



The BENS Server, a modern Output Management System, is based on a Linux kernel and has been fully developed by Suchy MIPS GmbH. With its versatility and scalability, the BENS Server provides an efficient solution for companies of various sizes in the field of digitization and digital document processing. The server ensures that your printing processes run smoothly, keeps you informed about the current status of document processing at all times, and protects your company from costly downtimes. This article aims to give you an overview of the features, possibilities, and potentials of this BENS Server.

Applications of the BENS Server

The BENS Server can be used not only as a print server but also as a powerful output management system. This versatility allows companies to meet various requirements in the areas of print jobs, document management, and printer management.

BENS Server Management: An Easy and Intuitive Experience

A central component of the BENS Server is administration, made possible through an extremely comfortable and intuitively designed web interface. This is not just a simple management interface but an elegant and user-friendly portal that runs in the browser, providing control over the server, queues, printers, hot folders, plugins, etc. User-friendliness extends across all aspects of server management, from server configuration to fine-tuning output options – every step has been carefully considered and optimized for efficiency and user-friendliness.

Support for Various Input and Output Channels

The BENS Server supports all common input and output channels, including Port 515 (lpr), Port 9100 and higher (raw), Hotfolder (shares), IPP, email, and more. This flexibility facilitates integration into existing networks and systems.

Virtualization and Scalability

The BENS Server is available as a virtual machine by default for VMware and Microsoft HyperV environments. Upon consultation with our technical support team, installations on other virtualization platforms, such as KVM, are also possible. Administrators have the ability to adjust RAM, disk space, and the number of assigned processor cores as needed, enabling optimal resource utilization.

Unlimited Queues and Plugins

The virtual BENS Server can set up an unlimited number of queues. Plugin support allows configuring the functionality of each queue individually. Plugins are applications that perform various tasks, such as barcode printing, overlay printing, watermarks, digital page copies, and conversion functions, such as Prescribe to PCL, PCL and Postscript to PDF, and more.

Failover and Load-Balancing Modules

The Failover and Load-Balancing modules of the BENS Server are particularly popular among users. The Failover module ensures automatic printer switching in case of defects or paper jams, while the Load-Balancing module enables the even distribution of print jobs across multiple printers.

Trial Version

To gain firsthand experience with the BENS Server, you can now download a trial version from the Suchy MIPS homepage: www.suchymips.de/en/downloads Here, you have the choice between two virtualization options: one for VMware and one for Microsoft HyperV. If you are using a different virtualization platform or prefer to test the BENS hardware appliance, please contact our technical support team. Explore the established and innovative realm of the BENS Server, and discover its powerful features and capabilities to optimize your IT infrastructure.

BENS Hardware Variant: BENS G4 Turbo

For smaller environments with around 50 printers, a hardware appliance is available – the BENS G4 Turbo. This server eliminates moving parts and provides a reliable solution for printing needs in small offices or practices.

Optimize Your Production Processes with BENS PP Spool: Custom Print Control for Operators

For operators of production machines, we offer the comprehensive solution – BENS PP Spool – an efficient solution that provides operators with extensive information about incoming print jobs on various queues. With BENS PP Spool, operators can choose the input queue, output printer and timing according to their requirements.

Especially for extensive print jobs or the mass processing of smaller documents such as invoices, delivery notes, letters, etc., BENS PP Spool offers the operator many management options. These include features such as the selection of document groups based on criteria defined by the operator and the ability to reprint individual pages or specific page ranges. Equipped with numerous functions, such as monitoring production machines, BENS PP Spool significantly facilitates the operator's tasks.

Learn more about the diverse capabilities of BENS PP Spool at: www.suchymips.de/en/products/printserver-for-productive-printing Optimize your production processes and enable your operators precise and efficient control over print jobs.

Compatibility and Efficiency for Diverse Requirements

The BENS Server ensures comprehensive compatibility and effortlessly handles a variety of print job types, including formats like PCL5, PCLXL, Postscript, PDF, and ZPL. This impressive range allows companies to flexibly respond to diverse requirements in the printing environment. Furthermore, the BENS Server, through special plugins, offers seamless integration for label printing on printers from various renowned manufacturers. Whether it's Zebra, Epson, Toshiba, or other manufacturers – with tailored BENS plugins, label printing becomes an efficient and precise matter. Companies can trust not only in a wide range of print formats but also ensure that the BENS Server seamlessly integrates into the existing printer landscape.

Customized Solutions for Individual Requirements

Suchy MIPS GmbH goes beyond standard solutions and offers individually tailored plugins that precisely meet the specific requirements of our customers. Some of our success stories and interesting examples of customized plugins can be found on our homepage at:

www.suchymips.de/en/about-us/case-studies Experience the diversity of custom solutions and see how Suchy MIPS implements requirements and develops unique and effective plugins that perfectly fulfill your individual needs.

BENS Server Deployed Worldwide: A Success Story in Diversity

The BENS Server has already recorded thousands of installations worldwide and impresses both in small offices and practices as well as in medium-sized businesses and large global players. Numerous renowned companies have chosen the BENS Server as their print server or output management solution. Among these companies are major players such as Mahle, E.ON, HiPP, Knorr, HeidelbergCement, Knorr-Bremse, Hella and many more, who have selected the BENS Server as a reliable and powerful solution for their specific requirements. This is just a glimpse of the broad acceptance and success of the BENS Server in the international market.

Optimal Print Management with the BENS Server: SAP Integration and Certifications

The BENS Server provides an outstanding solution for receiving and forwarding print jobs from various systems such as Windows, SAP, and others. For printing through the BENS Server, SAP systems have the choice between connection types "U" (Berkeley Protocol) or "E" (external output management system). The BENS plugin "BENS OMS" has been certified by SAP specifically for use with connection type "E". The certificate, providing insight into the quality and conformity of the plugin, can be viewed at the following link: www.suchymips.de/en/products/sap-certified-oms BENS OMS has been fully implemented according to the SAP BC-XOM specification and supports both the command-line interface and the polling as well as callback interfaces for optimal adaptation to individual requirements.

Extension for Printer: WEB-Based Printer Management in the SAP System

In addition to the certification of the "BENS OMS" plugin, the "OMS/XOM Extension for Printer" from SAP has also received certification from SAP. The implementation of this function is in the form of the web-based application "BENS-WEB-OMS," which enables particularly convenient management of the entire printer landscape of SAP systems. With these integrations and certifications, the BENS Server offers a top-notch solution for sophisticated print management and seamless SAP integration. The main features of the Extensions for Printer include:

- All printers in SAP systems can be managed through a convenient WEB interface.
- Configurations, extensions, and changes can be simultaneously transferred to multiple SAP systems with a single click.

Highest Stability and Reliability: The Unique Master/Slave Concept of the BENS Server

The BENS Server is characterized by its impressive stability. Should a challenge arise, the unique Master/Slave concept of Suchy MIPS guarantees outstanding reliability. The concept is based on two BENS Servers operating simultaneously in the network, with the Master taking on the primary productive role. In the event of a failure of the BENS Master, the BENS Slave automatically and seamlessly takes over the workload. Simultaneously, the administrator is promptly informed of the incident via email. Once the issue is resolved, the Master smoothly returns to normal operation. This innovative solution ensures not only continuous availability but also a rapid response to any disruptions, providing the BENS Server with outstanding reliability in every operational situation.

Security and Updates: Our Commitment to Your Protection

At Suchy MIPS, the security of the BENS Server is a top priority. The server is regularly checked for potential security vulnerabilities using renowned tools such as Nessus. In case of discovering a security vulnerability, an update is promptly prepared and made available to all customers with maintenance service free of charge. This ensures that your system is always up to date and protected against potential threats. Updates can be applied in most cases without interruption of operations. To provide our customers with maximum control, we install various agents on the BENS Server, allowing them to independently scan the system. This proactive approach helps detect and address potential security risks early on. The development process of the BENS Server never stands still. Suchy MIPS continuously works on implementing its own innovations and addressing customer requirements of general interest. This ongoing development cycle ensures that the BENS Server not only meets current standards but also satisfies future demands.

Contact Us for Comprehensive Support on Your Project: Trial Installation and Top-Class Remote Support

Would you like to clarify further questions or receive support in realizing your project? Do not hesitate to contact us! We are happy to offer you a trial installation during which you will be remotely supported by our outstanding support team. During this testing phase, we provide not only comprehensive information and resources but also guarantee dedicated assistance from our competent support team. Your satisfaction is our top priority. More information about our services and solutions can be found on our homepage at www.suchymips.de/en. We look forward to helping you with your project and achieving success together!