Publishing Platform for Retail

Technical Specifications

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Lexmark

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Overview

This document outlines the basic system requirements for Publishing Platform tools. The ideal hardware and software configurations for your organization depend on the size and type of your business. This information is intended as a general guideline. Contact your services consultant for additional advice on your specific needs.

Web Client Workstations

The technical specifications required for client workstations appear in the following table.

Requirements	Minimum Hardware Specification	Recommended Hardware Specification
Microsoft Windows 8.1 with Google Chrome or Microsoft Internet Explorer 11.x (Open Internet Explorer from Desktop mode, rather than from a Metro tile.) Microsoft Windows 7 with Google Chrome or Microsoft Internet Explorer 10.x or 11.x Internet connection speeds determined by your configuration. 128 KBPS is recommended as a minimum. **Note** For Internet Explorer 10.x and 11.x, you must run the browser as administrator or turn Enable Protected Mode off.	1.4 GHz processor 512 MB RAM 1 GB hard disk space	2.0 GHz processor (or higher) 2 GB RAM 5 GB hard disk space

Template Designer Workstations

The technical specifications required for client workstations appear in the following table.

Requirements	Minimum Hardware Specification	Recommended Hardware Specification
Microsoft Windows 8.1 Microsoft Windows 7 Microsoft .NET Framework 4.5 32-Bit ODBC Client Drivers/Software	1.4 GHz processor 2 GB RAM 1 GB hard disk space	2.0 GHz processor (or higher) 4 GB RAM 5 GB hard disk space

Application Server

Server requirements apply to a variety of servers, such as web servers for production and staging that host the In-Store Publisher user interface and publishing engine servers (also called rendering servers) that render and distribute print jobs to client machines in an In-Store Publisher system.

Requirements	Minimum Hardware Specification	Recommended Hardware Specification
Windows Server 2012 R2 Standard OR Windows Server 2008 R2 Standard (64-bit) Microsoft Internet Information Server (IIS) 7 or 7.5 with both IIS6 Management Compatibility and Application Development enabled Microsoft .NET Framework 4.5 (.NET 3.5 must also be enabled) SQL Server Native Client Drivers v 9.x or 10.x 32-bit ODBC Client Drivers / Software Lexmark Universal Printer Driver PS3	One or two processor cores, 1.4 GHz or faster 1 GB RAM per core 30 GB hard disk space 100 Mbps Ethernet connection **Note** Minimum specifications are provided for evaluation purposes only, not for live production environments.	For each server in a staging or production environment: Two or four processor cores, 2 GHz or faster 2 GB RAM per core 60 GB hard disk space 1 Gbps Ethernet connection **Note** Recommended number of servers depends on the client's use and content.

Database Platforms

Database servers handle item, batch, sign, and user interface data. Publishing Platform for Retail supports the Microsoft SQL database out-of-the-box, based on reference applications and sample use cases, but does not support other databases. However, custom database integration support may be available. Contact your services consultant for details.

System Requirements	Hardware Specification
Microsoft SQL Server 2008 R2 or SQL Server 2012 Oracle 11gR2 (Designer and Publishing Engine only) Microsoft Access 2003-2010 (Template Designer application only) Microsoft Data Access Components (MDAC) version 2.5 or higher for Microsoft Access only	Database hardware depends on the volume and content stored in your database and the volume of signs printed. In a production environment, we recommend using a dedicated database server for Microsoft SQL Server configurations.

64-bit Operating Systems

Publishing Platform for Retail supports 64-bit operating systems. However, all products do not fully utilize 64-bit processing architecture as they are compiled in 32-bit. You must use the 32-bit control panel ODBC manager to set up DSN connections.

For prerequisites and instructions for installing on Windows 7 and Windows 2008 Server, refer to the *Publishing Platform for Retail Installation and Setup Guide 9.5.x*, available from the Customer Portal at www.lexmark.com.

Printer Drivers

The technical specifications required for print drivers appear in the following table.

Printer Type	Supported Drivers
Windows Printing	Windows printer drivers are required for GDI, GDI+ output.
Postscript Printing / Non-Windows	For direct Postscript output, such as in non-Windows environments, a Postscript enabled, IP addressable printer is required, unless printing to file.
Thermal Direct Printer	For direct custom thermal printer language output, an IP addressable printer is required unless printing to file. **Note** Additional licensing is required for direct output to thermal devices. Contact you services consultant for a list of supported custom printer languages.

In-Aisle Publisher

In-Aisle Publisher is designed for use by employees in store aisles to perform price checks, build batches, and print or publish signs. You can perform these tasks from a device with a built-in scanner or by typing the barcode values using iPhone and Android mobile devices. Note that In-Aisle Publisher runs in the web browser and is not a native application.

Refer to the following table for In-Aisle Publisher specifications.

Specification	Description
Browsers	Microsoft Internet Explorer 6 or later Native browsers on Android and Apple devices Desktop browsers (IE 10+, Chrome)
Operating Systems	Android 4.1.2 Apple iOS 7.1 Windows 7 or 8.1
Compatible Hardware	Motorola MC55A0 handheld scanner Android devices with operating system 4.1.2 Apple iPhones with operating system 7.1 Windows Workstation
Accessibility	Android or Apple phones with 3G, 4G, or Wi-Fi network connectivity