



System requirements for PaperVision Enterprise R85

Application Server Requirements:

- Supported Windows Versions
 - Windows Server 2008 R2
 - Windows Server 2012 & 2012 R2
 - Windows Server 2016
- IIS 7 or higher (IIS 7.5 or higher is recommend)
 - Required modules
 - Common HTTP Features
 - Static Content
 - Default Document
 - HTTP Errors
 - HTTP Redirection
 - Application Development
 - ASP.NET
 - .NET Extensibility
 - ASP
 - CGI
 - ISAPI Extensions
 - ISAPI Filters
 - Health and Diagnostics
 - HTTP Logging
 - Request Monitor
 - Security
 - Basic Authentication
 - Windows Authentication
 - Request Filtering
 - Performance
 - Static Content Compression
 - Management Tools
 - IIS Management Console
 - IIS 6 Management Compatibility
 - IIS 6 Metabase Compatibility
 - IIS 6 WMI Compatibility
 - IIS 6 Scripting Tools
- .NET Framework 3.5
 - HTTP Activation
- .NET Framework 4.5+
 - WCF Services
 - HTTP Activation
 - TCP Activation

File storage requirements:

- File storage can be on any network accessible file share that supports NTFS file permissions. (local storage on the application server is also acceptable)
 - While the system will operate off of an externally attached hard drive, we do not recommend this for performance reasons.
 - SMB/Enterprise grade NAS devices are acceptable.
- If you have any questions regarding your project's storage needs, please contact one of our experts.

Database requirements:

- We can install PaperVision with any version of Microsoft SQL server 2008 or newer.
- We would prefer to connect to an existing Sql server, but if this is not possible, we will install Sql Server Express when we install PaperVision.
 - The limitation of Sql Express are:
 - Limited to 1 processor core and 1 GB of RAM
 - Automated backups are not enabled (this can be overcome with some external scripting)
 - Limited to 10GB overall database size
 - As PaperVision only uses Sql to store index values and system settings (images are stored in standard file shares), the database size limitation is typically not an issue.
- Sql requirements
 - TCP/IP must be enabled
 - A 'PaperVision' database
 - An account using Sql authentication with dbo permissions over the above database.

Other requirements:

- We will need an Active Directory service account with full access to the data storage path and 'login as a service' permissions on the application server. This account is used to authenticate the PaperVision application against the file storage path, to run the automation events, and for the anonymous IIS user.
- (Optional) The PaperVision server has the capability to send emails and administrative notifications through a SMTP server. If you would like us to set this feature up for you, please have the details for your SMTP server ready when we install.
- (Optional) Although not required, adding a dns entry to your local dns server for 'papervision.<your local domain>' can make accessing the system much easier for end users as they do not have to remember a specific IP address or server name.
- (Optional) Although not strictly required, we highly recommend that your PaperVision server be set up with a static IP address.

NOTES:

- All of the above server roles can be run from the same machine or split across as many servers as necessary. A typical modern server with 4GB of RAM is usually enough to run up to 50 concurrent PVE sessions. (please contact RMMI if you have any sizing questions regarding your projected user load)
 - If the application server will also be hosting the Sql Database we recommend at least 8GB of RAM.
 - PaperVision Enterprise runs without issues on all current virtual platforms.
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