PassagePoint

PassagePoint Global and PassagePoint EDU
Technical Specifications

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DOCUMENT DESCRIPTION

The following document outlines the technical specifications for PassagePoint Global and PassagePoint EDU. These include components, operating system, database support, RAM storage, application, and port requirements.

PassagePoint Components

PassagePoint installs and uses Java 8, PostgreSQL database and Apache Tomcat web server. Below are the components that are installed with each installation package:

Standalone: Tomcat, Java, PostgreSQL, and hardware drivers

Server: Tomcat, Java, and PostgreSQL

Client: Java and hardware drivers

Operating System Requirements

Before installing PassagePoint, please assure that the Windows Operating System meets the following requirements:

PassagePoint Server
- Windows Server 2008\R2 (64 bit)
- Windows Server 2012
- Windows Server 2016

PassagePoint Client
- Windows 10 (64 bit)
- Windows 8.1
- Windows 7 (32 bit or 64 bit), update to Service Pack levels as listed below.
    - ❖ Microsoft Windows 7 Service Pack 1 (SP1) or newer

NTFS partition is recommended for installing PostgreSQL. Otherwise, special installation steps are required.

For Logitech QuickCam support, you must have DirectX 9.x or higher and Internet Explorer 9 or higher installed prior to installing Logitech's software.

During install of Standalone or Server, Local admin rights are required for installing PostgreSQL.

Database Support

PostgreSQL is the default Database program for PassagePoint. PostgreSQL is part of the PassagePoint installation package.

PassagePoint also works with:

- MS SQL Server 2008, 2012, 2014, 2016, and 2017
- Oracle 12c.

RAM Storage and Application Requirements

The table below lists the RAM, storage, and application requirements for PassagePoint by install option.

Table 1 – Client Workstation (including Kiosk) Requirements for Windows

	Minimum	Recommended
Processor	Intel iCore3 or equivalent	Intel iCore5 or better
RAM	4 GB	4 GB or more *
Hard Disk Space	1 GB	1 GB or more
Monitor	SVGA (1366x768)	XVGA (1366x768) or higher
CD-ROM	Required for installation via CD	Required for installation via CD
Serial Ports	USB 2.0 ports for devices	USB 2.0 ports for devices

Table 2 – Standalone/Server (up to 5 users) Requirements for Windows

	Minimum	Recommended
Processor	Xeon processor or iCore5 or better	Xeon processor or iCore5 or better
RAM	4 GB	6 GB or more *
Hard Disk Space	2 GB	30 GB **
Monitor	SVGA (800x600)	XVGA (1024x768) or higher
CD-ROM	Required for installation via CD	Required for installation via CD
Serial Ports	USB 2.0 ports for devices	USB 2.0 ports for devices

Table 3 – Server (up to 25 users) Requirements for Windows

	Minimum	Recommended
Processor	Xeon processor or iCore5 or better	Xeon processor or iCore5 or better
RAM	4 GB	6 GB or more *
Hard Disk Space	5 GB	30 GB **
Monitor	SVGA (800x600)	XVGA (1024x768) or higher
CD-ROM	Required for installation via CD	Required for installation via CD

* Additional RAM and a powered hub may be required when using multiple USB devices, such as license scanner, printer, barcode scanner, camera, biometric scanner, etc. USB 2 ports offer best performance.

**Hard disk space is based on moderate data growth. Please contact your PassagePoint representative for larger deployment requirements.

Port Requirements

PassagePoint Server requires TCP ports 5431, **2080, 2443, 9876, and 9875** to be available. Ports are used for communication from PassagePoint Client, Kiosk, Web Pre-Reg, and Mobile to the PassagePoint Server. Tomcat administration ports may be needed, such as 8005, 8009, and 8082. MS-SQL port 1433

FOR ADDITIONAL INFORMATION, CONTACT US:

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