

# Publishing Platform for Retail

## Technical Specifications

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**perceptive**software  
from 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 AccessVia's services consulting team 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 XP SP3 with Internet Explorer 8.x Microsoft Windows 7 with Microsoft Internet Explorer 9.x, 10.x, or 11.x Microsoft Windows 8 with Microsoft Internet Explorer 10.x or 11.x (Open Internet Explorer from Desktop mode rather than from a Metro tile) Internet connection speeds determined by your configuration. 128 KBPS is recommended as a minimum. <b>Note</b> For Internet Explorer 10.x and 11.x, you must run the browser as administrator or turn Enable Protected Mode off.	1.2 GHz processor 512 MB RAM 1 GB hard disk space	2.0 GHz processor (or higher) 2 GB RAM 5 GB hard disk space

## AccessVia Designer Workstations

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

Requirements	Minimum Hardware Specification	Recommended Hardware Specification
Microsoft Windows 7 Microsoft .NET Framework 4.5 32-Bit ODBC Client Drivers/Software	1.2 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 within an AccessVia Print system, such as web servers for production and staging that host the Web dSignShop user interface and publishing engine servers (also called rendering servers) that render and distribute print jobs to client machines in a Web dSignShop system.

Requirements	Minimum Hardware Specification	Recommended Hardware Specification
Windows Server 2008 Standard SP1 (32-bit) 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 SQL Server Native Client Drivers v 9.x or 10.x 32-bit ODBC Client Drivers / Software	One or two processors, 1 GHz or faster 1GB RAM per core 30GB hard disk space 100 Mbps Ethernet connection  <b>Note</b> Minimum specifications are provided for evaluation purposes only, not for live production environments.	For each server in a staging or production environment, refer to the following information. Two or four processors, 2 GHz or faster 2GB RAM per core 60GB hard disk space 1Gbps Ethernet connection  <b>Note</b> Recommended number of servers depends on the client's use and content, determined by AccessVia client services.

## Database Platforms

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

System Requirements	Hardware Specification
Microsoft SQL Server 2005, 2008, or 2012 Oracle 11gR2 (Designer and Publishing Engine only) Microsoft Access 2003-2010 (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, AccessVia recommends using a dedicated database server for Microsoft SQL Server configurations.

## 64-bit Operating Systems

AccessVia 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 9.2.x*, available on the Product Documentation tab in the Customer Portal on the Perceptive Software website.

## 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	<p>For direct custom thermal printer language output, an IP addressable printer is required unless printing to file.</p> <p><b>Note</b> Additional licensing is required for direct output to thermal devices. Contact AccessVia for a list of supported custom printer languages.</p>

## In-Aisle Mobile Workforce

In-Aisle Mobile Workforce 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 Mobile Workforce runs in the web browser and is not a native application.

Refer to the following table for In-Aisle Mobile Workforce specifications.

Specification	Description
Operating Systems	Android 4.1 (Jelly Bean) Webkit-based Apple iOS 7.1 The default browser for each of these devices is supported.
Desktop Browsers	Chrome for Windows Mozilla Firefox for Windows Internet Explorer 10.x and 11.x for Windows Supported browser versions are listed; however, we recommend that you upgrade to the latest patch of the supported browsers. Note that some browsers release automatic updates and some browsers no longer support version numbers.
Compatible Hardware	Motorola MC55A0 handheld scanner
Accessibility	Android or Apple phones with 3G, 4G, or Wi-Fi network connectivity