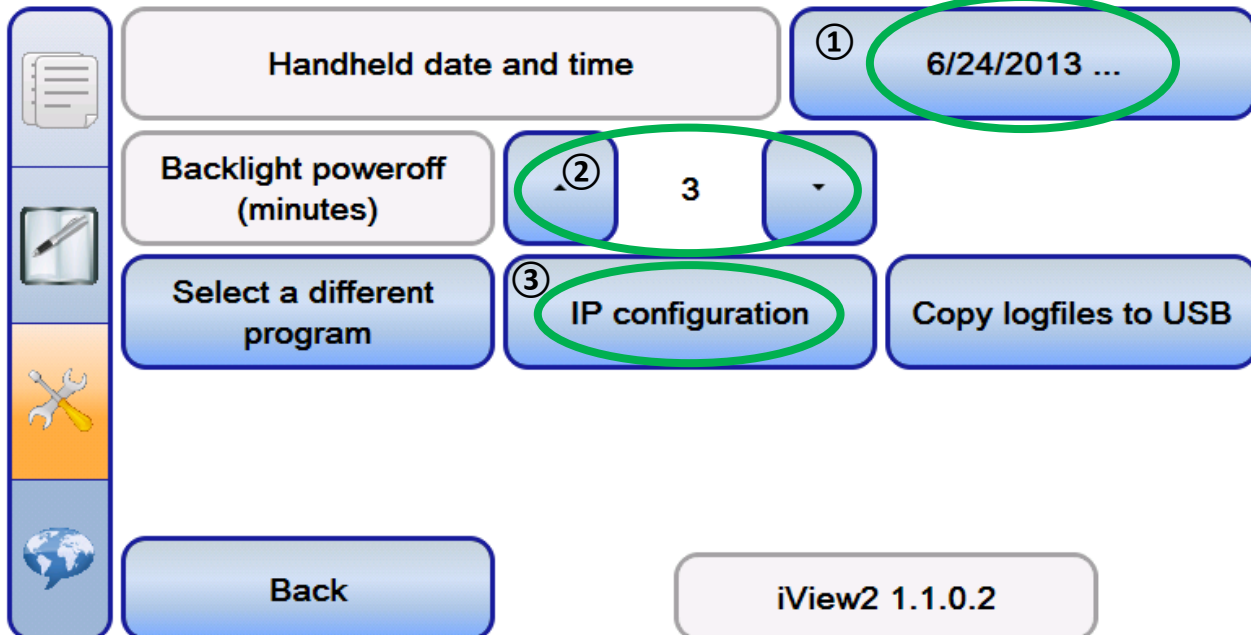
2.1.4 Configure handheld settings



Application Screen 12 - Service tasks

Press the service tasks button ① then press the „Handheld settings“ button ②.

<i>Printer date and time</i> 6/24/2013 10:53 AM <i>Current label</i> complex	<i>Printer model</i> 53XL40 <i>Print quantity</i> Unlimited	<i>Printer state</i> Ready <i>Current operator</i> Service	<i>Density</i> 5	<i>Print speed</i> 250
---	--	---	----------------------------	----------------------------------



The screen displays a vertical menu on the left with icons for document, pen, tools, and globe. The main area contains several buttons: 'Handheld date and time' (callout 1), 'Backlight poweroff (minutes)' with a numeric keypad showing '3' (callout 2), 'Select a different program', 'IP configuration' (callout 3), 'Copy logfiles to USB', and 'Back'. A status bar at the bottom right shows 'iView2 1.1.0.2'.

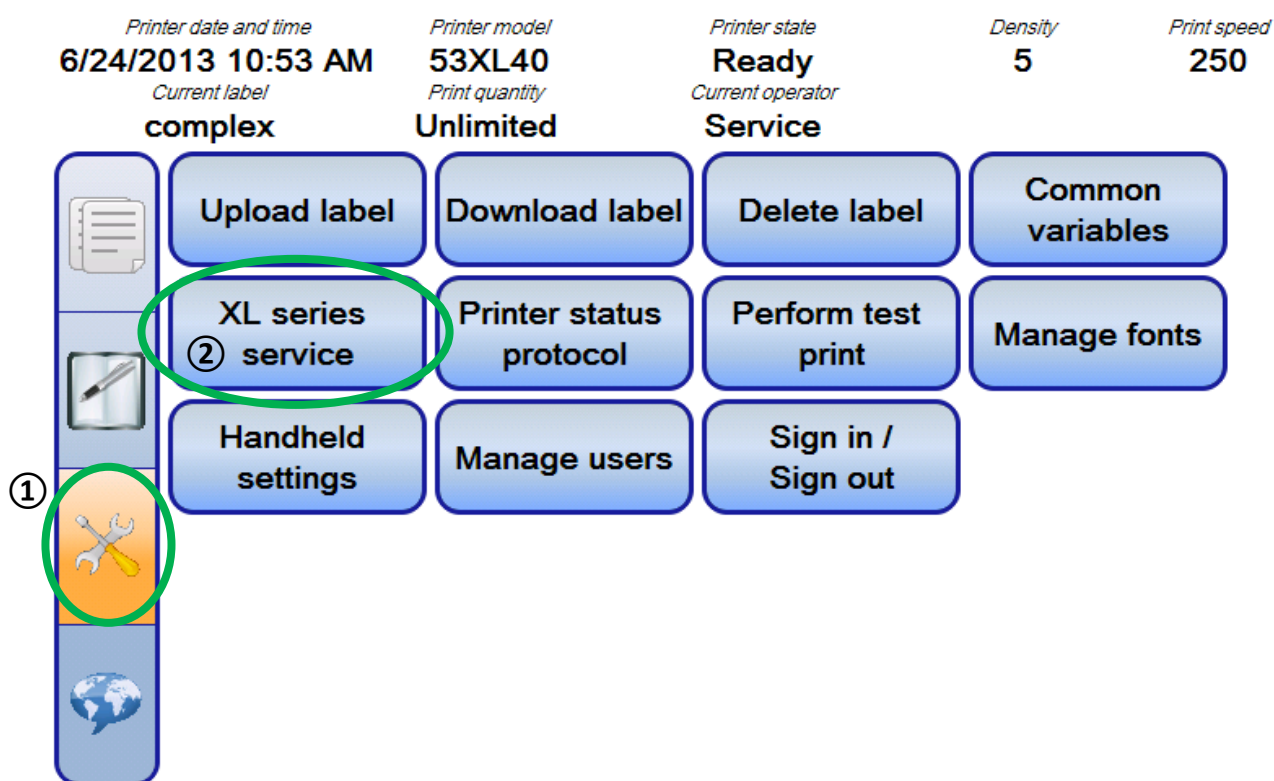
Application Screen 13 - Handheld settings

Press the "Handheld date and time" button ③ and adjust the Handheld's date and time if necessary.

Adjust the desired timeout after which the Handheld will automatically turn off the Display ②. The Display will always be on while the Printer is in an error state.

(optional) If your Handheld is connected to a network, you can configure the IP settings ③.

2.1.5 (optional) Configure the printer communication settings







Application Screen 14 - Service tasks

Press the service tasks button ①.

Press the „XL series service“ button ②.

Now refer to the next page.

<i>Printer date and time</i> 6/24/2013 10:53 AM <i>Current label</i> complex	<i>Printer model</i> 53XL40 <i>Print quantity</i> Unlimited	<i>Printer state</i> Ready <i>Current operator</i> Service	<i>Density</i> 5	<i>Print speed</i> 250
---	--	---	----------------------------	----------------------------------

   	Change model	Firmware update	Quick format
	Factory defaults	① Communication settings	Motor test
	Printer information	Change printer MAC	Cylinder test
	Back		

Application Screen 15 - XL series service

Press the „Communication settings“ button ①.

Printer <=> PC communication settings

① USB

② Serial

③ Ethernet

115200

▼

Cancel

Confirm

Application Screen 16 - Printer communication settings

The printer can be configured for communication with a PC running JDS7 or another program that supports the XL series over a USB connection ①, Serial connection ②, or Ethernet connection ③.

No further configuration is required for a USB connection.

For a serial connection, the Baud rate can be configured.

For an Ethernet connection, the IP settings of the printer can be configured. The Gateway field can remain empty.

3 Printer Operation

3.1 Print label management

Print labels can be transferred to the printer from a PC if the printer is connected to a PC by USB, Serial or an Ethernet link. See section 2.1.5 to learn how to configure your printer for a connection with a PC.

If the printer is connected with a PC, changes to print labels made from the PC will appear on the Handheld.

If the printer is not connected with a PC, print labels can be managed using a USB pen drive using the Handheld.

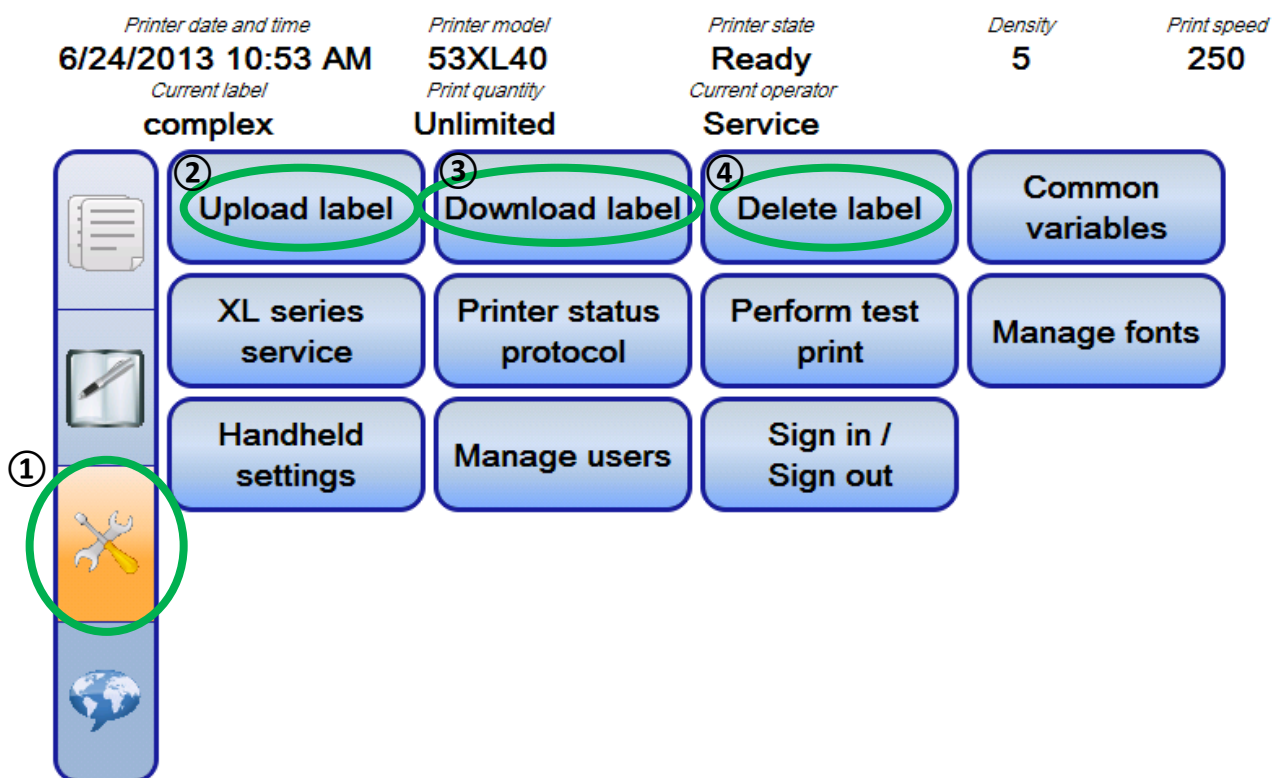
Both methods can be combined.



NOTE

Print labels can be stored on a USB pen drive formatted as "FAT", "FAT32", or "exFAT".
USB pen drives formatted as "NTFS" or other formats cannot be used.
All print labels are stored in a folder named "IMPPRX" on the USB pen drive.

3.1.1 Using the Handheld to manage print labels on the printer



Application Screen 17 - Service tasks

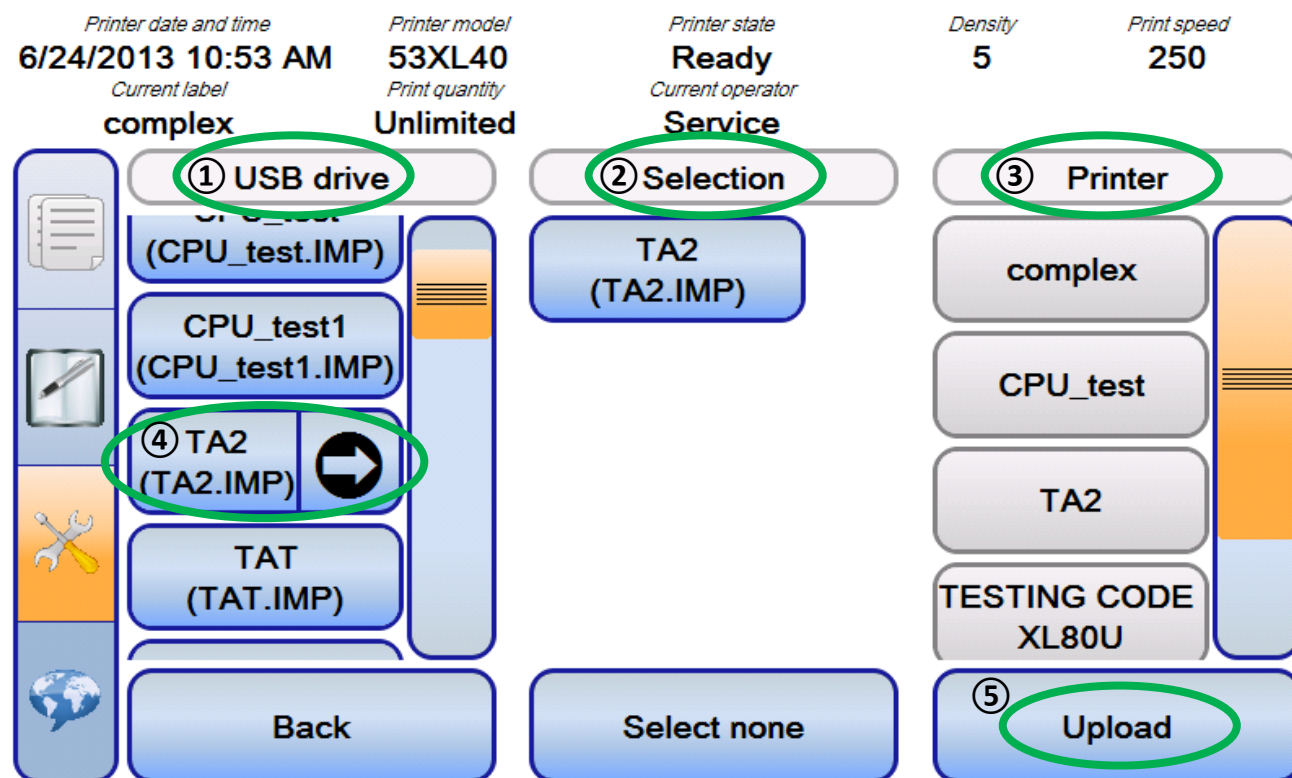
Press the service tasks button ①.

To store a print label on the printer from the USB drive, press the „Upload label“ button ②.

To save a print label from the printer to the USB drive, press the „Download label“ button ③.

To delete a format from the printer, press the „Delete label“ button ④.

In the following Image you will learn how to store a print label on the printer.
Saving and deleting a print label works similarly.



Application Screen 18 - Storing a print label on the printer from USB

The left column ① shows all labels stored in the USB pen drive's IMPPRX folder.

The middle column ② shows the labels currently selected.

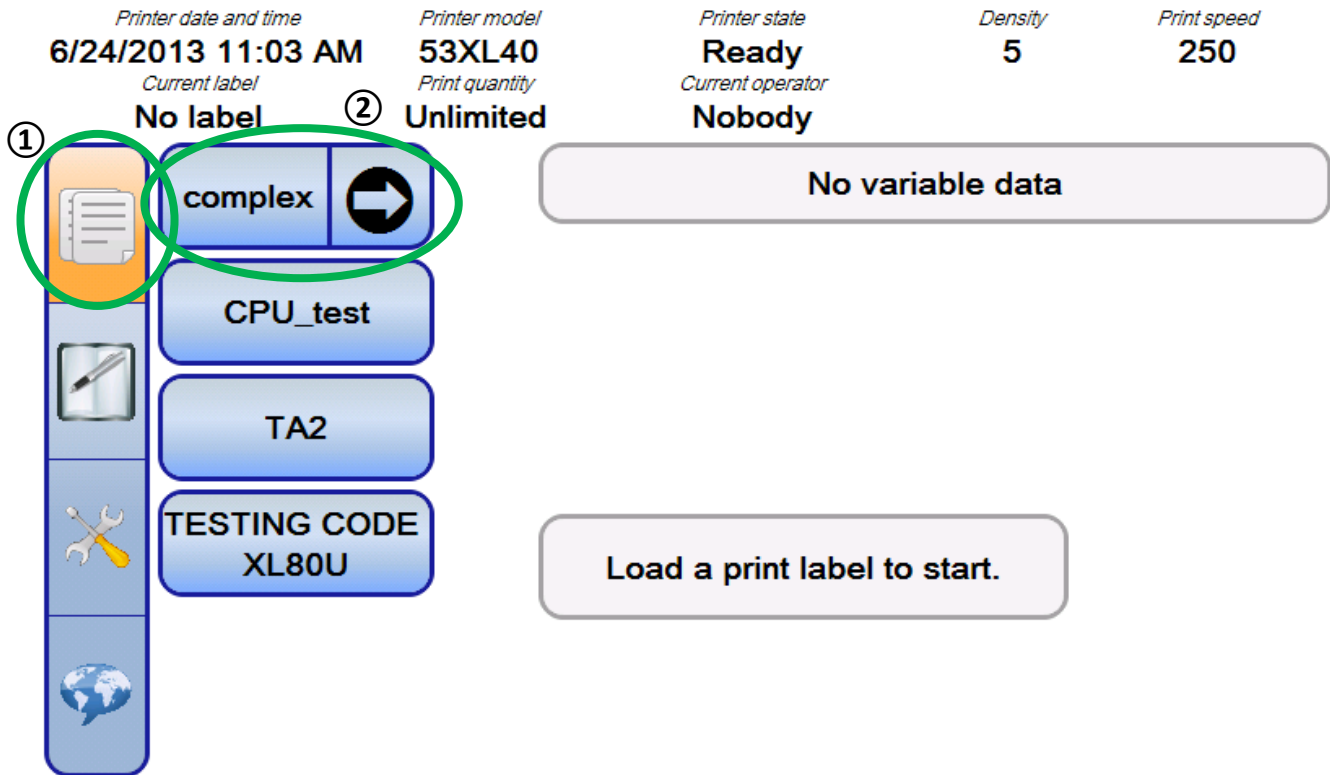
The right column ③ shows the labels that are currently stored on the printer.

To add a label to the selection, tap the label button ④, then press the arrow button. The label is then added to the selection ②.

Verify your selection and press the „Upload“ button ⑤. The label is stored on the printer, and the right column ③ now contains the label. The selection ② is cleared.

3.2 Printing

3.2.1 Selecting a print label



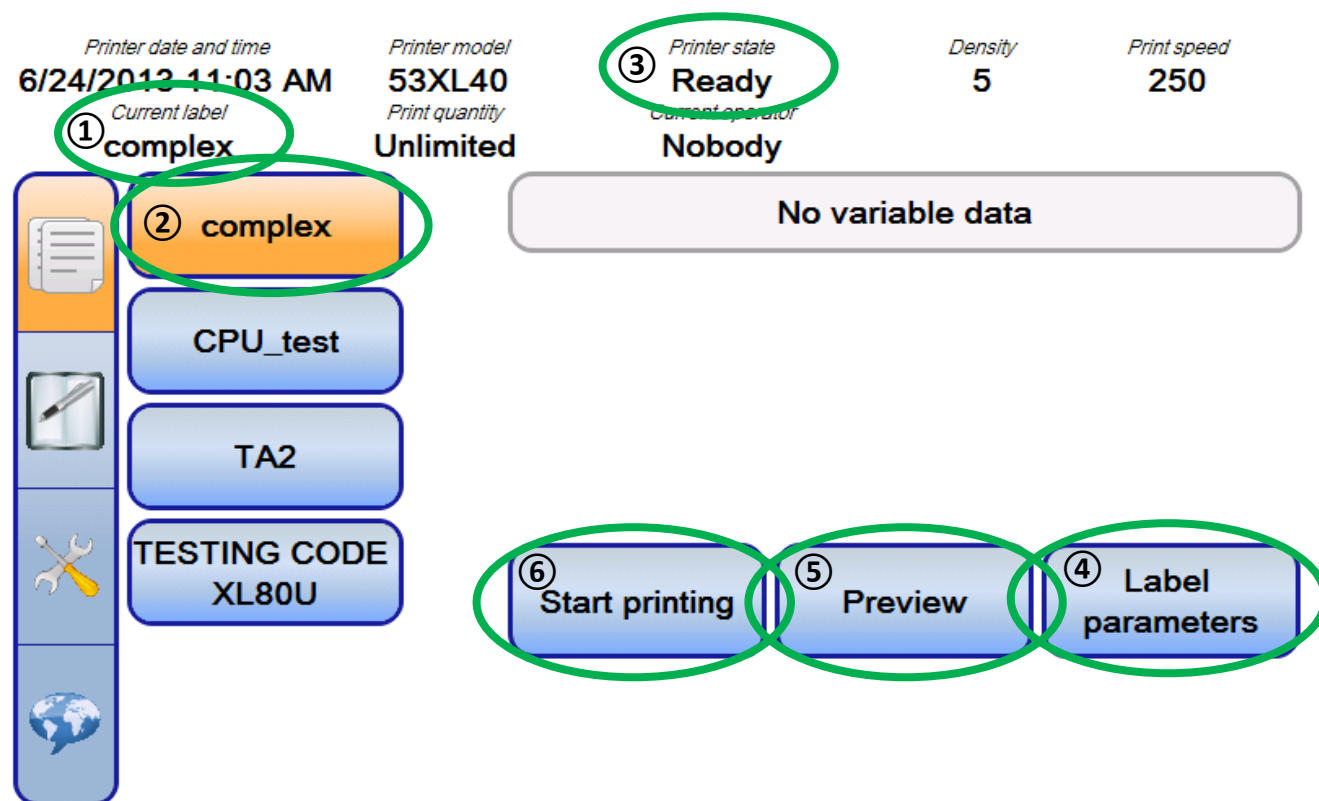
Application Screen 19 - Label selection screen

Press the label selection screen button ①.

Tap on a label in the label selection list and press the arrow button ②.

Now proceed with the next page.

3.2.2 Starting a print



Application Screen 20 - Starting a print

When a print label has been loaded, the label name is displayed in the „Current label“ status area ①. The print label is also highlighted in the label selection list ②.

If the printer is ready ③, the „Start printing“ button ⑥ will be enabled.

Before starting the print, the label parameters ④ can be adjusted. Refer to section 6.1 for documentation of this feature.

Press the „Start printing“ button ⑥ to prepare the printer for printing with the loaded label ①.

A preview of the print label can be displayed ⑤. Refer to section 6.3 for documentation of this feature.

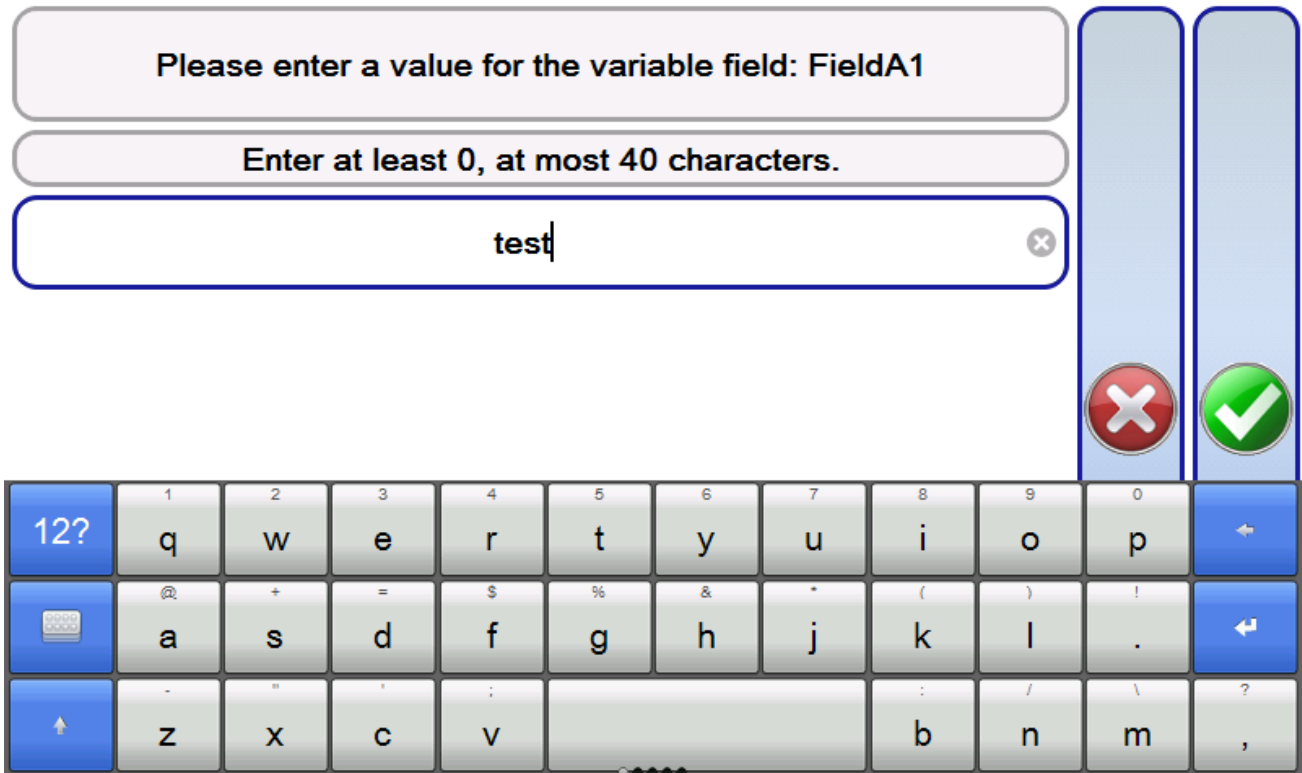
3.2.3 Label variable entry

Print labels can contain variable data fields of different types.

If a print label contains one or more variable data fields that can be changed using the handheld, the field content can be changed when a print is started.

In this example a variable field of type “text” is defined in the print label.

When the “Start printing” button is pressed, the following dialog will appear.



Please enter a value for the variable field: FieldA1

Enter at least 0, at most 40 characters.

test

12? 1 2 3 4 5 6 7 8 9 0 [Enter]
[Backspace] a s d f g h j k l . [Enter]
[Up Arrow] z x c v [Space] b n m ,

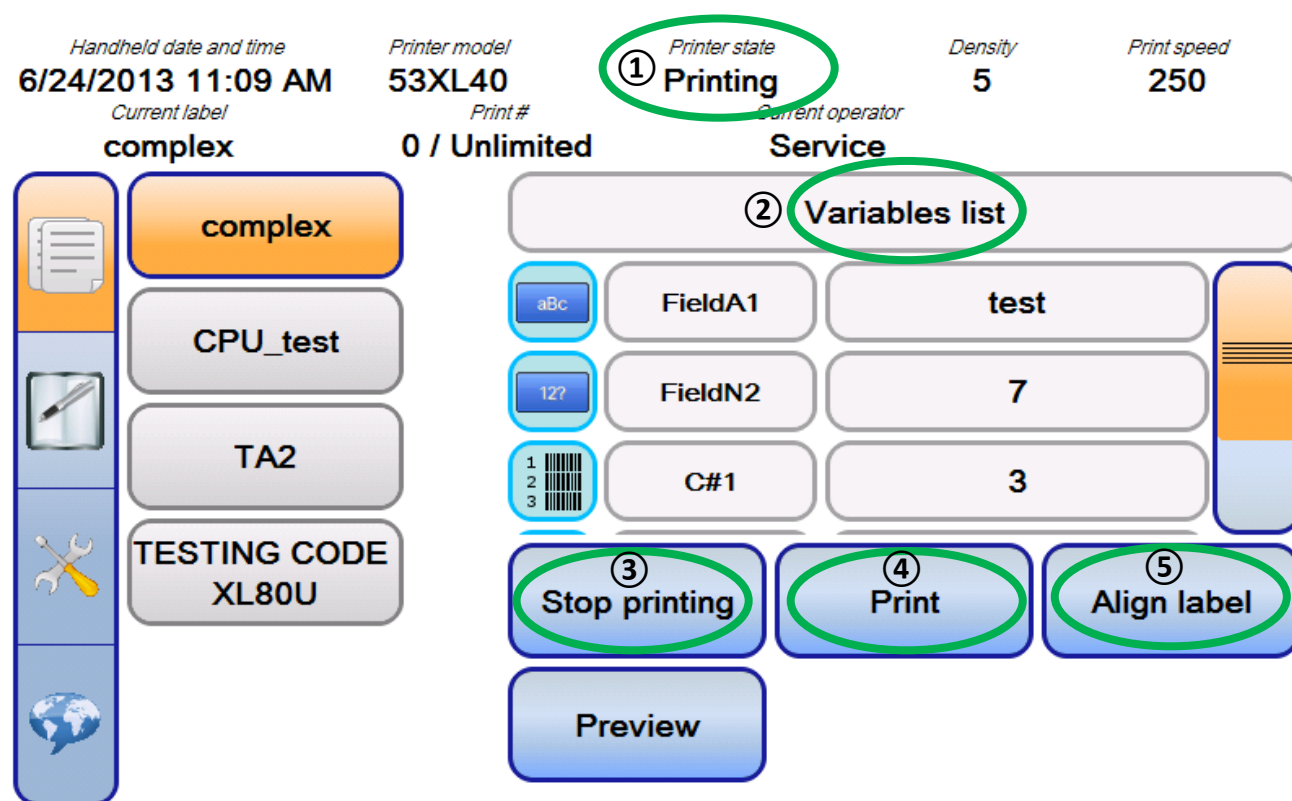
Application Screen 21 - Text variable entry

The print label loaded contains a text variable.

Enter the variable content using the keyboard displayed on the screen and press continue.

Other types of variable data fields are numerical values, automatic counters, and date fields.

3.2.4 Print operation



Application Screen 22 - Printing

The printer state ① indicates that the printer is in the printing state.

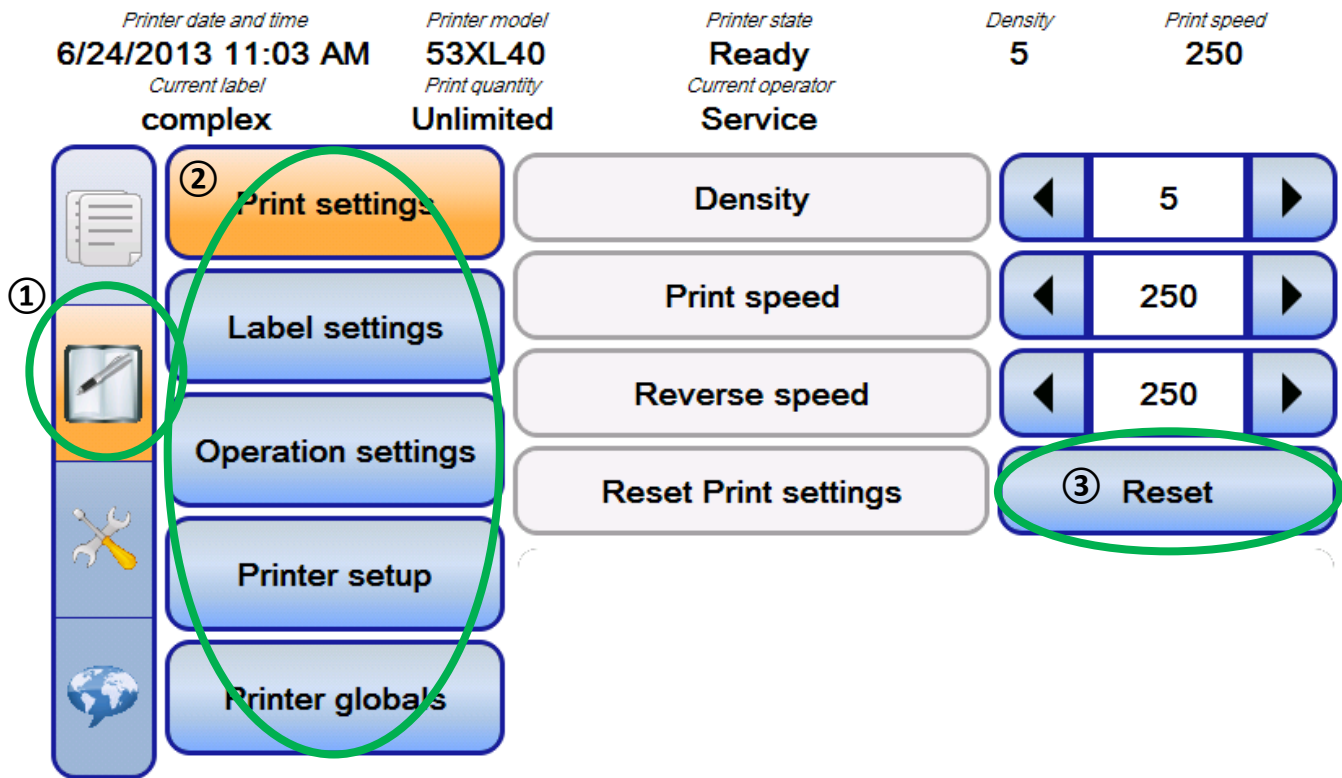
The variables list ② displays the values for the variables entered for this label.

To trigger a single label print, press the “Print” button ④.

To stop printing the current label, press the “Stop printing” button ③.

While printing, the position of the label can be adjusted ⑤. Refer to section 6.2 for documentation of this feature.

3.3 Changing the printer settings



Application Screen 23 - Printer configuration

The printer has many configuration settings which can be changed through the printer settings screen ①.

Use the category buttons ② to navigate within this screen.

Every category has a reset button ③ to reset the settings.

For a reference of individual settings, please refer to the following chapters.

3.3.1 Printer settings: “Print settings”

Density Determines the black-white contrast of the print. Configure this parameter according to the type of thermal transfer ribbon used, the surface material and the printing speed.

Values: from 0 to 9.

Print speed In intermittent motion printers, this value defines the speed at which the print head moves forward during the print cycle. In continuous motion printers, this value is used only if “Use Encoder” is off. It then defines a fixed value for the printing speed.

Values: from 75 to 400 mm/s.



NOTE

The following settings are only available for continuous motion printers.

Prints per cycle If this value is greater than 1, the label will be printed as many times as configured in the same print cycle. E.g. when a print cycle is started by an external print signal and this value is set to 3, the printer will make 3 consecutive prints.

Values: 1-99

Print separation Distance between individual label prints when prints per cycle is configured greater than one.

Values: 1-9999 mm



NOTE

The following settings are only available for intermittent motion printers.

Reverse speed The speed at which the print head moves back towards the home position.

Values: from 75 to 400 mm/s.

3.3.2 Printer settings: „Label settings“

Print Quantity Determines the number of print jobs to be performed. The printer will automatically leave the printing state and go back to the ready state when this number of prints is reached.

If the value is set to zero, no limit is imposed, and the printer will only stop when explicitly stopped.

Values: 0 to 999999999

Mirror label Flip the label over the horizontal axis when printing, i.e. print a mirrored label. This can be used to print on the inside of a translucent material.



NOTE

The following settings are only available for continuous motion printers.

Adjust to frame When the host machine speed varies, a time-based print delay can lead to variations in the position the label is printed at. When this option is enabled, the printer attempts to compensate for variance in the host machine speed.

Ribbon motor delay The time, in ms, between activation of the electro valve (activation of the ribbon motors) and the start of label printing. This can be tuned to compensate the change in material speed that is incurred by lowering the print head, and the demands of the print label with regard to distortion within the topmost few millimetres.

Values: 0-9999



NOTE

The following settings are only available for intermittent motion printers.

Lateral advance Determines the lateral distance in millimetres between two prints made on a given piece of ribbon, if “Number of lateral advances” is configured to be greater than one.

Values: 1 – half of the width of the usable print area (width of ribbon or print head)

Number of lateral advances Defines the number of prints to be performed on a given piece of ribbon. If this value is set greater than one, the printer will rewind the ribbon after a print, then it will print the label again on the same segment of ribbon with a lateral shift defined by the “Lateral advance” value.

This can be used for ribbon saving purposes with labels that are not as wide as the ribbon itself, if the print material can be configured in such a way that the resulting lateral offset between prints can be integrated into the process or ignored.

Values: 0-17

3.3.3 Printer settings: „Operation settings“

Cycle end delay Defines the waiting period between two print cycles. The printer will not enter the next cycle before this timeout has passed.

Values: 0 to 9999 ms.

Electro valve delay Defines the time interval between activation of the electrically operated valve that lowers the print head and the start of the printing process.

Values: 0 to 9999 ms.

Print delay Determines the time that elapses between activation of the external print signal and the start of the print process, being the activation of the electro valve.

Values: 0 to 9999 encoder pulses.

Rewind delay Defines the time interval between the end of one print job and the start of the ribbon rewind process.

Values: 0 to 999 ms.



NOTE

The following settings are only available for intermittent motion printers.

Advance electro valve off Defines the number of encoder steps that the electro valve will deactivate in advance before the label print ended. This can be used to fine tune the printing process.

Values: 0 - 9999

3.3.4 Printer settings: „Printer setup“

Printer date and time The date and time on the printer internal clock. Determines date and time fields when included in a label.

Printer language The language configured internally in the printer. Determines the format of dates and times when included in a label.

Printhead resistance The electrical resistance of the print head as specified by the thermal bar manufacturer. Values: from 1074 to 1476 Ohms.

Ribbon installed Determines if the printer expects a thermal transfer ribbon to be present. If off, the printer will print without checking if a ribbon is installed.



NOTE

The following settings are only available for continuous motion printers.

Use encoder This setting determines whether a radial speed encoder is attached. If an encoder is attached, the print speed will be determined from the encoder signal. If no encoder is attached, the print speed is set fixed as configured.



NOTE

The printer date and time and Printhead resistance will not be reset when the Reset button is pressed.

3.3.5 Printer settings: "Printer globals"

Time offset Specifies the time to update a programmed date with hourly variation (that date is updated once a day). Refer to the label design software documentation for information on how to use this feature.

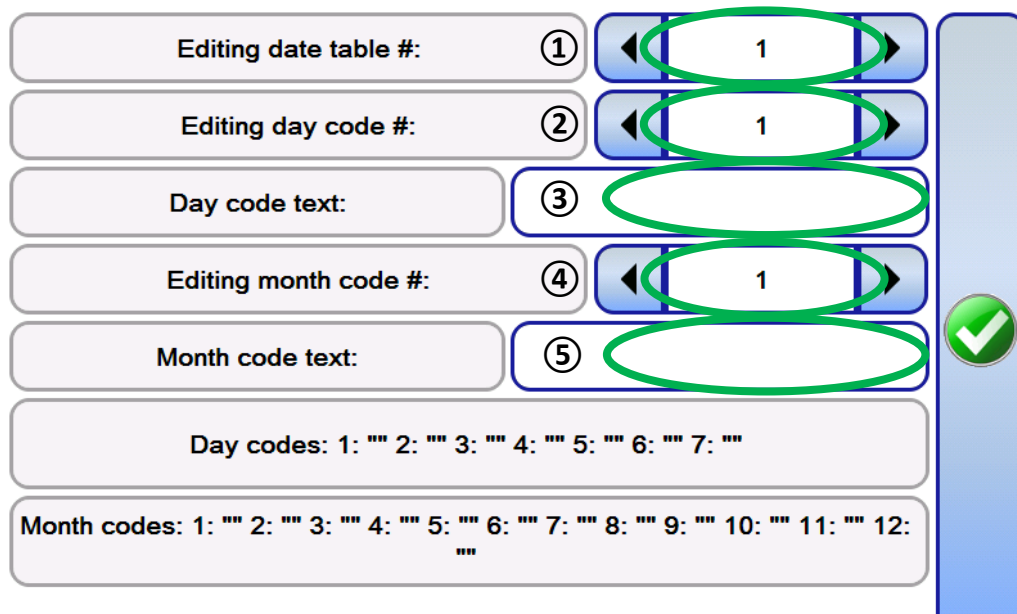
Seven day batch Specifies the day of the week and time to update a programmed date that is changed each week (a date that is updated once a week). Refer to the label design software documentation for information on how to use this feature.

Audit code Edits the parameters needed to create this code type (encryption of the parameters defined after the current date and time). Refer to the label design software documentation for information on how to use this feature.

User date tables can be used to substitute string values for months and days of the week. There are 10 date tables available numbered from 1 to 10. In order to use the substituted values in a print label, the print label has to reference the date table explicitly. Refer to the label design software documentation for information on how to use this feature.

Day code 1 represents Monday, 2 = Tuesday up to 7 = Sunday.

Month code 1 represents January, 2 = February up to 12 = December



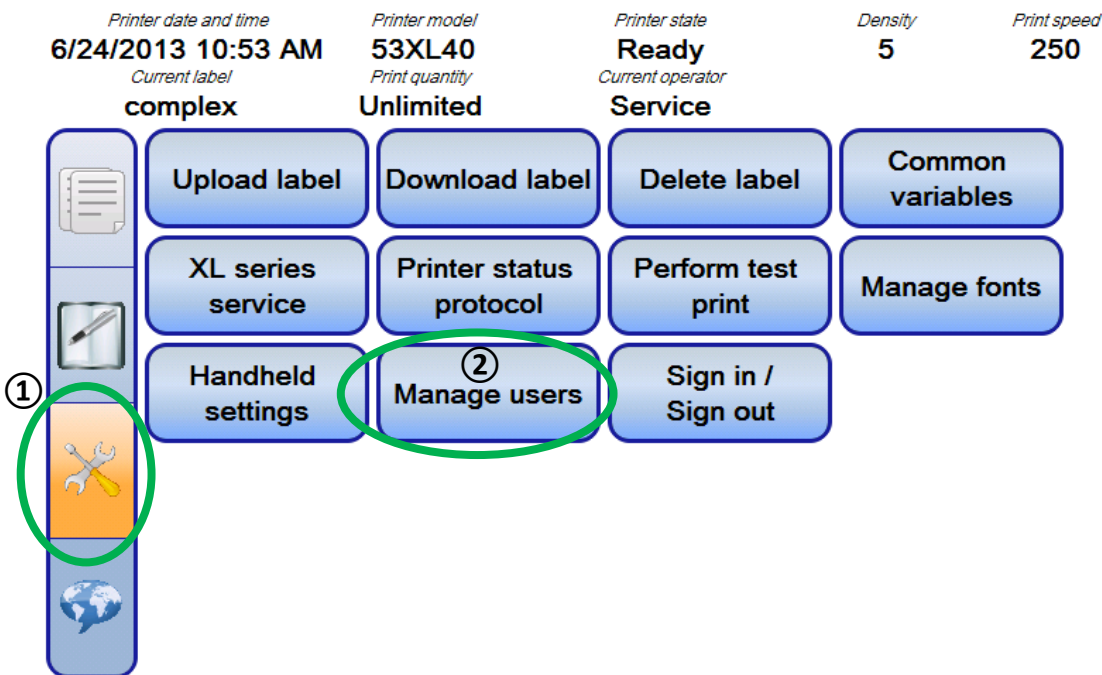
Select the date table number that you wish to modify ①.

Select the day code number ② for the date table to change the value for the selected day code of the selected date table in the text field ③.

Select the month code number ④ for the date table to change the value for the selected month code of the selected date table in the text field ⑤.

The bottom two labels show the contents of the entire date table currently selected in ①.

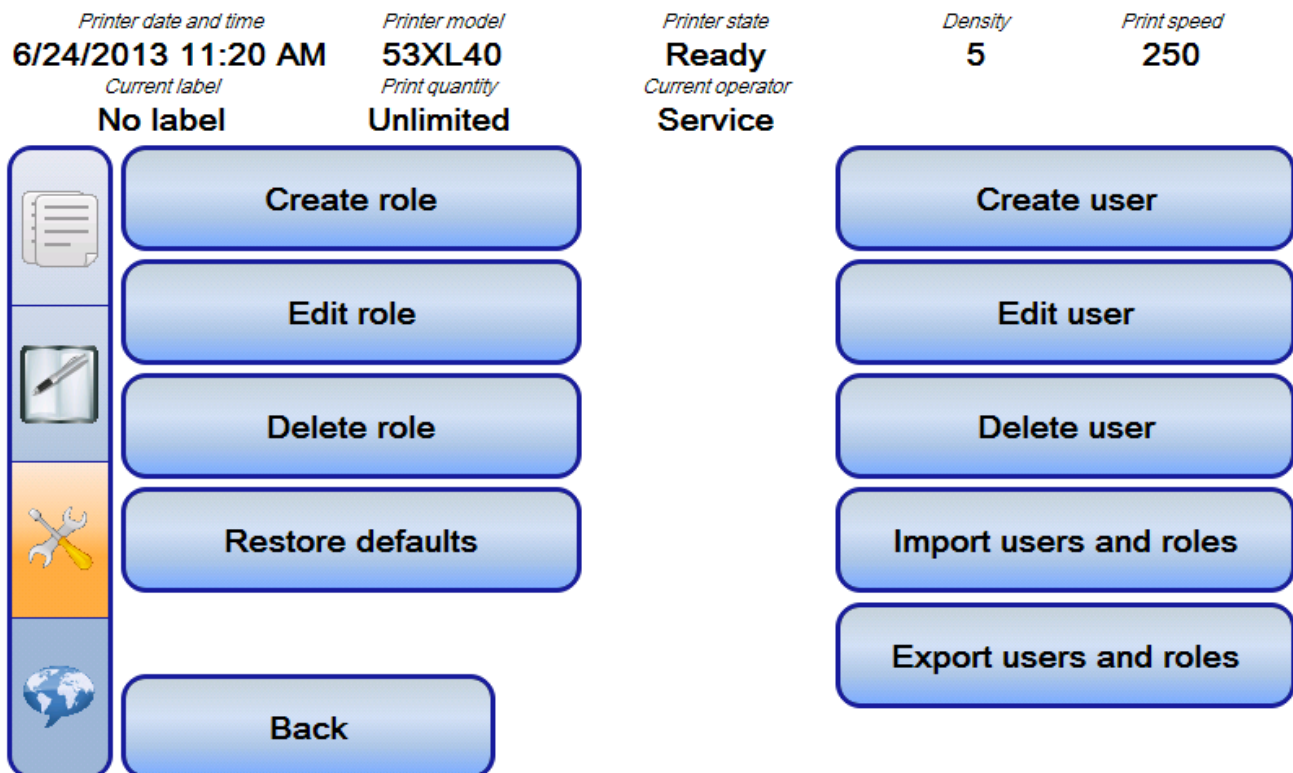
4 User management



Application Screen 24 - Manage users button

Press the service tasks button ①.


Then click the "Manage users" button ② to access the user management screen:



Application Screen 25 - User management screen

4.1 Managing Roles

<i>Printer date and time</i> 6/24/2013 11:20 AM	<i>Printer model</i> 53XL40	<i>Printer state</i> Ready	<i>Density</i> 5	<i>Print speed</i> 250
<i>Current label</i> No label	<i>Print quantity</i> Unlimited	<i>Current operator</i> Service		



① Create role

② Edit role

③ Delete role

Restore defaults

Back

Create user

Edit user

Delete user

Import users and roles

Export users and roles

Application Screen 26 - Managing roles

A role includes one or more permissions (e.g. "update printer firmware").

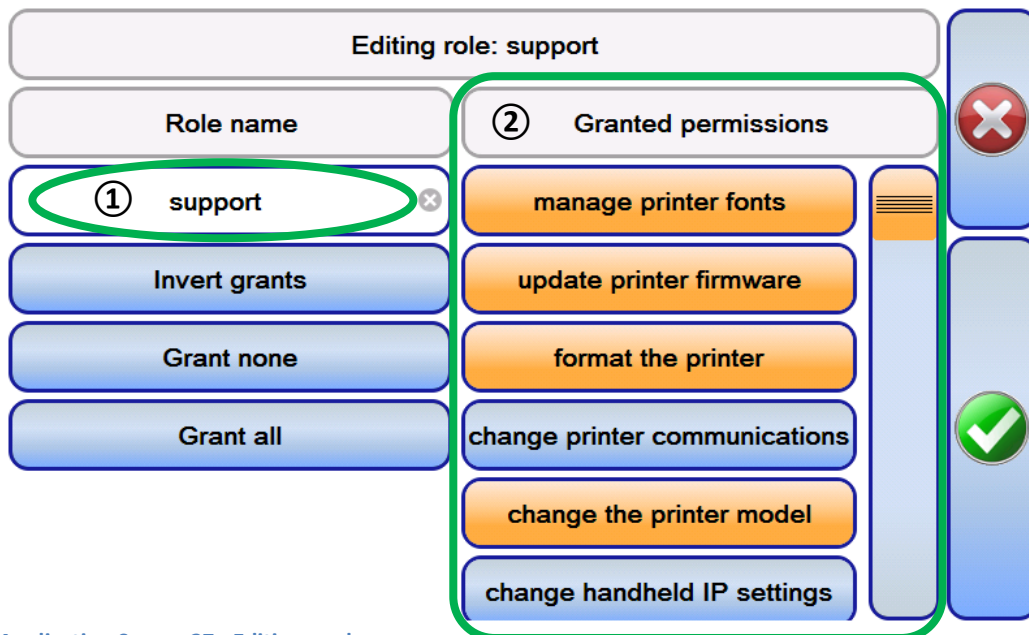
Adding a permission to a role allows users who have had that role assigned to them to perform the relevant operation.

More than one user can have the same role assigned to it. Users can have more than one role assigned.

A user that has no roles assigned to them only has the permissions that are set in the special Role which is named "Always Allowed."

You can create a role ①, edit a role ② (add or remove permissions to a role) or delete a role ③.

4.1.1 Create a role



Editing role: support

Role name

① support

Invert grants

Grant none

Grant all

② Granted permissions

manage printer fonts

update printer firmware

format the printer

change printer communications

change the printer model

change handheld IP settings

✓

Application Screen 27 - Editing a role

Enter a role name ①.

Now click on the permissions ② which should be assigned to the role. Granted permissions are highlighted.

4.1.2 Edit a role



Application Screen 28 - Selecting a role

Click on the “Edit role” button.

Then select the role which you want to edit.

After picking a role you can change the role as outlined on the previous page.

4.1.3 Roles: “Delete role”

Click on the “Delete role” button.

You will be asked to pick a role for deletion. Pick a role and press the confirm button.

4.2 Managing Users


Printer date and time
6/24/2013 11:20 AM
Current label
No label

Printer model
53XL40
Print quantity
Unlimited


Printer state
Ready
Current operator
Service

Density
5


Print speed
250




Create role




Edit role



Delete role



Restore defaults



Back

① Create user

② Edit user

③ Delete user

Import users and roles

Export users and roles

Application Screen 29 - Managing users

You can create a user ①, edit a user ②, where you can also assign or remove roles for a user, or delete a user ③.

4.2.1 Create a user

Editing user: New user



User name

① New user

② Set password

③ Assigned roles

support



Application Screen 30 - Editing a user

Enter a user name ①.

Set a password ② for the user and select the roles which you want to assign ③. Assigned roles are highlighted.

4.2.2 Edit a user

Click the button “Edit user”.

Pick the user which you want to edit.

The same screen as in the previous section will appear, allowing you to change the user’s name, password and assigned roles.

4.2.3 Manage users: “Delete user”

Click on the button “Delete user”, then select the user to delete. The user will be permanently removed.

4.3 Import users and roles

You can import users and roles by clicking on the button “Import users and roles”;

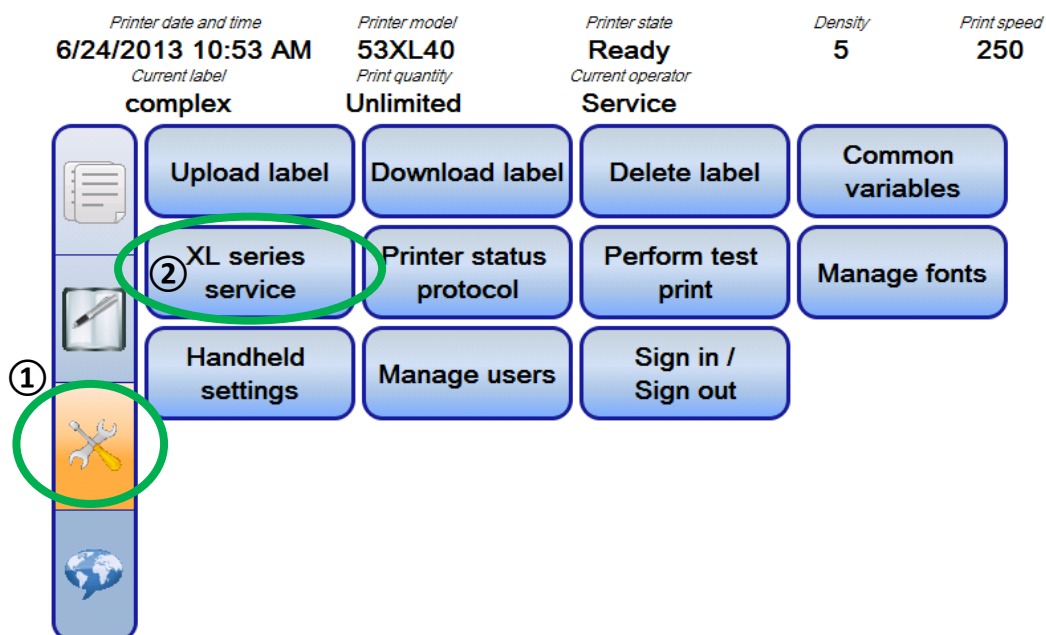
The program will import users and roles from the ACLConfig.xml file on your USB pen drive. The file is usually created by the export function - see the next section.

4.4 Export users and roles

You can export users and roles by clicking on the button “Export users and roles” for backup purposes or to create a template for re-distribution among multiple deployed handhelds.

The program will export your current users and roles into an ACLConfig.xml file on your USB pen drive.

5 XL series service

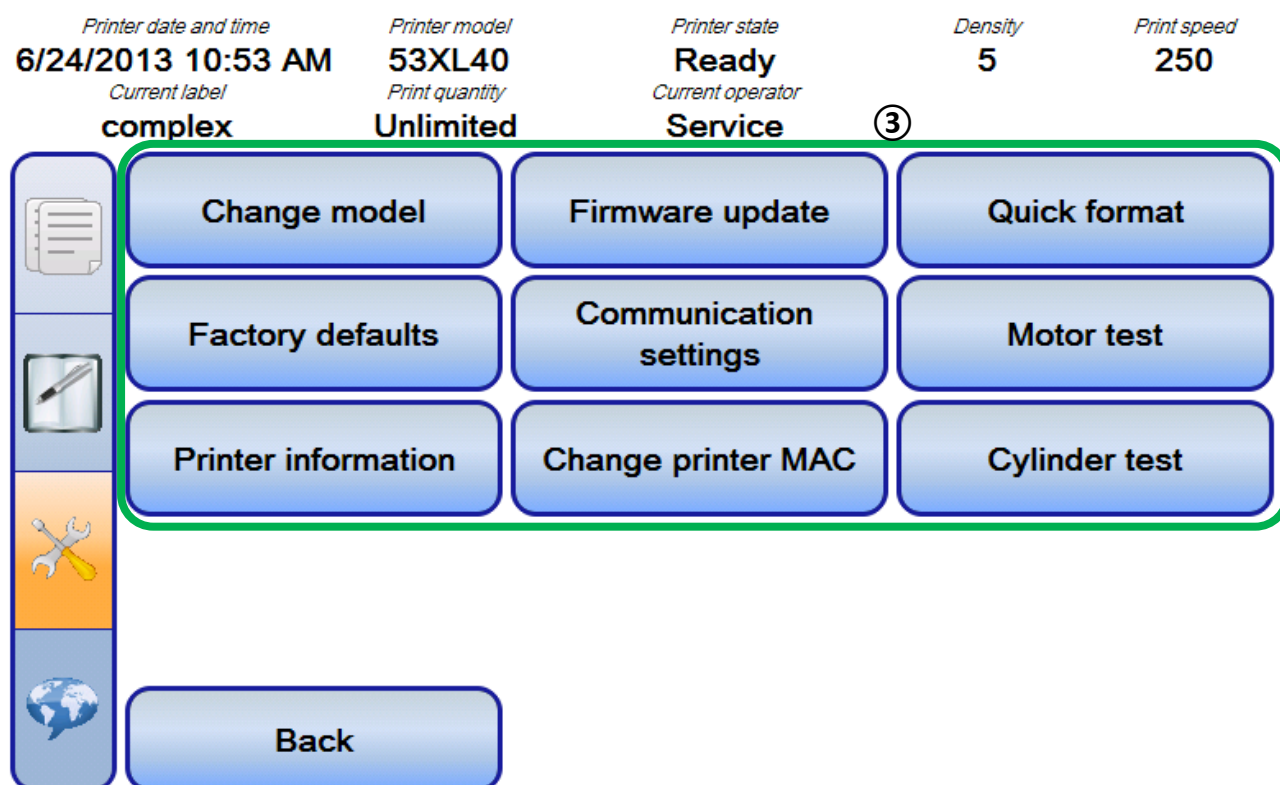


Application Screen 31 - Manage users button

There are various tasks available for service and maintenance of the XL series printer.

Press the service tasks button ①.

Press the "XL series service" button ② to see all service tasks. ③.



Application Screen 32 - XL Series service tasks

5.1 Changing the configured printer model

Choose the correct printer model from the list and confirm your Selection.
An incorrect selection will cause the printer to cease functioning.



NOTE

This setting is only set once when a new PCB is installed by service personnel and should never be changed. This setting is protected by a special password.

5.2 Firmware update

Press the “Firmware update” button to update the printer firmware. Firmware update packages must be copied to a USB pen drive and stored in a folder named “PRINTER”. Make sure to uncompress the firmware files first if they arrived in a file archive.



NOTE

Only update the printer firmware when explicitly instructed to do so by the supplier. Always read the instructions received with the firmware update carefully before applying the update.

5.3 Quick format

Press the “Quick format” button to format the internal storage of the printer.



NOTE

All uploaded Labels and Fonts will be lost!

5.4 Factory defaults

Press the “Factory defaults” button to reset all printer settings to the factory defaults.



NOTE

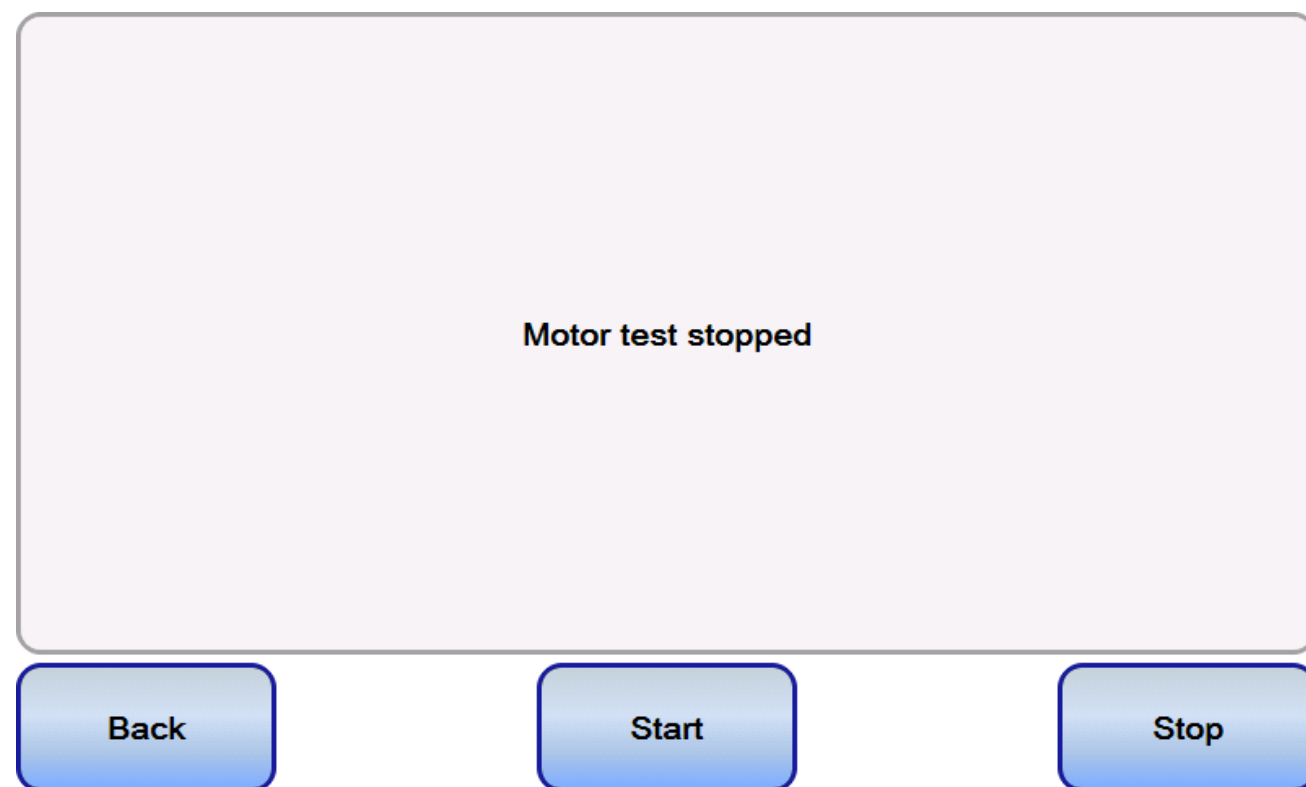
The settings for the print head thermal bar resistance and the printer’s date and time will not be reset.

5.5 Communication settings

Refer to the instructions in chapter 2.1.5 for detailed information on how to configure your printer’s communication settings.

5.6 Motor test

Press the “Motor test” button and the following screen will appear.



Application Screen 33 - Motor test screen

Press the “Start” button to start the printer motor test, press the “Stop” button to stop the printer motor test. To leave the Motor test screen, press “Back”.

5.7 Printer information

Printer firmware version is XLV100U-FA1.00B 0.02-RA1.06B 0.02

Free label memory: 1883 megabytes. Free font memory: 22 megabytes.

Current printer hardware MAC address: 00:06:b3:00:26:39

Printed Meters: 15546 Printed Cycles: 1073146 **① Reset counters**

Thermal bar sensor readings: Temperature: 24.5 °C Voltage: 24.3 Volts.

Cassette: ☒ Home: ☒ Ribbon out: ☐

Ribbon spool: ☐ External signal: ☐

Back

Application Screen 34 - Printer information screen

On this screen you can see relevant information about the printer.

Press the “Reset counters” button ① to reset the counter for printed meters and printed cycles.



NOTE

When the printer state is not “ready”, most of the information is not available.



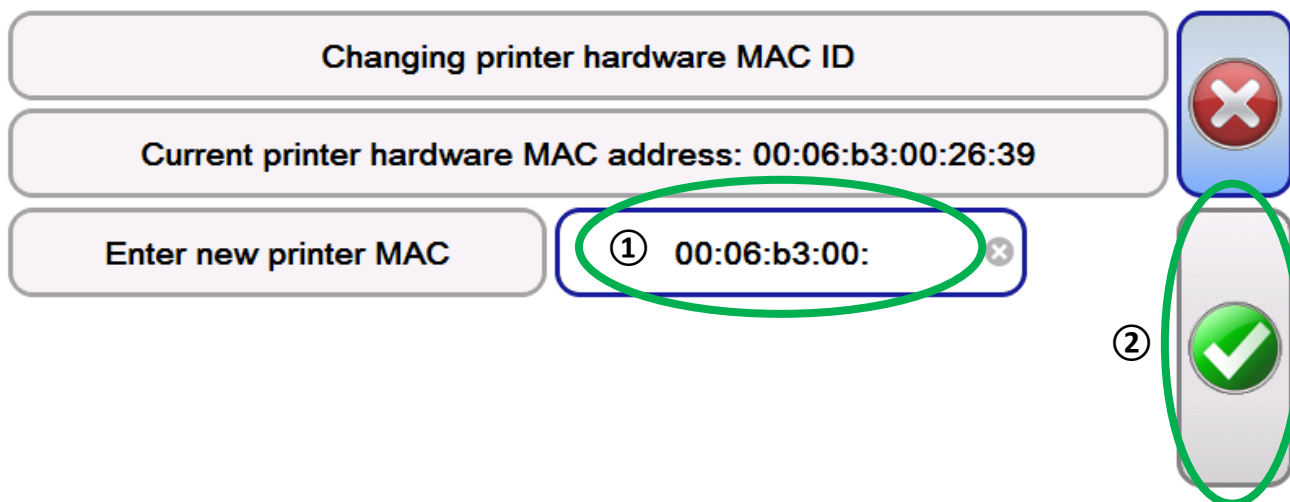
NOTE

Resetting the counter is protected by a special password.

5.8 Change printer MAC

To change the printer MAC address click on the button “Change printer MAC”.

The following screen will appear:



Application Screen 35 - Changing the printer's MAC address

Click on the text field ①.

A keyboard will appear and you can change the current MAC address.

The “OK” button ② is only available if you entered a valid MAC address.



NOTE

The printer's MAC address is globally unique and registered with the supplier. It must only be set once by qualified service personnel. This setting is protected by a special password.



5.9 Cylinder test

To perform a cylinder test, click on the button “Cylinder test”.

In the test screen you can manually control the main cylinder and the print cylinder.

6 Miscellaneous Topics

6.1 Adjusting label parameters

Format height	◀ 80.0 ▶	 
Format width	◀ 53.0 ▶	
X Offset	◀ 0.0 ▶	
Y Offset	◀ 2.0 ▶	
Ribbon advance	◀ 6.0 ▶	
Save variable fields	<input checked="" type="checkbox"/> <input type="checkbox"/>	

Application Screen 36 - Label parameters

Format height This value defines the printable height of the label.

Format width This value defines the printable width of the label.

X Offset The X offset of the label.

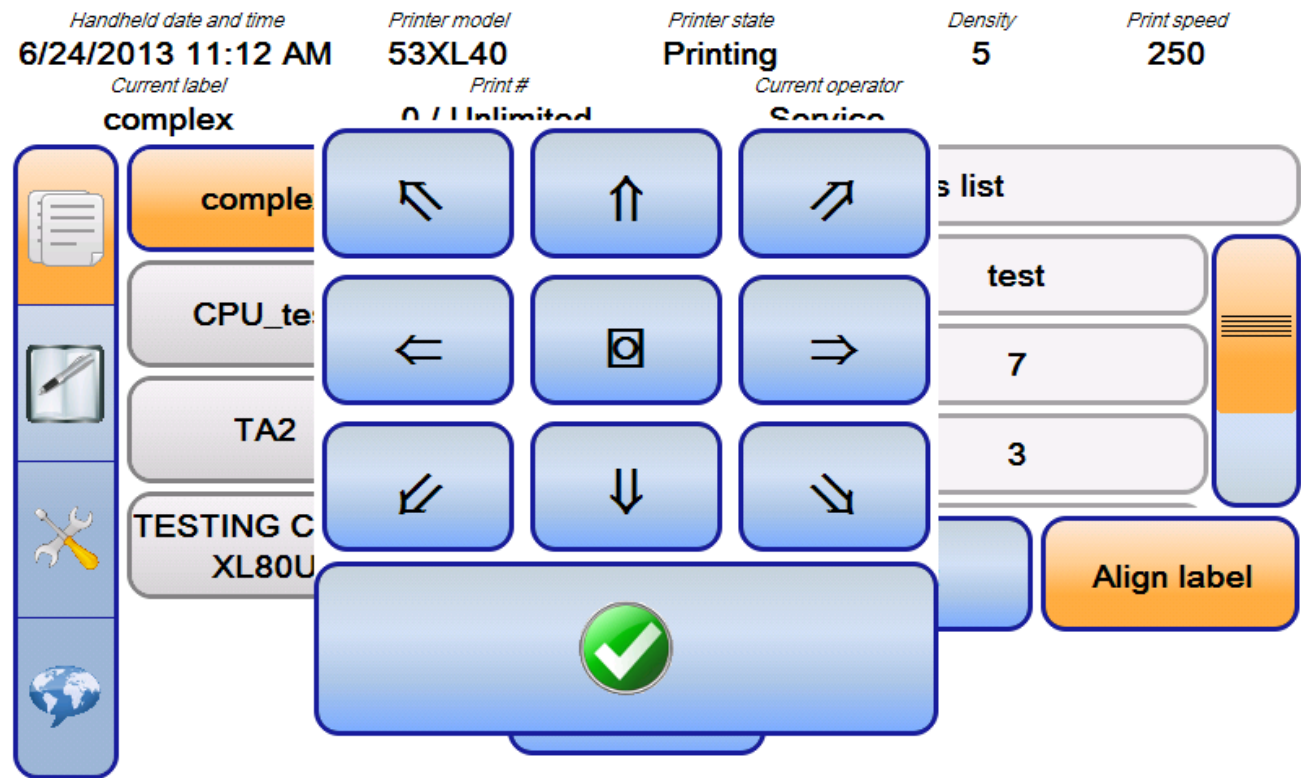
Y Offset The Y offset of the label.

Ribbon advance (IM Operation only) Distance to spool the ribbon during a print cycle.

Ribbon rewind (CM Operation only) Distance to rewind the ribbon during a print cycle.

Save variable fields Determines whether the label's variable content should be written back into the label after a print job. If this is off, the label will not be modified. If this is on, the label will be updated with the variable data last entered. Writing the data back may take several milliseconds. In time critical fully automated processes, this can be turned off.

6.2 Adjusting the label position while printing



Application Screen 37 - Label alignment

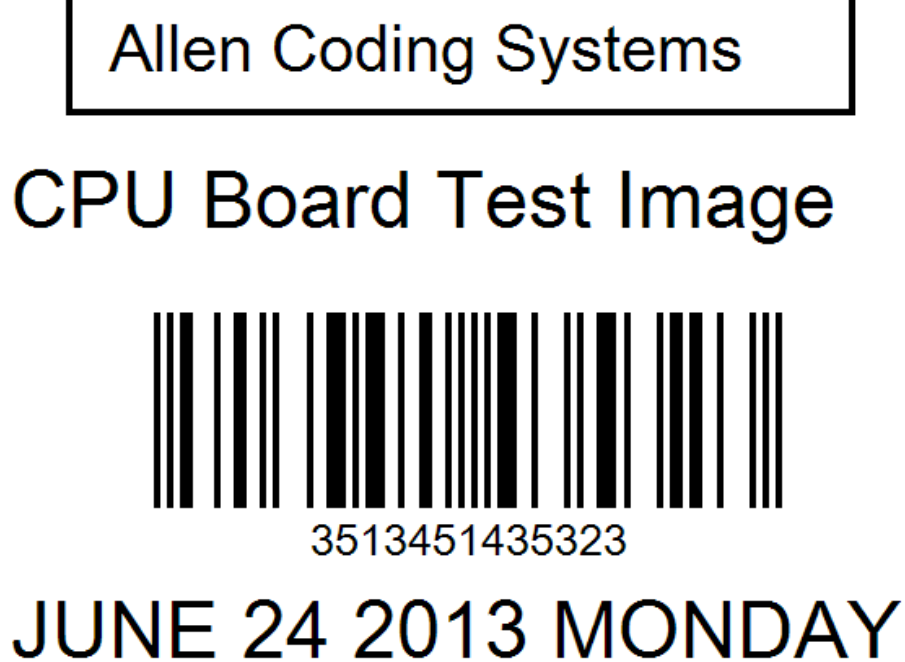
The label position can be adjusted while a print is in process.

Use the direction buttons to realign the label. Movements in the lateral direction are in steps of 32 pixels. Movements in the perpendicular direction are in steps of 1 pixel.

Use the zero point button in the centre to reset the label position to the default.

When alignment is complete, press the confirmation button to return to the workspace.

6.3 Preview



Application Screen 38 - Preview example

Printer labels can be previewed on the Handset at any time by pressing the preview button.

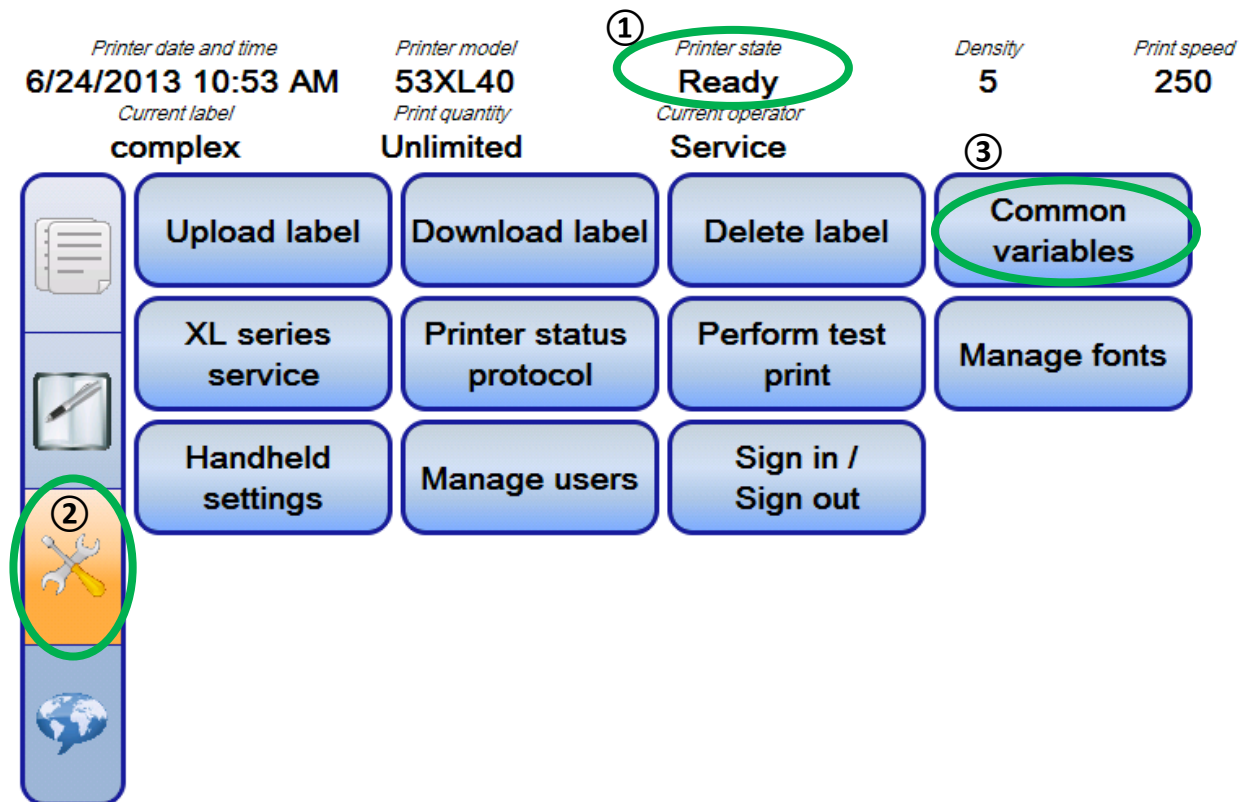
The label will be downloaded from the printer as it is and displayed in the preview dialog.

Press the confirmation button to go back to the workspace.

6.4 Common Variables

Common variables are a mechanism that enables simple updates of variable fields in a label that are shared between all labels on the printer.

For improved understanding of this feature, refer to the printer CLI documentation and the label design software documentation. This document only explains how to change common variables using the handheld.



Application Screen 39 - Navigating to the common variables screen





Common variables can only be changed while the printer is in the ready state. They cannot be changed while the printer is in the printing state.

Verify that the printer is in the ready state. ①

Press the service tasks button ②.

Press the "Common variables" button ③.

Now proceed with the next page.

Printer date and time 6/24/2013 11:03 AM		Printer model 53XL40		Printer state Ready		Density 5		Print speed 250	
Current label CPU_test		Print quantity Unlimited		Current operator Service					
   	① 1	② testvariable	③ >>						
	2	112	>>						
	3	Test3	>>						
	4	Test4	>>						
	5	Test5	>>						
<div>Back</div>									

Application Screen 40 - Changing common variables

There are five common variables available numbered 1-5.

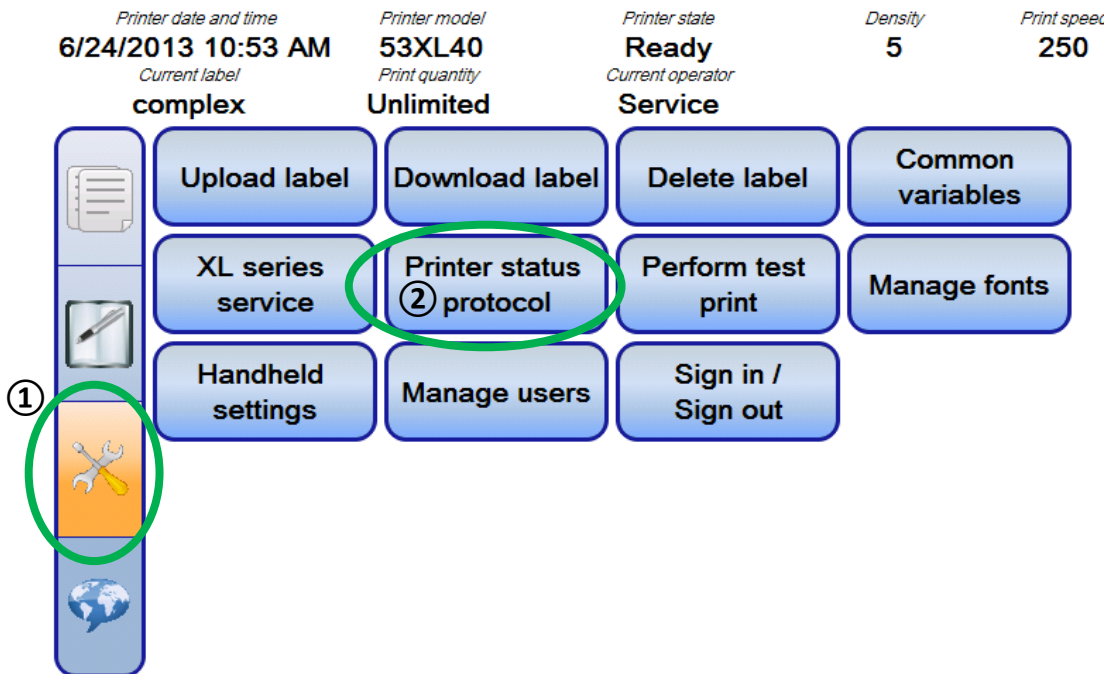
The number of the common variable is the first column. ①

The current value of the common variable is the second column. ②

Use the button in the third column to change the value of the common variable. ③

6.5 Printer status protocol

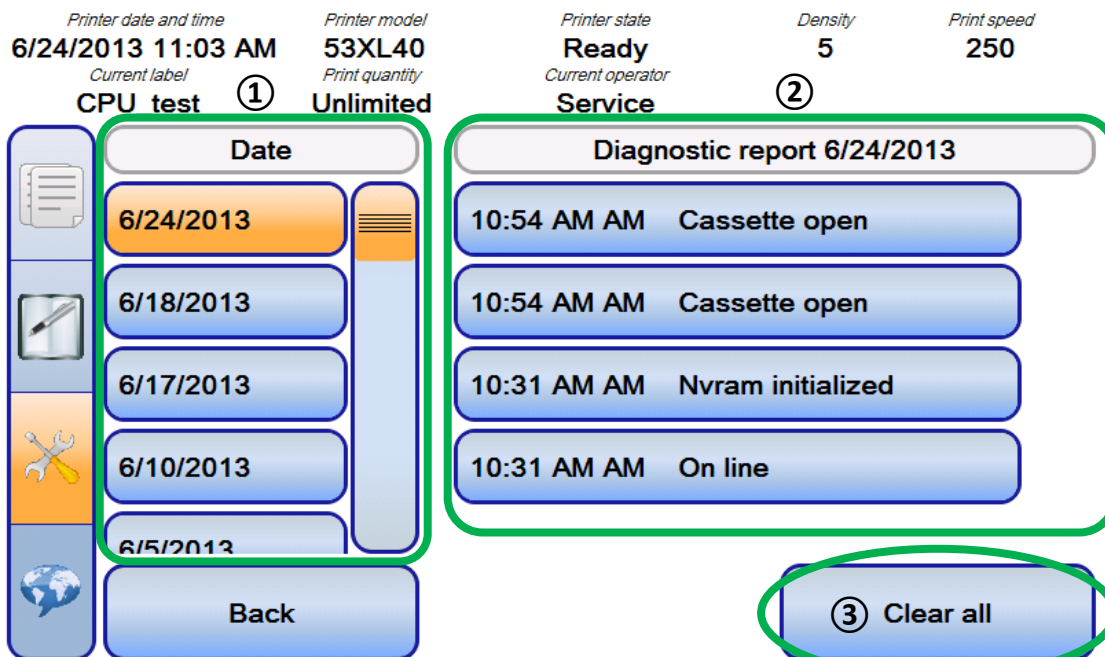
The printer status protocol reports events of the printer in a list together with the date and time they occurred at.



Application Screen 41 - Printer status protocol button

Press the service tasks button ① and then the “Printer status protocol” button ②.

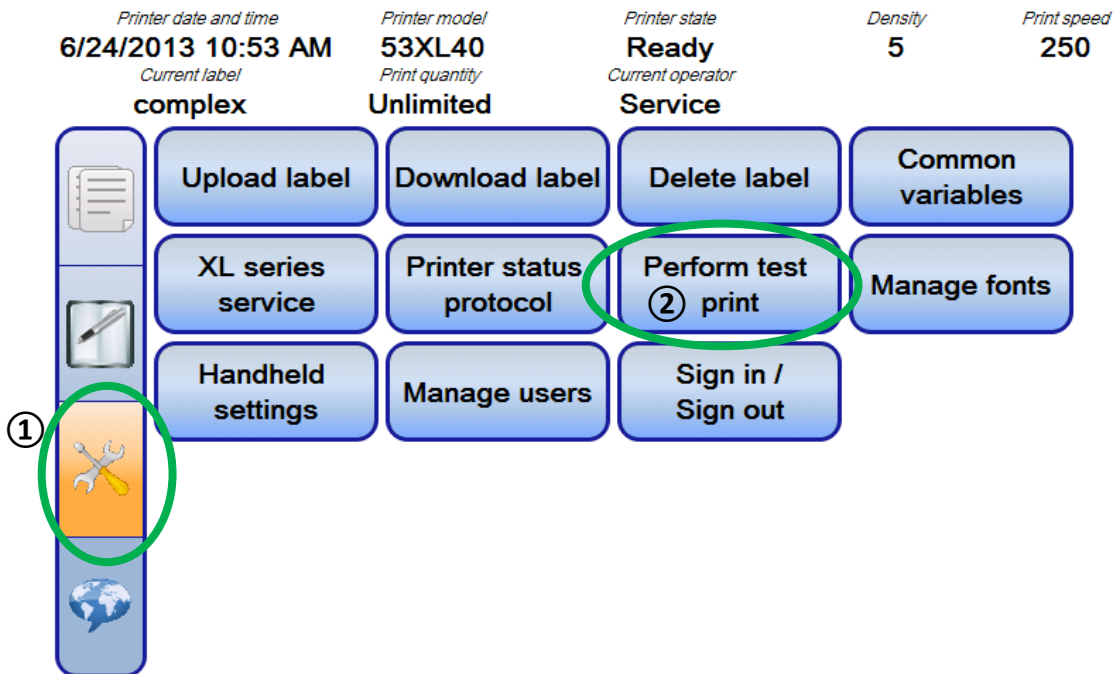
The list will be loaded and the following screen appears:



Application Screen 42 - Printer status protocol (diagnostics) screen

On the left side ① you can see a sorted list of dates for which reports are available. If you click on a date, the diagnostic items for this date will appear on the right side ② of your screen. You can clear all reports by clicking on the button “Clear all” ③

6.6 Perform test print

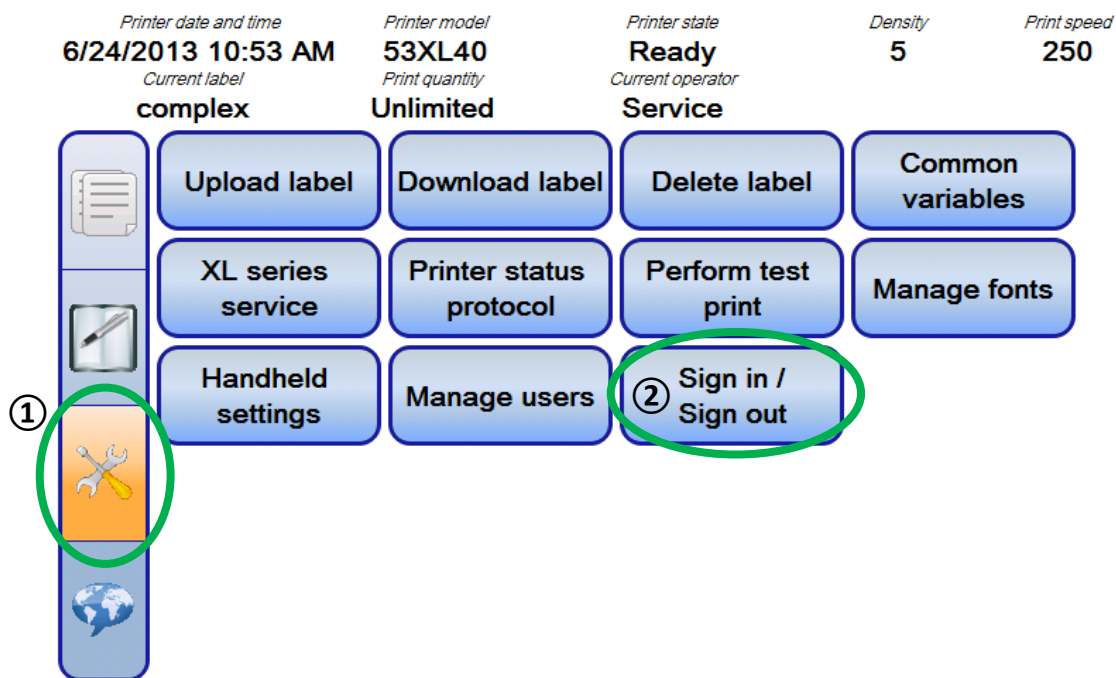


Application Screen 43 - Performing a test print

Press the service tasks button ①.

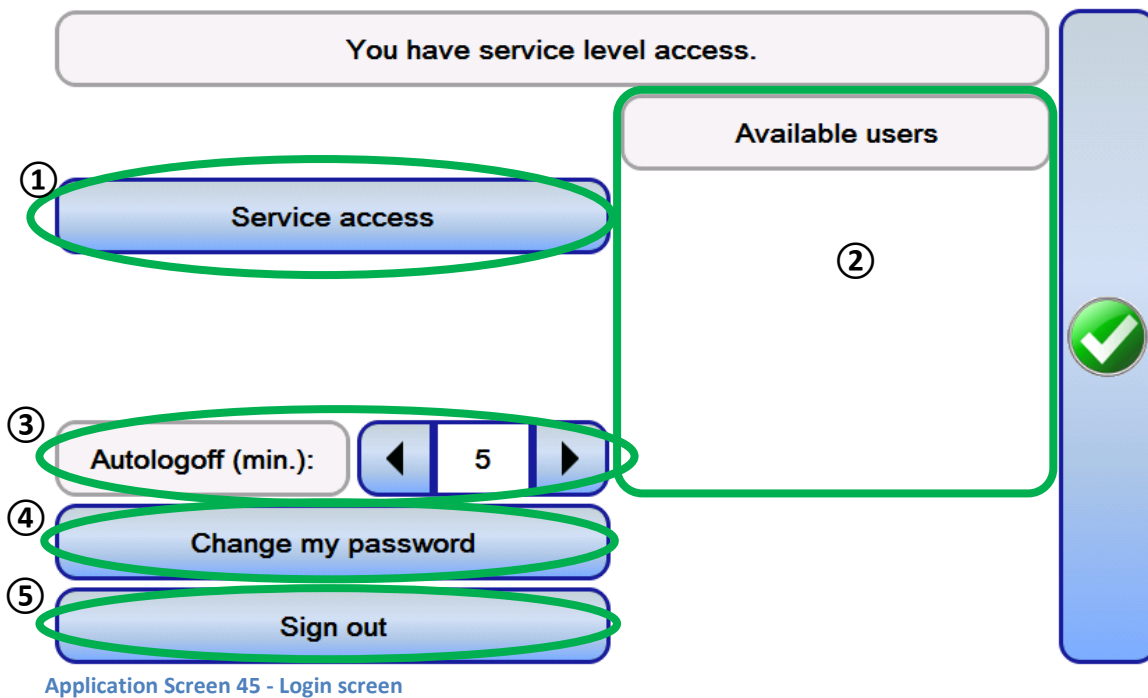
You can perform a test print by pressing the button "Perform test print" ②.

6.7 Sign in / Sign out (Login screen)



Application Screen 44 - Sign in / Sign out button

To access the login screen press the service task button ① and then press on the “Sign in/Sign out” button ②.



Application Screen 45 - Login screen

You can login with service access by clicking the “Service access” button. ① The service password is provided as a supplement to this manual.

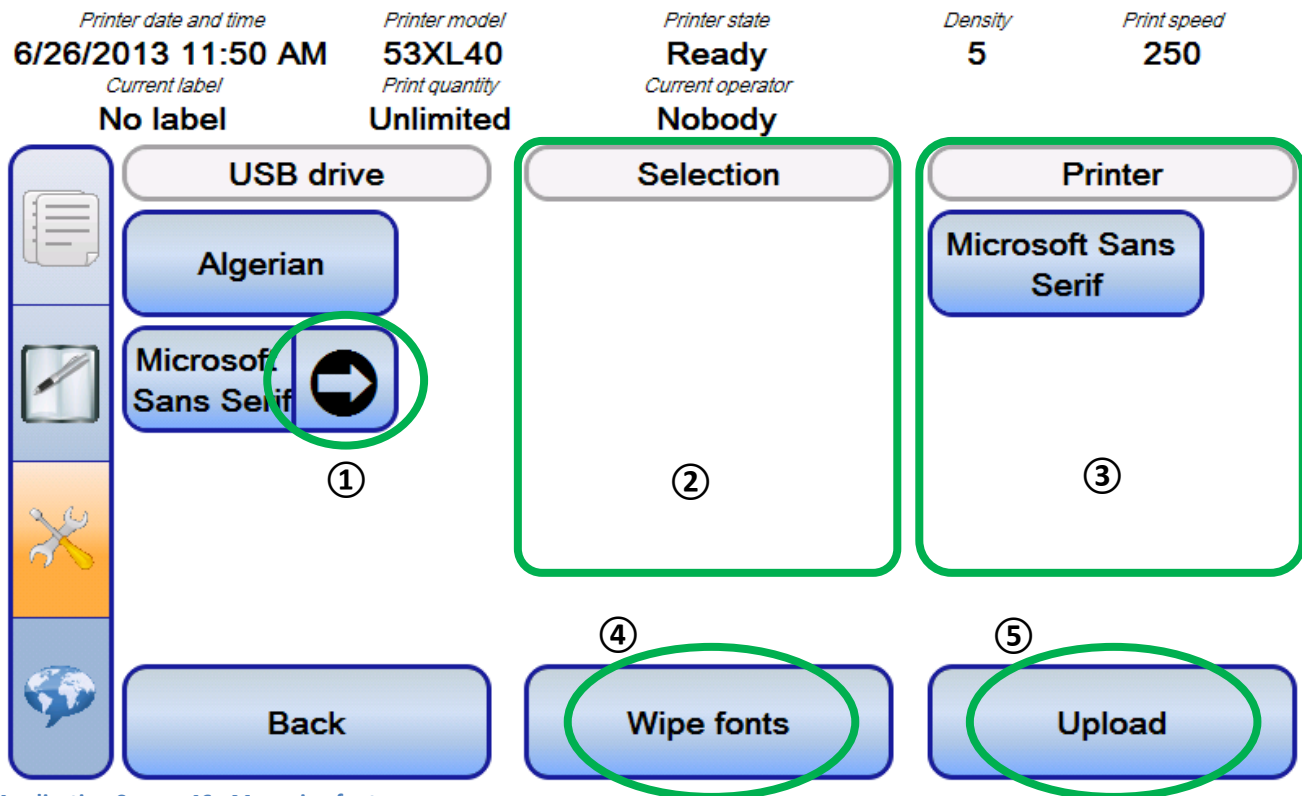
You can also login as a customer-defined user by clicking on a user from the available users list. ②

If you leave the handheld longer than the “Autologoff” ③ time you will be automatically logged out.

By pressing the “Change my password” ④ button you are able to change your password.

Click on the “Sign out” button to log off. ⑤

6.8 Manage fonts



Application Screen 46 - Managing fonts

You can upload fonts to your printer from a USB pen drive. Fonts have to be placed in a folder named "FONTSPRX" on the USB pen drive.

To store a font on your printer, you must first select a font on your USB drive from the list and click on the arrow ①.

After this your font is in the selection list ②. You can also upload more than one font at once if you select more than one font.

Click on the "Upload" button ⑤ to upload your font to the printer. Now your font is stored on the printer and is shown in the printer font list. ③

To delete the fonts on the printer click the "Wipe fonts" button ④.

Only TrueType fonts are supported. The storage space for fonts is limited. You can see the amount of storage space available for fonts by referring to the instructions in chapter 5.7.