



X3 Minimum System Requirements (Server)

For organizations wishing to host their own installation of X3 along with their data, known as our Enterprise version, there are a number of factors to consider when deciding on the hardware needed to run the application. Use the guide below (in conjunction with your hardware vendor's recommendations) to decide the best configuration.

The X3 Enterprise Server environment runs on Microsoft Windows Server with Internet Information Services. Below is a listing of supported Windows Server operating systems.

Operating System	Internet Information Services (IIS) requirements
Windows Server 2003 32-bit	IIS 6.0
Windows Server 2003 R2 32-bit	
Windows Server 2008 32-bit <i>(support for x64, but IIS must run in 32-bit mode)*</i>	IIS 7.0 with Metabase and IIS 6 Configuration Compatibility

Deciding on the minimal memory, speed and hard drive configurations is often times not a “*One Size Fits All*” scenario. eMaint X3 is designed to be used by as few as one single user to hundreds of simultaneous users throughout your organization. Determining the projected scale of use is a key component in planning for the hardware configuration or purchase.

Below are two samples of common server configurations that can host X3 Enterprise. These are only sample suggestions; working with your eMaint account representative and your hardware vendor can help decide if your needs may require less or more. It is recommended, in any configuration, that the application be installed on a server-class computer.

Example Configuration 1 – low to medium volume, single dataset

2.0 GHz Processor
2 GB RAM
80 GB Hard Drive capacity dedicated to application

Example Configuration 2 – medium to high volume, multiple datasets

2.4 GHz Quad Core Processor
4 GB RAM

200 GB Hard Drive capacity dedicated to application

Additional requirements:

The email features require the application to have access to SMTP protocols on port 25 to deliver mail. X3 can be configured to use any accessible SMTP server and authenticate with a user name and password provided during the installation (if required).

**X3 requires its application pool be run in 32-bit mode, however in many instances there are also 64-bit components of IIS that must be disabled in order to run X3 (including the Dynamic Compression Module). It is recommended that if a 64-bit version of windows must be used, then X3 be the only application used in IIS to avoid interrupting other 64-bit IIS applications that may be installed.*

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