

# Perceptive Process Mining

## Technical Specifications

Version: 2.12.x

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Date: September 2017

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## About the technical specifications

This document provides the specifications for the Perceptive Process Mining product line produced by Lexmark Enterprise Software. The technical specifications in this document are specific to Perceptive Process Mining, version 2.12, and support ImageNow, versions 6.6, 6.7, 6.8 (non-unicode) and Perceptive Content, version 7.0. Perceptive Process Mining Standard and Enterprise versions that authenticate with ImageNow versions, require access to the relevant Perceptive ImageNow Server port. Authentication against Perceptive Content 7.x requires access to Perceptive Content Integration server.

A required amount of memory and disk space is provided for each Lexmark Enterprise Software product. You must meet these requirements to support your Enterprise Software system. These requirements specifically list the needs of the Enterprise Software product line and do not include any amount of memory or disk space you require for the operating system, environment, or other software that runs on the same computer.

Some technical specifications also provide recommendations. While requirements define the minimum system required to run Enterprise Software products, the recommended specifications serve as suggestions to improve the performance of your system. For maximum performance, review your specific environment, network, and platform capabilities and analyze your planned business usage of the system. Your specific system may require additional resources above these recommendations.

## Perceptive Process Mining

Perceptive Process Mining is a web-based product that enables users to extract from historical execution data, graphical and animated process models about the historic execution of a business process.

### Perceptive Process Mining Server

The following table describes the minimum technical specifications required for Perceptive Process Mining Server, as well as recommendations.

Specification	Description		
<b>Hardware</b>	To run Perceptive Process Mining in an enterprise environment requires a server class system.		
<b>Operating Systems</b>	<b>Operating System</b>	<b>Supported Version</b>	<b>Supported Processor</b>
	Microsoft Windows	Microsoft Server 2003 R2 or higher (32-bit and 64-bit)  <b>Important</b> Administrator rights are required during installation.  No additional software is required to deploy Perceptive Process Mining.	As a minimum requirement, use a single core processor running at 1.2 GHz.
<b>Databases</b>	Data import (if applicable) is supported from the following database systems.		
	<b>Database</b>	<b>Supported Version</b>	
	PostgreSQL	8.3 and compatible	
	MySQL*	5.1 and compatible	
	Microsoft SQL Server	6.5 and compatible	
	Oracle	10g and compatible	
	SAP HANA**	SPS09 and compatible	
<p>* If you want to use a MySQL database from which to import data, you must separately download and install the MySQL JDBC driver. Consult the <i>Perceptive Process Mining Installation and Setup Guide</i> for more information.</p> <p>** If you want to use a SAP HANA database from which to import data, you must separately download and install the SAP HANA JDBC driver. Consult the <i>Perceptive Process Mining Installation and Setup Guide</i> for more information.</p>			

Specification	Description
<b>Accessibility</b>	100 Mbps network minimum, configured at full duplex, is required for the Perceptive Process Mining Server. In addition, a 1 Gb network is recommended. Port 80 is the default port for the Perceptive Process Mining server and is configurable. The port you choose should be opened on the firewall. Verify that the machine on which you are installing Perceptive Process Mining does not have any conflicting web servers installed and running on the same port as the Perceptive Process Mining server.
<b>Disk Space</b>	Minimum required disk space is 1 GB.
<b>Memory</b>	Minimum required available system memory to run Perceptive Process Mining is 2 GB RAM. On 32-bit systems, 4 GB of RAM is recommended; on 64-bit systems, 8 GB of RAM. In addition, include any virtual memory requirements recommended by your operating system manufacturer.
<b>LDAP via SSL/TLS</b>	Any certificates necessary to establish a secure connection to the LDAP server. Refer to the <i>Process Mining Installation and Setup Guide</i> for more details.
<b>Virtual Machine</b>	<p>Lexmark Enterprise Software supports customers who run Lexmark Enterprise Software products on the supported operating system listed in this document, regardless of whether the system is running in a proven virtual environment, such as VMWare or Microsoft Hyper-V. Accordingly, virtual platforms operate on an interact with the hardware abstraction layer provided by the virtual platform vendor.</p> <p>The virtual platform vendor supports a set of certified operating systems and hardware. The customer and virtual platform manufacturer are responsible for any interactions or issues that arise at the hardware or operating system layer because of the virtual platform vendor.</p>

## Perceptive Process Mining Client

The Perceptive Process Mining users communicate with the Perceptive Process Mining Server through a browser. The minimum technical client-side specifications required for Perceptive Process Mining appear in the following table.

Specification	Description	
<b>Hardware</b>	<p><b>Processor:</b> Requires a 1.0 GHz or greater processor. A dual core processor is recommended for increased performance.</p> <p><b>Screen Resolution:</b> The required minimum screen resolution is 1024 x 768. The recommended screen resolution is 1650 x 1080 SVGA.</p>	
<b>Operating System</b>	<b>Operating System</b>	<b>Supported Versions</b>
	An operating system that runs the supported browsers	Microsoft Windows MacOSX

Specification	Description
<b>Software</b>	<p><b>Browsers.</b> A web browser, with enabled cookie and JavaScript support, is required for the client application. The web browsers that are supported include:</p> <ul style="list-style-type: none"> <li>• Microsoft Internet Explorer 8, 9 or 10 (Version 8 only allows Flash-based model viewing and some features may be unavailable in Flash). HTML5-canvas-based model editing is only supported on version 9 and higher. Recommended version is 10.)</li> <li>• Mozilla Firefox</li> <li>• Apple Safari 4 or higher</li> <li>• Google Chrome</li> </ul> <p><b>HTML5 support.</b> We recommend that you use a browser that supports HTML5 Canvas, such as Internet Explorer 9/10, Firefox, Safari, and Google Chrome.</p> <p><b>Adobe.</b> Adobe Flash is required for the client application if you use a web browser that does not support HTML5 Canvas. Using the latest version of Adobe Flash is recommended.</p>
<b>Accessibility</b>	<p>Perceptive Process Mining requires a high-speed network connection to the Perceptive Process Mining server.</p>
<b>Disk Space</b>	<p>There is no local storage needed for disk space.</p>
<b>Memory</b>	<p>Minimum required available system memory to run Perceptive Process Mining is 512 MB.</p>