Perceptive Process Mining

Technical Specifications

Process Mining Version: 2.5

Written by: Product Documentation, R&D
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perceptivesoftware
from Lexmark

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About the technical specifications

This documents provides the specifications for the Perceptive Process Mining product line produced by Perceptive Software. The technical specifications in this document are specific to Perceptive Process Mining, version 2.5, and support Perceptive ImageNow, versions 6.6, 6.7, and 6.8 (non-unicode). Perceptive Process Mining Standard and Enterprise versions that authenticate with Perceptive ImageNow, require access to the relevant Perceptive ImageNow Server port.

A required amount of memory and disk space is provided for each Perceptive Software product. You must meet these requirements to support your Perceptive Software system. These requirements specifically list the needs of the Perceptive 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 Perceptive 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.

<table>
<tr><th>Specification</th><th>Description</th></tr>
<tr><td>Hardware</td><td>To run Perceptive Process Mining in an enterprise environment requires a server class system.</td></tr>
<tr><td>Operating Systems</td><td>
<table>
<tr><th>Operating System</th><th>Supported Version</th><th>Supported Processor</th></tr>
<tr><td>Microsoft Windows</td><td>Microsoft Server 2003 R2 or higher (32-bit and 64-bit)
Important
Administrator rights are required during installation.
No additional software is required to deploy Perceptive Process Mining.</td><td>As a minimum requirement, use a single core processor running at 1.2 GHz.</td></tr>
</table>
</td></tr>
<tr><td>Databases</td><td>Data import (if applicable) is supported from the following database systems.
<table>
<tr><th>Database</th><th>Supported Version</th></tr>
<tr><td>PostgreSQL</td><td>8.3 and higher</td></tr>
<tr><td>MySQL*</td><td>5.1 and higher</td></tr>
<tr><td>Microsoft SQL Server</td><td>6.5 and higher</td></tr>
<tr><td>Oracle</td><td>10g and higher</td></tr>
</table>
* 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 Perceptive Process Mining Installation and Setup Guide for more information.</td></tr>
<tr><td>Accessibility</td><td>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.</td></tr>
<tr><td>Disk Space</td><td>Minimum required disk space is 1 GB.</td></tr>
</table>

Specification	Description
Memory	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.
Virtual Machine	Perceptive Software supports customers who run Perceptive 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. 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.

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.

<table>
<tr><th>Specification</th><th>Description</th></tr>
<tr><td>Hardware</td><td>Processor: Requires a 1.0 GHz or greater processor. A dual core processor is recommended for increased performance.

Screen Resolution: The required minimum screen resolution is 1024 x 768. The recommended screen resolution is 1650 x 1080 SVGA.</td></tr>
<tr><td>Operating System</td><td><table><tr><th>Operating System</th><th>Supported Versions</th></tr><tr><td>An operating system that runs the supported browsers</td><td>Microsoft Windows
MacOSX</td></tr></table></td></tr>
<tr><td>Software</td><td>Browsers. A web browser, with enabled cookie and JavaScript support, is required for the client application. The web browsers that are supported include:
Microsoft Internet Explorer 6, 7, 8, or 9
(Versions 6, 7, and 8 only allow Flash-based model viewing. HTML5-canvas-based model editing is only supported on version 9, which is the recommended version.)
• Mozilla Firefox 3.0 or higher
• Apple Safari 4 or higher
• Google Chrome

HTML5 support. We recommend that you use a browser that supports HTML5 Canvas, such as Internet Explorer 9, Firefox, Safari, and Google Chrome.

Adobe. 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.</td></tr>
</table>

Specification	Description
Accessibility	Perceptive Process Mining requires a high-speed network connection to the Perceptive Process Mining server.
Disk Space	There is no local storage needed for disk space.
Memory	Minimum required available system memory to run Perceptive Process Mining is 512 MB.