

LOFTWARE PRINT SERVER®

Centralizes label printing management from design to label print job creation and printing.

Centralized Control for Enterprise Label Printing

The Loftware Print Server is a server-based software solution for managing and processing label print requests from corporate applications. It is available in Starter, Standard and Premier Editions. The Loftware Print Server is a highly scalable system that is designed to handle label print requests targeted to hundreds or thousands of printers. The Loftware Print Server can be deployed in enterprise architectures to support load dividing, fault tolerance, and automatic failover to assure continuous high volume label production.

Business-critical applications can off-load resource-intensive barcode label printing and RFID smart label encoding to the Loftware Print Server which translates label print requests into printer specific language before sending them to the printers. This eliminates the need to write and maintain costly device-specific code to attain optimum application and printer performance.

Control and Compliance without Coding

The Loftware Print Server links business-critical applications such as Enterprise Resource Planning, Supply Chain Management, and Warehouse Management Systems to the label printing infrastructure to solve the 'Last Mile Connectivity' problem. Loftware's products support connectivity to the broadest range of applications including SAP®, Oracle®-Based Applications, and a large array of legacy systems and third-party software packages. Loftware is committed to protect legacy and future investments in the technology that drive your business. The Loftware Print Server delivers uniform control of the print process, from design through production, on a wide range of otherwise incompatible printers. Advanced management tools also allow IT professionals to monitor their entire network of printers.

Server Management

The Loftware Print Server Premier Edition features advanced administration tools that enable organizations to centralize operations for increased control and lower maintenance costs. These include E-Mail Alerts

for system and printer notifications, a Status Client for monitoring the Loftware Print Server and its associated printers, utilities for system troubleshooting, and the ability to add and change labels without effecting the business applications generating label print requests.

Integration and Compliance

The Loftware Print Server supports a high level of integration:

- Industry-standard Loftware Web Services™
- Browser-based On-Demand-Print Loftware WebAccess™
- ASCII file (.XML, .CSV, .PAS) via a File Drop

With the Loftware Print Server, companies can readily adhere to the product (retail unit), container (trade unit), and/or shipment (logistics unit) label standards established by Government Regulatory Agencies (such as the U.S. Department of Defense), International Standards Bodies (e.g. GS1, EAN International, UCC, etc.) Industry Trade Groups (e.g. Automotive Industry Action Group, Health Industry Business Communications Council, etc.), Third Party Logistics and Shipping Companies (FedEx, DHL, UPS, etc.), and Strategic Business Partners (e.g. the major automotive manufacturers such as GM, Ford, Honda, Toyota, Delphi and retailers including Wal-Mart, Target, Sears, JC Penney, etc.).

Reliability and Performance

Built to meet the heavy demands of business-critical application environments, the Loftware Print Server delivers 24/7 mission critical availability with:

- Multi-processor support with load dividing between Loftware Print Server processors
- Fault tolerant (failover) support for multi-server clustering (Loftware Print Server Premier Edition only)
- Error recovery and event logging
- Full Audit Trail for archiving label requests
- Disaster recovery configurations available

LOFTWARE PRINT SERVER (LPS)

PRODUCT FEATURES

- Centralizes control of the label printing function
- Ensures fast and reliable label production
- Prints thousands to millions of labels per day
- Enables label data integration from more than one application and/or database with the Loftware Connector®
- Provides new labels to meet growth opportunities now
- Quickly delivers updated labels to changing business requirements
- Assures compliance with strategic business partner and/or regulatory agency label requirements
- Multiple print requests are queued for each target printer with full error recovery and guaranteed delivery
- High-Speed TCP/IP Socket connectivity with Loftware Print Servers results in the rapid processing of label print requests and high label production throughput
- Translates label print request into device-specific printer control language in order to deliver optimal label printer performance
- Critical Print Status information available on a per job basis

Label Design

The Loftware Label Manager design tool comes standard with every edition of the Loftware Print Server.

System Requirements

The Loftware Print Server will run on any of the following supported Operating Systems: Microsoft Windows XP Professional, Microsoft Windows 7 Professional, Microsoft Windows 2003 Server, Microsoft Windows 2008 Server, Microsoft Windows 20083 Server R2.

The Hardware Requirements for a Loftware Print Server vary with the product version (Starter Edition, Standard Edition or Enterprise Edition). Other factors influencing hardware requirements include whether the hardware server platform running the Loftware Print Server is a dedicated machine or is running multiple applications. The Loftware Print Server is a multi-threaded application that is written to take advantage of multi-processors on Microsoft Windows 2003 Server or later machines, therefore, the greater the number of processors on the system, the better it will perform. Loftware recommends a minimum processor speed of 2.6 GHz. for business-critical label production. The number of printers being supported by an individual Loftware Print Server (up to a maximum of 499 printers) will also affect performance – the more printers and the resulting larger print queues, the more system memory will be used. Loftware recommends a minimum memory configuration of 2 GB of RAM for business-critical label production.

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