Our head office in Karlsruhe, Germany
All information on scopes of delivery, design and technical specifications correspond to the date of the printing. Subject to change. The data provided in the catalog do not represent any warranty or guarantee.

For current data see website
www.cab.de/en/cablabel
cablabel® S3 is a label software, which integrates three functions:

- design
- printing
- monitoring

The software, which was developed by cab, opens the full potential of cab devices during design: An extensive instruction set is available in the intuitive user interface, e.g. different date formats, mathematical or logic functions.

At the same time cablabel® S3 connects all cab marking systems: First you design the label. You decide not until printing whether you want to print on a label printer, a print and apply system or a laser marking system.

Do you want your marking system to print independently of a host system, in the stand alone mode? cablabel® S3 supports you here again: after design the software supplies you with the required data which are stored within the printer for stand alone mode.

cablabel® S3 is of modular design and can be adapted step by step to your requirements: elements like the JScript editor are embedded as plug-in in order to support native programming with JScript. If you change the label in the designer user interface, the display in the JScript viewer is aligned in real time. Special functions like Database Connector or barcode tester can be integrated easily.
**Designer**

In the designer you create the label. The view in the designer corresponds to the print on the label (WYSIWYG, What you see is what you get). You compose text, graphics or bar codes. You insert variable data by functions like date fields, counter or database connections. You adopt the label on your print demands by editing formulas, string formatting or logic commands. The layer technology allows you for example to manage a label for an output on printers with different resolutions: You insert a bar code to several layers an every layer has an assigned resolution. This way, the bar code is automatically printed in the correct resolution. You activate or deactivate the layer by a simple click!

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**Hardware management**

You install the required printer drivers or adopt the adjustment and communication of enclosed devices with the hardware management.

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**Printer Spooler**

The printer spooler indicates the status of all printers, enables printer monitoring and stores interrupted print jobs. New print jobs are automatically added to the waiting queue.
Supported functions

cabelabel® S3 unites functions like native programming and data base connections optimally.

**Direct programming with JScript**

Every cab printer can be directly coded with the simple programming language JScript. cablabel® S3 supports this by import/export functions of native JScript files.

**Database Connector**

This program allows the printer with an additional network connection to interrogate directly a central ODBC-/OLEDB-capable database and to print the data in the label. Simultaneously the printer may write back data to the database while printing. By integration of the Database Connector in cablabel® S3 you establish conveniently the data base connections while creating the label.

**Replace files and integration in SAP R/3**

In cooperation with SAP, cab developed the replace method in order to control the cab printers with SAPScript from SAP R/3. As a Silver Level partner in SAP's Printer Vendor Program, cab has access to the SAP development area for optimum printer support in SAP environments. With the replace method the host computer only sends the data which has to be changed in JScript. cablabel® S3 provides the necessary replace files in combination with the label layout in of software.

* SAP and all SAP logos are trademarks or registered trademarks of SAP SE in Germany and in several other countries.

**abc BASIC Compiler**

As an integrated element of the firmware, the Basic Compiler enables the printer to process data via BASIC programming before it is sent for print editing. That way, you replace external printer languages or integrate data from other systems, e.g. balance or a PLC.

With cablabel® S3 you integrate the required program code easily when creating the label.

---

**J**
---

**H 100**
---

**OR**
---

**T 10, 10, 0, 5, pl020, sample**
---

**B 10, 20, 0, EAN-13, SC2, 401234512345**
---

**G 8, 3, 5, 0, R: 30, 8, 0, 3, 0, 3**
---

**A 1**
---

Job Start
---

Speed [100 mm / s]
---

Orientation rotated by 180°
---

Size of label [100x68 mm, gap 2 mm]
---

Text object/font: Swiss bold, 20 pt
---

Barcode EAN 13; size SC 2
---

Graphic, box 30 x 9 mm,
---

Line weight 0,3 mm
---

Number of labels (in this example 1)
Products

Pro Laser* und Print Laser*
With the laser products you get the function volume according to the Pro product respectively the Print product and additionally the possibility to release content on a laser marking system.

Print Server*
You automate the print processes for the control by external applications like an ERP system via web services (SOAP interface) or file interface (XML, CSV, ASCII) with cablabel® S3 Print Server.
With this product you integrate cab marking systems in your process chain in order to print up-to-date data like measurement or test results in labels.

Viewer
cablabel® S3 Viewer shows the preview of a label in the Windows Explorer. The Viewer may support you for example in approval processes or supplier requirements. The product is delivered free of costs with every cablabel® S3.

* in preparation
Technical data

**cablabel® S3**

System requirements:
- PC with 2 GHz Processor or higher
- 1 GB of free RAM (depending on the system)
- 500 MB of free hard disk space
- 32/64 bit operating system Microsoft®
  - Windows Vista Windows Server 2008
  - Windows 7 Windows Server 2008 R2
  - Windows 8 Windows Server 2012
  - Windows 8.1 Windows Server 2012 R2
  - Windows 10 Windows Server 2016
  - Windows Server 2019
- Terminalserver/Citrix are not supported.
- Administrator rights on PC during installation and activation

---

**Database Connector**

System requirements:
- PC with 2 GHz Processor or higher
- 1 GB of free RAM (depending on the system)
- 200 MB of free hard disk space
- 32/64 bit operating system Microsoft®
  - Windows Vista Windows Server 2008
  - Windows 7 Windows Server 2008 R2
  - Windows 8 Windows Server 2012
  - Windows 8.1 Windows Server 2012 R2
  - Windows 10 Windows Server 2016
  - Windows Server 2019
- Supported data bases: MS ACCESS, MS SQLServer, Oracle, Dbase and ODBC connections
- Printer with X2 main board or higher

---

**Art. No.** | **Designation** | **License**
--- | --- | ---
5588000 | cablabel® S3 Lite | gratis
5588009 | cablabel® S3 Demo | gratis
5588001 | cablabel® S3 Pro 1 WS | softkey
5588100 | cablabel® S3 Pro 5 WS | softkey
5588101 | cablabel® S3 Pro 10 WS | softkey
5588150 | cablabel® S3 Pro 1 additional licence | softkey
5588151 | cablabel® S3 Pro 4 additional licences | softkey
5588152 | cablabel® S3 Pro 9 additional licences | softkey
5588002 | cablabel® S3 Print 1 WS | softkey
5588105 | cablabel® S3 Print 5 WS | softkey
5588106 | cablabel® S3 Print 10 WS | softkey
5588155 | cablabel® S3 Print 1 additional licence | softkey
5588156 | cablabel® S3 Print 4 additional licences | softkey
5588157 | cablabel® S3 Print 9 additional licences | softkey

**In preparation**
- cablabel® S3 Print Server
- cablabel® S3 Pro Laser
- cablabel® S3 Print Laser

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**Versions**

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<td>cablabel® S3 Demo</td>
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</tr>
<tr>
<td>5588001</td>
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**In preparation**
- cablabel® S3 Print Server
- cablabel® S3 Pro Laser
- cablabel® S3 Print Laser

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**Products**

**Technical data**

**cablabel® S3**

System requirements:
- PC with 2 GHz Processor or higher
- 1 GB of free RAM (depending on the system)
- 500 MB of free hard disk space
- 32/64 bit operating system Microsoft®
  - Windows Vista Windows Server 2008
  - Windows 7 Windows Server 2008 R2
  - Windows 8 Windows Server 2012
  - Windows 8.1 Windows Server 2012 R2
  - Windows 10 Windows Server 2016
  - Windows Server 2019
- Terminalserver/Citrix are not supported.
- Administrator rights on PC during installation and activation

---

**Database Connector**

System requirements:
- PC with 2 GHz Processor or higher
- 1 GB of free RAM (depending on the system)
- 200 MB of free hard disk space
- 32/64 bit operating system Microsoft®
  - Windows Vista Windows Server 2008
  - Windows 7 Windows Server 2008 R2
  - Windows 8 Windows Server 2012
  - Windows 8.1 Windows Server 2012 R2
  - Windows 10 Windows Server 2016
  - Windows Server 2019
- Supported data bases: MS ACCESS, MS SQLServer, Oracle, Dbase and ODBC connections
- Printer with X2 main board or higher

---

**Technical data**

<table>
<thead>
<tr>
<th>Versions</th>
<th>Lite</th>
<th>Pro</th>
<th>Print</th>
<th>Print Server</th>
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<td>Printing labels</td>
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<td>JScript code viewer</td>
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<td>Unicode support</td>
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<td>Wizard-based user interface</td>
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<td>Background image or color</td>
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<td>Counter</td>
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<td>Decimals formatting</td>
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<td>Multiline, paragraph</td>
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<td>(e.g. for highlighting allergens)</td>
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<td><strong>Database functions</strong></td>
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<td>Multiple tables and databases</td>
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<tr>
<td><strong>Import/export functions</strong></td>
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<tr>
<td>Export to PDF</td>
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<td>■</td>
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<td><strong>Printing functions</strong></td>
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<tr>
<td>Interfaces: serial, parallel, USB, Ethernet, WLAN</td>
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<td>Bidirectional communication</td>
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<td>Windows printer</td>
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</tbody>
</table>

---

1. In preparation
2. Except barcodes with assistant
3. Specific version
4. Depending on printer model and used port
5. Run queries only
6. Depending on license
Additional tools

Administration Network Manager
The cab Network Manager enables you to control multiple printers across a network simultaneously. It supports monitoring, configuration, firmware updates, memory card administration, file synchronization and PIN administration centrally.

System requirements:
32/64 bit Microsoft® Windows®
Windows Vista    Windows Server 2008
Windows 7        Windows Server 2008 R2

<table>
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Printer drivers

WHQL certified Windows printer drivers 32/64 bit
Our printer drivers are officially accredited and signed by Microsoft. They offer highest stability on your Windows operating system. The drivers are delivered with your printer and comply with
Windows Vista    Windows Server 2008
Windows 7        Windows Server 2008 R2
Windows 8        Windows Server 2012
Windows 8.1      Windows Server 2012 R2
Windows 10       Windows Server 2016
Windows Server 2019

Microsoft® is a registered trademark of Microsoft Corporation.

Apple Mac OS X® driver
We also offer a CUPS based printer driver for programs using Mac OS X (version 10.6 or newer).
For download at [www.cab.de/en](http://www.cab.de/en)

Mac OS® is a registered trademark of Apple Computer, Inc.

Linux driver 32/64 bit
We also offer a CUPS based printer driver (version 1.2 or newer) for programs using Linux.
For download at [www.cab.de/en](http://www.cab.de/en)

1) Only with printer series A+ (with the exception of A4+/T), EOS, MACH4, Hermes*, PX and SQUIX.
cab product overview

- **Label printers**
  - MACH1, MACH2
  - EOS 2
  - EOS 5
  - MACH 4S
  - SQUIX 2
  - SQUIX 4
  - SQUIX 6.3
  - A8+
  - XD4T
  - XC

- **Print and apply systems**
  - Hermes C

- **Tube labeling systems**
  - AXON

- **Print modules**
  - PX Q

- **Labels and ribbons**

- **Label dispensers**
  - HS, VS

- **Labeling heads**
  - IXOR

- **Marking lasers**
  - XENO 4

- **Label software**
  - cablabel S3

- **Laser marking systems**

For product information see [www.cab.de/en](http://www.cab.de/en)
Headquarters and fabrication in Germany

to International subsidiaries

There are further 820 distribution partners in more than 80 countries.