Print Manager Plus 2010

Requirements and Recommendations

Print Manager Plus 2010 is a software based solution, it is designed to be installed and run from a Windows Print Server. The following requirements and recommendations will assist in ensuring the software is properly implemented within your network environment.

Hardware and Software Requirements

The following outlines the system requirements required for installing on a Windows Print Server.

Print Manager Plus 2010 Server Install	
Supported Operating Systems	• Microsoft Windows 2000 Server/Workstation • Microsoft Windows 2003 Server (Standard, R2, x64) • Microsoft Windows 2008 Server(Standard, R2, x64) • Microsoft Windows XP Professional (Standard, x64) • Microsoft Windows Vista (all service packs) • Microsoft Windows 7 (all versions)
Hard Drive Storage	• Default Installation - 150 MB • Installation with Microsoft SQL 2005/2010 – 335 MB • 5 GB free space recommended for spooling print jobs
Processor	• Intel Pentium 4 and greater or compatible • 64 bit Processors fully supported
Random Access Memory (RAM)	• 2 GB RAM Recommended
Application Support	• Supports Microsoft Clustering Services • Supports Citrix and Terminal Services Environments.

Agents and Options System Requirements

System requirements for each Agent and Option available for Print Manager Plus 2010.

Agents and Options	Requirements
Remote Administrator	• Microsoft Windows 2000/XP/Vista/7 Workstation • 150 MB Hard Drive Space
End User Inquiry Tool	• Microsoft Windows 2000/XP/Vista/7 Workstation • 4 MB Hard Drive Space
Workstation Connected Printer Agent	• Microsoft Windows 2000/XP/Vista/7 Workstation • 5 MB Hard Drive Space

Installable Database Options

Listed is each database option available with recommendations of when each is appropriate.

Database Type	Recommended For
Microsoft Access	• Small Networks, Labs and Libraries • Printing Less than 750 Print Jobs Per a Day • Single Windows print server • Less than 5 Workstation Agents
Microsoft SQL 2005 Express	• Small to Medium sized networks, Labs and Libraries • Printing Less up to 10,000 print jobs per a day. • Single Windows Print Servers • Up to 125 Workstation Agents
Microsoft SQL 7.0/2000/2005	• Medium to Large networks • Printing unlimited jobs per a day • Single or Multiple Windows Print Servers • Unlimited Workstation Connected Printer Agents

Network Infrastructure Requirements

Print Manager Plus 2010 is designed to track, quota and restrict printing in a Microsoft Windows Active Directory environment or in a Windows Workgroup setup. Its design assumes that print jobs from client workstations are spooled to a Windows server/workstation acting as a print server, and not sent directly from the client workstation to the IP Address or Port of a network-connected printer.

> **Important:** It is required that Print Manager Plus 2010 be installed on the Windows Workstation or Server that is sharing the print queues within the network.

Printers connected directly to Windows NT/2000/XP/Vista/7 workstation can also be successfully managed. (See the section Workstation Connected Printers Setup)

Printers may be attached to the network in a number of ways as long as they are spooled through a Windows Print Server (See network Diagrams below):

- Printers directly connected to a Windows Print Server via a COM, LPT or USB port.

- Network Printers connected, either through a built-in network card or via a device which interfaces the network to an LPT1 style connector. (This device, e.g. the HP JetDirect, is often called a "Print Server" – do not confuse this with the Windows Print Server machine where Print Manager Plus is installed)

- Printers attached to a Windows NT/2000/XP/Vista/7 workstation.

Print Manager Plus - Print Server Setup Schematic

WINDOWS XP WORKSTATION · WINDOWS 2000 WORKSTATION · WINDOWS NT WORKSTATION · WINDOWS 95/98 WORKSTATION · MACINTOSH WORKSTATION · UNIX WORKSTATION

◄ NETWORK

DATABASE
Access/MSDE/SQL

◄ PRINT SERVER
WINDOWS NT/2000/2003 Server OS

◄ PRINT MANAGER PLUS
SERVICE

WORKSTATION
Connected Printer
Agent

LPT · USB · LPR · COM PORT · TCP/IP

Print Manager Plus - WorkGroup (Peer-to-Peer) Setup Schematic

WINDOWS XP WORKSTATION · WINDOWS 2000 WORKSTATION · WINDOWS NT WORKSTATION · WINDOWS 95/98 WORKSTATION · MACINTOSH WORKSTATION · UNIX WORKSTATION

◄ NETWORK

DATABASE
Access/MSDE/SQL

◄ WORKSTATION BASED
PRINT SERVER
WINDOWS NT/2000/XP Workstation

PRINT MANAGER PLUS
SERVICE

WORKSTATION
Connected Printer
Agent

LPT · USB · LPR · COM PORT · TCP/IP