

Migration Paths for LLM on Terminal Server or Citrix

Migration options for Loftware customers with Terminal Server seat licensing

Overview

On February 7, 2007, Loftware discontinued selling Terminal Server seats for Loftware Label Manager (LLM) applications. With this comes the end of support for LLM concurrent client licensing on Terminal Server or Citrix. While this server-centric licensing and configuration model was an advantage to IT/IS departments, it hindered growth to scalable application-driven printing solutions. Customers with this licensing solution are encouraged to move to a supported licensing solution.

This white paper describes the optimal migration option for customers with Terminal Server seat licensing - upgrading to Loftware Print Server.

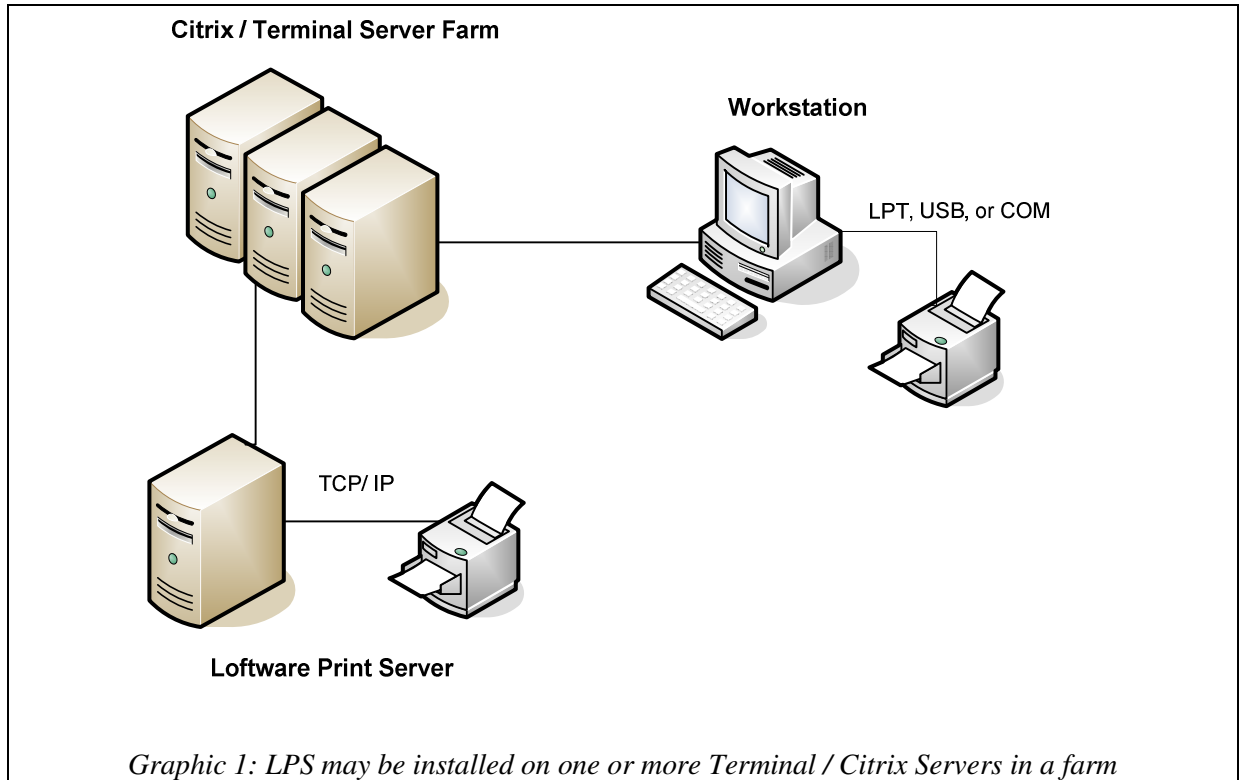
Upgrading to Loftware Print Server

The benefits to upgrading a LLM on Terminal Server implementation are extensive. These include:

- Server-centric licensing and file management - All product marking in an area, building, or enterprise can be controlled from a centralized server on the network.
- Phased-in solutions enable scaling when you need it (On Demand Print, Custom UI, Host-based or Internet)
- LPS servers may be clustered together for fail safe redundancy.
- Scalability from Small Business to Enterprise - LPS can adapt to your product-marking requirements, whether you are printing one hundred or one million barcode labels a day.
- On-Demand Print Client with LPS is compatible with Terminal Server and Citrix but does not require them.
- Expansion into use of RFID printers and readers today or when desired
- Centralized control of available and compliant labels
- Powerful printer management and monitoring controls
- Fail-over and redundancy options that were not available to plain LLM implementations
- State of the art software suite for label control and production

With major improvements to LPS that have made it even more robust, easier to configure and maintain, Loftware recommends LPS for all its customers in a shared environment.

For growth beyond Design / Print, LPS can be set up on an existing Application Server. For solutions in a Citrix / Terminal Server farm, LPS may be installed on one or more of the servers or on a remote server outside the farm. This is illustrated in Graphic 1.



Graphic 1: LPS may be installed on one or more Terminal / Citrix Servers in a farm

This configuration can be detailed as follows:

1. Loftware Print Server is installed on a Terminal / Citrix Server or a separate application server.
2. On-Demand Print Client (LLMWCInt.exe) is installed / published on each Terminal / Citrix Server.
3. A Workstation connects to 1 of 3 servers, runs On Demand Print Client (llmwclnt.exe) which creates a report file on the LPS server. This uses one client seat per computer name.
4. On-Demand Print Client outputs a .pas file to the LPS Server. LPS receives data from Client, converts data to printer or RFID reader language, and sends it to the device (printer or reader).

The same LPS can process print requests from a Loftware Connector, another Loftware Client, or a custom Socket or File drop solution at the same time.

5. While TCP/IP printing has significant advantages for an enterprise (as shown), printers may be connected via TCP/IP, parallel port (LPT), USB port, or serial port (COM) either directly from the LPS, on a PC networked to the LPS, or to a PC connected to the LPS via a Web Connection.

For mission-critical environments, Loftware recommends a failover solution that can be accomplished with a Backup, Live, or Cluster server. (Refer to the LPS User's Guide for more information.)

Conclusion

If you are currently running Loftware Label Manager (LLM) applications on Terminal Server or Citrix and wish to migrate to a supported solution, upgrading to Loftware Print Server provides the most advanced solution to the product-marking and printing needs of any enterprise, large or small. LPS is designed to grow with advancements in technology and platforms.

Fortunately, there are many configurations for connecting Loftware Print Server to your network. By basing your marking solutions on an LPS, you are open to a large number of options that were previously unavailable. Loftware's Professional Services Group can help in customizing your solution and provide information on a "right-fit" configuration. For more information, please contact your Loftware Sales Representative or Loftware Customer Service at customerservice@loftware.com.

LOFTWARE, INC.

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