



A Network Print Server

BENS is a high-performance, flexible and scalable network print server facilitating various different workflows through the employment of filters and plugins.

The new BENS G4 Turbo Server is equipped with more memory (8GB RAM), a larger SSD drive (64GB) and faster processors (Intel QuadCore 2.4GHz). This allows BENS G4 Turbo to process the used plug-ins more quickly, as well as an even more flexible use of complex workflows.

Flexible through optionally employable Filters and Plugins

Through the employment of configurable filters, different workflows can, in parallel, be defined for different applications as, for example, for the printing of letterheads and GTCs, the automatic creation of document copies or the paper change through controlling the paper input trays. Some filters replace hardware modules, that otherwise would have to be installed into the printers, for example the Barcode, Unicode or Prescribe filters. With Plugins additional conversions can be performed or further spool managements implemented

Failsafe

BENS is failsafe, offering an utmost grade of system stability through the in-house development of the Master/Slave conception. In case of failure of the master server the slave server automatically takes over procedures without any interruption of the running productive operation. Through the employment of the Master/Slave solution, filters only have to be licensed once for the master server.

Scalable

With the cost-effective hardware version of the server up to 50 printers can be operated. The hardware version can also be migrated to a virtual BENS server. In a virtual environment an unlimited number of printers can be operated. BENS is available as a virtual server for VMware®, Xen and Microsoft Hyper-V.

Versatile

The BENS user group includes major companies as well as mid-size businesses and small enterprises with only a few or even just one printer.

Main Features

- Network Print Server
- Protocols: LPR, SMB, Socket, IPP, SNMP, DHCP, IPDS
- Configuration via the BENS WEB-Interface
- Simple backup and restore system
- Many function filters applicable
- Different filters per workflow usable (cascading)
- Available as hardware or virtually for VMware®, XEN and Hyper-V
- Hardware version without movable parts (no fan, SSD hard disc)
- Failsafe through Master/Slave system

Specific Advantages

- Plug-and-play Enterprise for SAP®-systems and other applications
- Attractive and cost-effective solution for workflow printing
- Easy integration into existing environments
- Scalable through re-loadable filter licenses
- Migration from hardware server to virtual possible
- Long-term investment security through relation with the PCL-standard

BENS

Print Server for Printing Process



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Barcode Filter

Enables standardised printouts of barcodes, e.g. from SAP® systems.

Unicode Filter

Enables printing non-Latin characters, as for example Cyrillic, Kanji or Thai. Chiefly in operation with users of various ERP-Systems (e.g. SAP®).

Prescribe Filter

Converts data created with the printer language PRESCRIBE for Kyocera® printers, in standard PCL print data.

DataCompress Filter

Compresses printer data up to factor 1:8 for cost-effective transmission via WAN-routes, e.g. from Europe to China.

OCR-A/OCR-B Filter

Provides the fonts OCR-A and OCR-B.

Font Filter

Uses BENS as a common printer memory in which fonts can be saved and used for all printer types.

Macro Filter

Enables printing macros / overlays together with application data, also without interfering into existing applications. Examples are letter templates, logos, GTCs, etc.

CarbonCopy Filter

Creates copies of print documents. Optional settings enable the selection of the copy type (carbon copy or whole documents), the input trays for single copies as well as the type of post processing (e.g. stapling).

CleverPrint Filter

Encourages economic and ecologic printing through forcing duplex, black/white and ECO-printing, also when other users have made different settings on the printer driver.

SplitSpool Filter

Separates spool files into several print jobs so that they can be processed singly (e.g. stapled or enveloped).

MergeJobs Filter

Assembles several different print jobs into one single print job.

PrintToBox Filter

Supports printing into electronic printer boxes from systems offering no such selection (e.g. SAP®).

Mobile Printing

Supports printing via BENS from IOS® devices such as iPhone® and iPad®, with a corresponding configuration also beyond subnets.

Follow me Functionality

Printouts are stored on BENS and can be picked up by user at the printer of their choice. The authentication occurs via the panel of the chosen devices or via mobile device like iPhone®.

IPDS- and AFPDS Printing

Print jobs can be received directly from an IBM-Host via IPDS or AFPDS port. The received data will be on-the fly converted to PCL so that they can be printed out on a industrial standard printer.

