PERSONA Campus Online Version 7.0
Server Requirements

System with Local Database	System with Remote Database
Up to 500 Locks: • Memory: 4 GB minimum, 8 GB+ recommended • Processor: 2 GHz or faster Dual-core minimum • Storage: 50 GB (additional space as needed) 500 to 1000 locks: • Memory: 8 GB minimum • Processor: 2 GHz or faster 4 cores minimum • Storage: 50 GB (additional space as needed) For systems with more than 1000 locks it is recommended to move the database to a remote server	• Memory: 4 GB minimum, 8 GB+ recommended • Processor: 2 GHz or faster Dual-core minimum • Storage: 25 GB Minimum

• **Supported Databases:** Microsoft SQL Server 2012 to 2019
> • Installed with Mixed Mode authentication enabled as installer requires a SQL sysadmin account.

• **Supported Operating Systems:**
> Windows 10 Pro & Enterprise (Home editions of Windows are not supported)*
> Windows Server 2012, 2012R2, 2016 & 2019

Installation Prerequisites

Microsoft IIS with:

Common HTTP Features:
Default Document
Directory Browsing
HTTP Errors
Static Content

Application Development Features:
.NET Extensibility 4.6 & 3.5
ASP.NET 4.6
ISAPI Extensions
ISAPI Filters
WebSocket Protocol

Firewall Requirements

PERSONA Server Inbound TCP Ports:
- 2571 – IP Enabled Locksets
- 4070 – VertX & Edge Controllers
- 443 & 8333 – Aperio Gateway
- Port 80 or 443 – Web client
  o Dependent on if site has applied SSL

Aperio Gateway Inbound TCP Ports:
- 9999 – Aperio Hubs
- 5021 – PERSONA Server

Aperio Hub Inbound UDP Port
- 69 – Aperio Gateway
  o Firmware updates only

VertX Inbound TCP Ports:
- 80 – PERSONA Server

Browser Requirements

> Microsoft Edge, Chrome, Firefox, and Safari (on iOS only) are supported
> NOTE: Microsoft Internet Explorer is not supported.

NOTES:
- * If installed on a workstation operating system, IIS limits the number of concurrent requests and is not recommended in a production environment.
- SQL Express may be used with less than 500 locksets. A full SQL license is recommended for larger or interfaced sites.
- Windows Installer 4.6 & .NET Framework 4.6 will be installed or upgraded during install.