

<The machine for virtualizing lab prints>

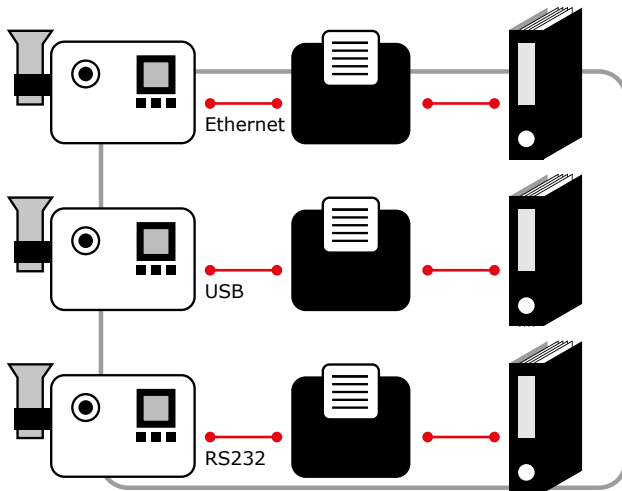


SOCePRINT

VIRTUALIZING LAB PRINTS

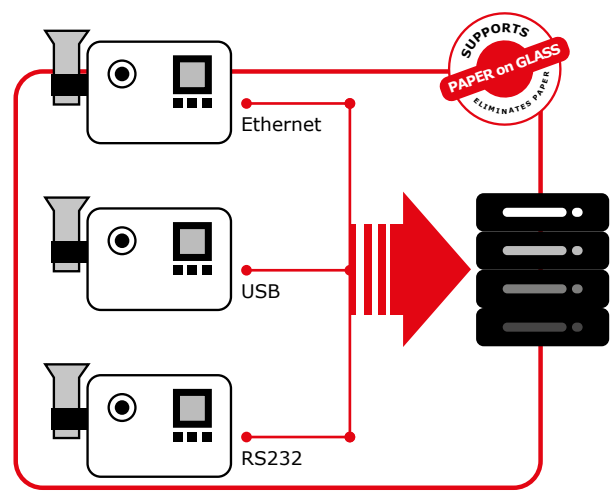
SOCePRINT – replaces old print technology with PDF and machine readable data

Traditional lab system



- Each system has one printer.
- Thermo-, Matrix- or Laser prints
- Manual handling and lots of maintenance
- Dust in the room from prints

Smart upgrade to **paperless** lab system



- Electronic print converted to PDF/A-3b
- Store electronic print on domain/GxP share

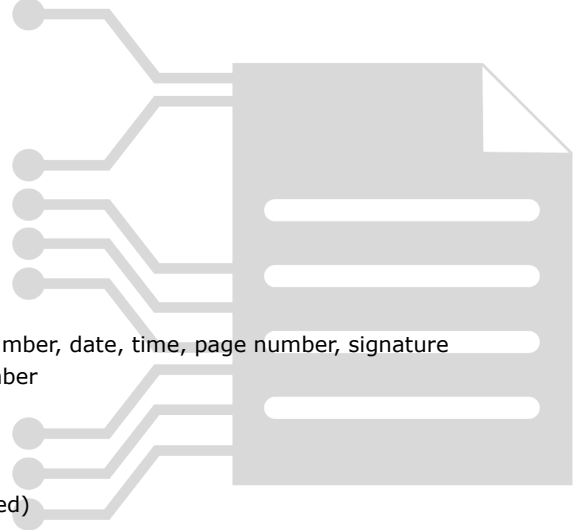
Typical use cases

- The device is used in a laboratory where e.g. a scale is used. Instead of the scale being connected to a thermal printer, the user presses print, and the SOCePrint grabs the print and asks for credentials for signing and saving the print as a PDF/A on the GxP share.
- Another example of usage could be a chromatograph where the result is desired to be automatically placed in Veeva Vault®. The user simply uses the chromatograph in the ordinary fashion and upon completion presses the print button, thereafter the SOCePrint uses an equipment login to place the PDF/A on Veeva Vault®.
- In security a printer logging the access to the server room is replaced with SOCePrint and the logging is amended to the PDF/A log, which is placed on the security drive on a defined interval.



Key features

- Technically compliant to regulatory requirements
- Easy to qualify
- Supports file shares
- Supports domain security
- General security considerations and test available
- Supports valid data transfer with audit trail
- Supports machine and human readable data
- Ensure data integrity via PDF/A format
- Easy setup/configuration
- Machine readable data embedded in PDF/A file
- Can create sub-dirs. on a share, sort by date
- Ability to auto sign documents with certificate
- Auto print (act like a printer)
- Supports meta data (e.g. instrument ID)
- User Interface where you can add batch number, ID number, date, time, page number, signature
- Barcode scanner support for scanning batch or ID number
- Eliminates paper and supports "Paper on Glass"
- Email captured print
- Can interface via USB, RS232, Ethernet
- Can also interface via WiFi (WiFi can be entirely disabled)



What we can deliver

- Ability to integrate to Veeva Vault® + LIMS
- Analysis and development of new protocols
- Native support of ASCII, PCL and Postscript
- Support of additional protocols as they become available
- Help to installation
- Qualification services

Deliveries

We can deliver support with installation and validation of SOCePrint installations. Standard deliveries are:

- 1 set of standard documentation for the device (internal SOC test).
- Documentation of standard security challenge test (can in addition be done in collaboration with customers IT security dept.).
- A suggested technical procedure for how to perform an installation validation.
- An installation validation template for further installation and validation.

Standard validation of the system is based on a printout from the original setup, and comparison to the PDF print. Other validation methods can be applied, based on T&M.

Disclaimer

The SOCePrint is developed and documented by Stage One Computing A/S. Stage One Computing A/S have all the copyrights of the tool and the documentation. Stage One Computing A/S owns all the intellectual properties in the entire lifetime of the tool, without limitation.

Stage One Computing A/S has provided this program intended for virtual line printing. The program is intended for use within a GxP regulated area, but is provided as a "qualify yourself" application/tool.

This means that Stage One Computing vouches for the functionality, and has tested the application under IT laboratory conditions. It is however the responsibility of the end-user of the application/tool to validate the tool/installation in the end-users IT set-up/IT- architecture.

