



# Blanco Label Printer

**User Manual for version 1.2**

**2022-10-19**

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# 1. Minimum requirements

The Blancco Standalone Report Printer needs to run on a machine as follows:

- 64-bit, x86 architecture machine
- Windows OS (preferably 10 or higher)
- 2+ GB of RAM
- 1+ GHz processor or SoC
- 20+ GB of disk space
- Network connectivity (Ethernet or Wi-Fi NIC)

Other requirements:

- An on-premises BMC or a Blancco Cloud account is needed. The Blancco Standalone Report Printer will connect to this instance to print labels per report.
- A regular printer is required to print the labels. Such printer must be supported by the machine, accessible through the network or connected to the machine.

Note: the server running the on-premises BMC can also run the Blancco Standalone Report Printer.

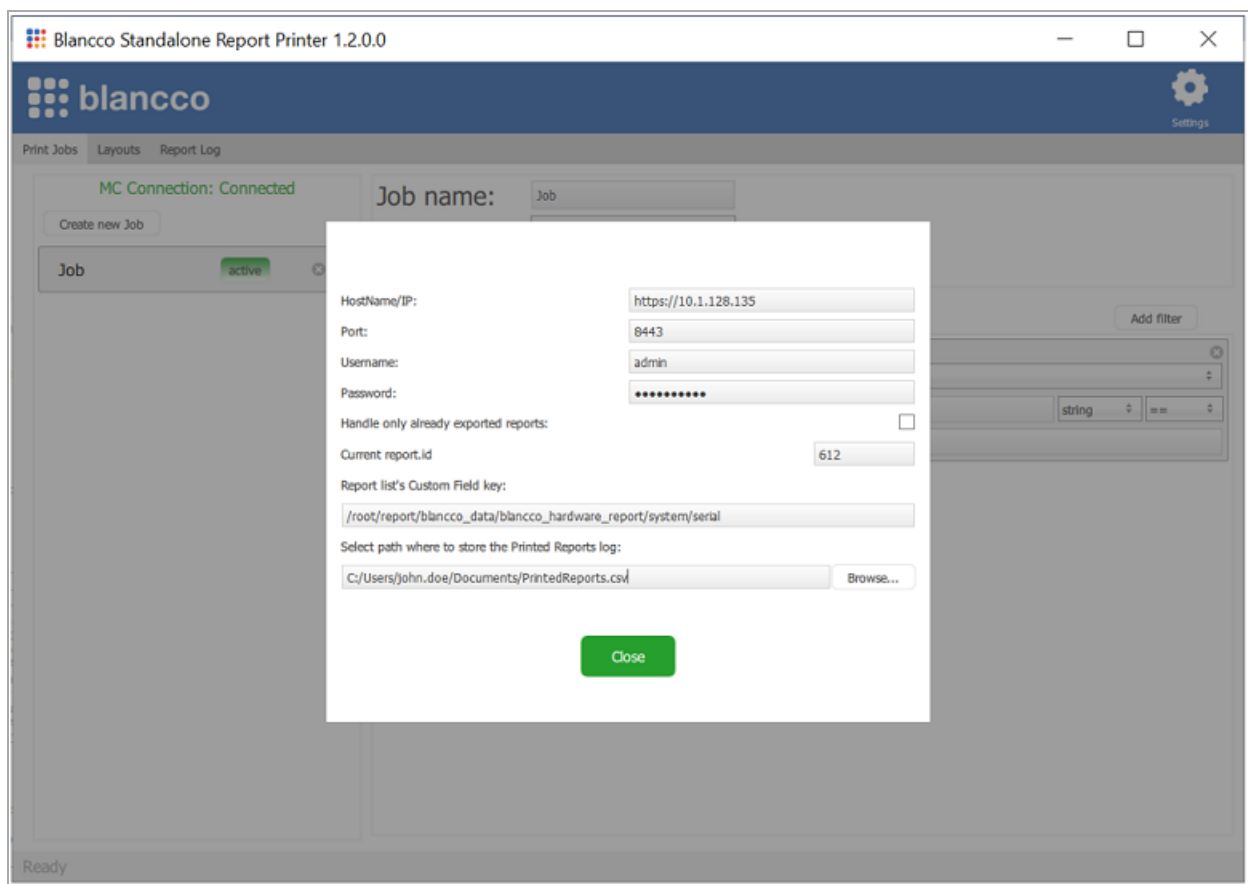
## 2. Setup

This tool is used to print out information from Blancco reports. The program connects to the Blancco Management Console and prints out the reports available in BMC. The program is mainly intended for label printing purposes.

The tool is currently available in Windows and Linux versions.

### 2.1 Configuration

1. Install theBlancco Label Printer tool and run it.
2. Go to settings and configure the BMC connection in the settings:



3. Add hostname, port, username and password.
4. The option "Handle only exported reports" applies to **exported reports**, and you can disable it if you want to print a label for **incoming reports**.

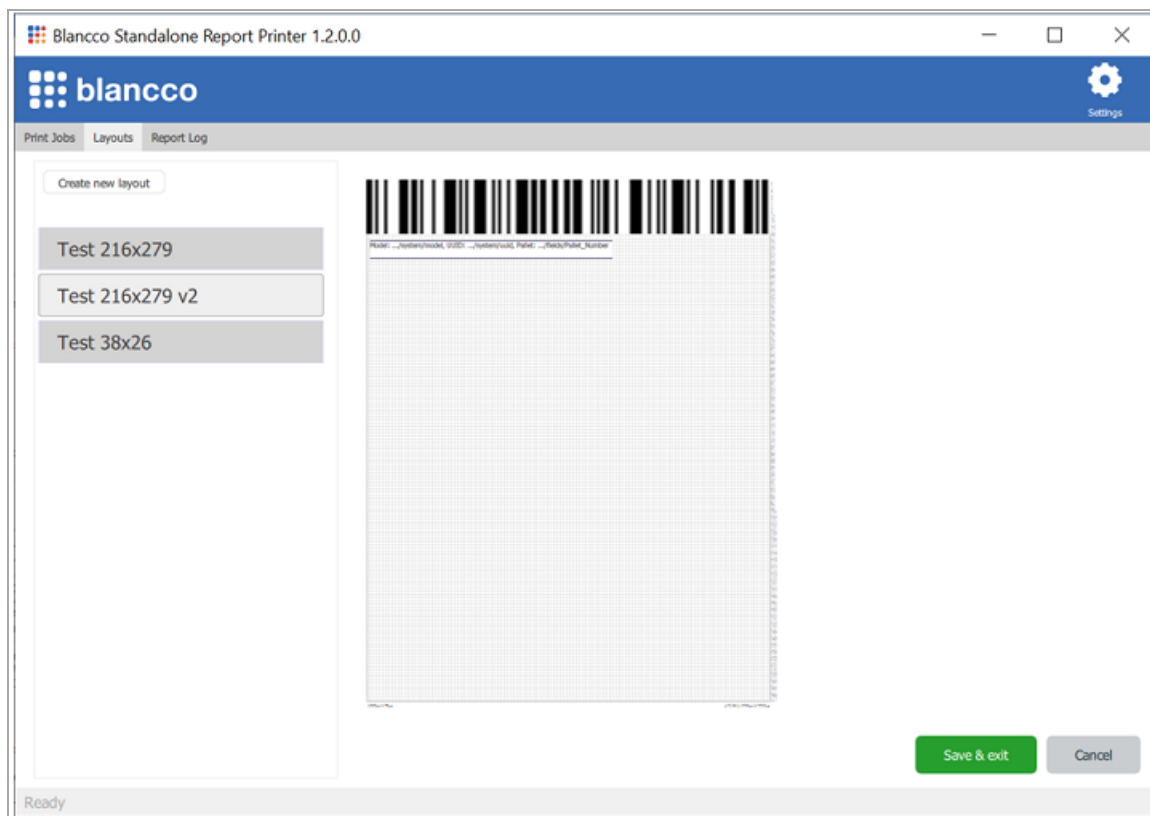
Note: To connect to an on-premises BMC software, you can do it via the following:

- http protocol: hostname = http://[IP address of the BMC] and port = 8080 (this is the http port by default)

- https protocol:hostname = https://[IP address of the BMC] and port = 8443 (this is the https port by default)
- **IF** you are connecting to the Cloud, you need to use https consistently: hostname = https://cloud.blanco.com and port = 443

## 2.2 Creating a Layout

1. Go to Layouts and choose **Create a new layout**.
2. First choose the correct paper size (predefined options, but custom values are also supported) and give a name to your new layout.
3. Click **Start editing** to move on to the layout editor.
4. To edit the layout, right click anywhere on the work area to add a barcode, text, image etc.



### **If you add a barcode:**

a popup will appear with two columns. You can drag and drop one of the values from the "Available barcode content" column into the "Topmost available content" column so that the value in question will be converted into a barcode.

- Most values apply to smartphones, such as IMEI, but some values like System serial are universal to phones, computers etc.
- Free text can also be barcoded. Select "Free text" and enter the value or report field you want to barcode (e.g. inputting `<xmlreport /root/report/user_data/fields/Pallet_Number>` will use the value of the Custom Field "Pallet\_Number")
- Lastly, select the barcode symbology (e.g. code128) and click **"Ok"** to finish.

#### If you add text:

- You can select a specific field from a dropdown button (Model, date...) or add text in a free form.
- For example, you could add the following text: "Model: `<xmlreport /root/report/blanco_data/blanco_hardware_report/system/model>`, UUID: `<xmlreport /root/report/blanco_data/blanco_hardware_report/system/uuid>`, Pallet #: `<xmlreport /root/report/user_data/fields/Pallet_Number>`"  
→ The printed text would look like this: "Model: ABC123, UUID: a1b2c3-d4e5f6-g7h8i9, Pallet #: 5"
- There are additional options available, such as font size or alignment.
- Click **"Ok"** to finish adding text.

Text content:

Below is unformatted text which can be manually edited. Use above dropdown to bring in formats for different texts.

Model: <xmlreport /root/report/blanco\_data/blanco\_data\_report/system/model>, UUID: <xmlreport /root/report/blanco\_data/blanco\_data\_report/system/uuid>, Pallet #: <xmlreport /root/report/user\_data/fields/Pallet\_Number>, AssetID: <xmlreport /root/report/user\_data/fields/AssetID>

Clear

Bold: ☐

Underline: ☐

Alignment:

Elide:

White background: ☒

Show bounding rectangle while editing: ☒

Font size:  24

Model: .../system/model, UUID: .../system/uuid, Pallet #: .../fields/Pallet\_Num

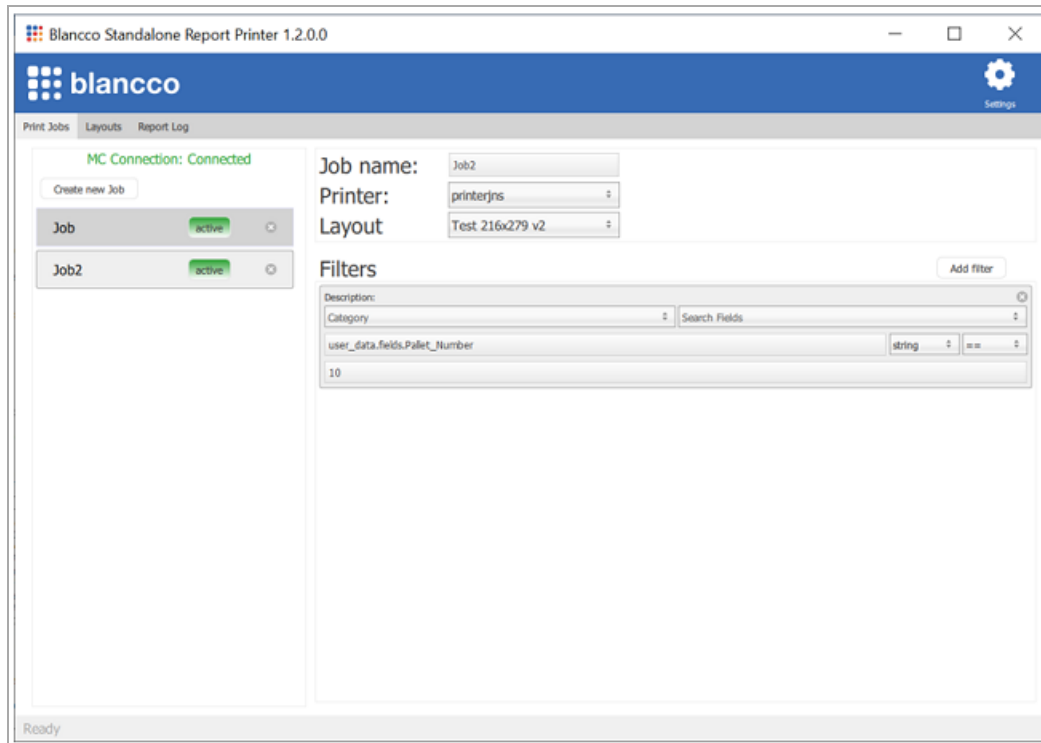
Ok Cancel

4. To finish editing the layout, click "**Save and Exit**".

- You can change the layout anytime by clicking "Edit" on the layout element. You can also manually resize the element by clicking "Properties" in the editor.
- It is possible to create / define multiple layouts based on your needs.

## 2.3 Creating a Print Job

1. To create a print job, click **Create new Job**.



2. Select a printer and a layout. You can also give the job a name.
3. You can add filters to only print certain reports that match the filter criteria. To add multiple filters, click "Add filter" on top right.
4. Once the job is created, the status will be shown in red "inactive" by default. You can change the status to active by clicking on the status icon.
  - By using different filters and/or layouts, you can create multiple jobs and change their activity status.
  - You can monitor the printed reports in the **Report Log**.



### 3. Notes and Troubleshooting

In this chapter, you can find useful tips and information about possible issues that might occur with the current version of the program.

- Custom fields: When using custom fields in the layouts or in the job filters, the names should not include spaces. Use custom fields, such as "Pallet\_Number" or "PalletNumber" and NOT "Pallet Number".
- Exported report flag: If a label is printed, the corresponding report is tagged as "exported" in the BMC (BMC field "Was Exported" set to "Yes"). So take this into account, in case you rely on this field for other report operations.
- Report .id field: The setting "Current report.id" is automatically updated with the ID of the last report that was printed. If this field is updated manually, the following example might happen: If you reset the value to 1, the program will print all the BMC reports matching this filter criteria, so be careful with it.
- IBR Workflows: This tool can be integrated with the IBR Workflows. For instance, the flag to print a report can be a custom field value filled in during the workflow execution ("Create Custom Field" action), but the trigger will be the report sending to the BMC/Cloud ("Send report" action).
- Re-print a label: In case a report label was not printed (e.g. No paper in the printer or printer jammed), there is no direct way of re-printing the label for that report. This can be worked around as follows:
  - Resend a report, for example, through the erasure client user interface. This will trigger a new printing event.
  - Modify the field "Current report.id" in order to re-print a report.
  - If you are using IBR Workflows, you can pop a Question for the operator "Was the label printed?" right after the "Send report" action (that triggers the label printing). In case the answer is "yes" the workflow proceeds (or ends), but in case the answer is "no" the workflow can loop back to the "Send report" action in order to re-send a report and trigger a new printing event.
- Logs and Layout folder: The tool logs its activity (as well as the printed reports) in this directory: "C:\ProgramData\Blancco\BlanccoSupportTool\home\global" (you need to show the hidden files in Windows to see it). Every time the tool is executed, it creates a new file called "BMDEsupport.log" and it keeps track of the 6 previous sessions (BMDEsupport\_1.log to BMDEsupport\_6.log). Also, the layouts are stored in the subfolder "customlayouts" as json files.

## 4. Contact Information

Visit the technical knowledgebase (FAQ) and contact Blancco Technical Support by submitting a technical support ticket at:

<https://support.blancco.com/>

See the instructional videos for Blancco products at:

<https://www.blancco.com/resources/videos/>

For contact information and the latest information about secure data erasure solutions, visit the Blancco website at:

<https://www.blancco.com>

We are always looking for ways to improve our products. Please let us know if you have any suggestions!