

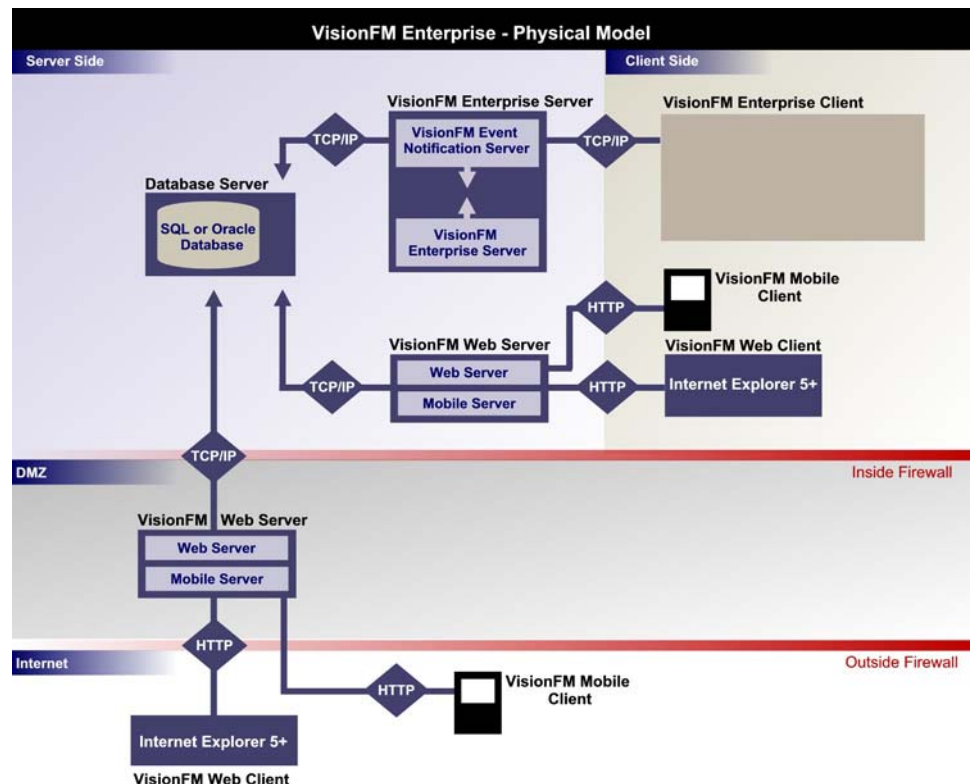
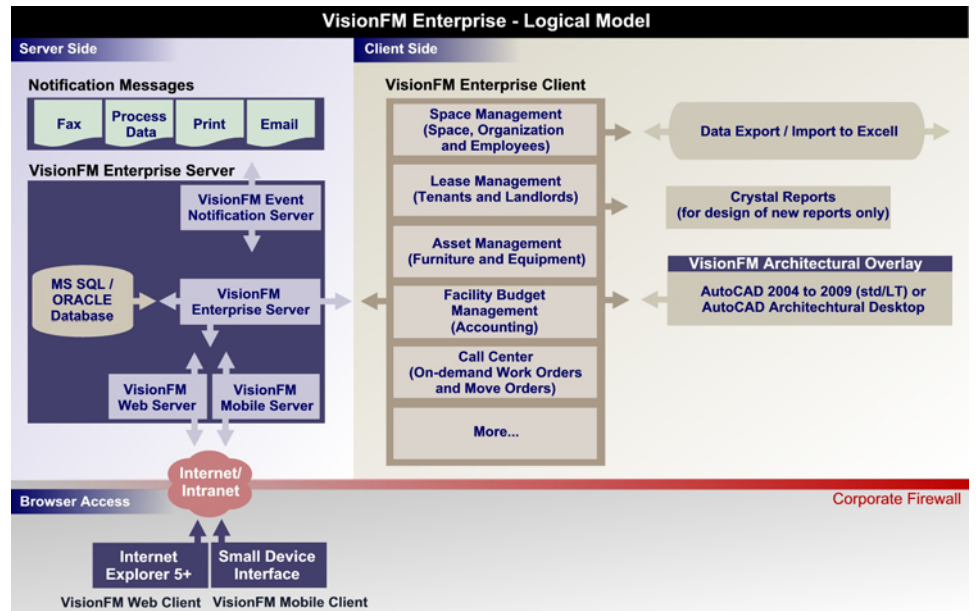
VisionFM v12 Networking and System requirements

Overview:

VisionFM is comprised of two primary applications, the VisionFM Client and the VisionFM Server. The client contains the majority of features including modules, queries and the interface to drafting software, while the Server does most of the data processing and communication to other VisionFM applications. Communication between the client and server uses the TCP/IP protocol for both local and wide area networking.

Three optional applications, the VisionFM Web Server, the VisionFM Event Notification System, and the VisionFM Mobile server work with the VisionFM Enterprise Server Application. Their functions are described below.

In addition to the applications mentioned, users may also work with AutoCAD drawings and attach images. These files can be located anywhere on the network but the path must be a single location for all users, since the drawing path is stored in the database.



System Requirements

VisionFM ENTERPRISE Server Installation

VisionFM Server Application		
	Minimum	Recommended
Computer	Single Core Latest Model Pentium or AMD	Dual Core Latest Model Pentium or AMD
Operating System	Win 2003 Server	Win 2008 Server
RAM	2GB	Highest available
Hard Drive Space	1 GB	2 GB
Display	1024x768	1280x1024

The VisionFM Enterprise Server Application utilizes Microsoft SQL as its database. For a typical installation the SQL database and log files will require 500 Mb of hard drive space and will be loaded into memory if enough RAM is available. SQL supports multiple servers and takes advantage of multiple processors in a single server. In addition to the VisionFM Server application, the Event Notification System and Web Server can be loaded on the same computer. If multiple applications will be run on the server, a minimum of 2Gb of RAM is recommended.

If the number of concurrent users will be five or less, the VisionFM Enterprise Server will operate comfortably on a workstation (or Windows 2000 Professional / Windows XP Professional). Less than 20 concurrent users will work comfortably on a shared server. Greater than 20 users should have a dedicated server, especially if the Web Server will also reside on the same computer.

The server can be a Pentium 3 or greater, running on Windows 2000, 2003 or 2008.

VisionFM ENTERPRISE Client Installation

VisionFM Client Application		
	Minimum	Recommended
Computer	Single Core Latest Model Pentium or AMD	Dual Core Latest Model Pentium or AMD
Operating System	Win XP or Vista	Win XP or Vista
RAM	1 GB	2 GB
Hard Drive Space	100 MB	500 MB
Display	1024x768	1280x1024

The Client can communicate with the Server over a local or wide area network, however performance over a wide area network will vary depending on the network structure.

During installation of the Server applications the Client install program is loaded on the server in a shared directory where users can locate and run it. The client installation will include all of VisionFM's application modules and the option to install an overlay for AutoCAD. After installation the administrator can edit the Tab Bar to hide or delete modules. As well, the Administrator can control which VisionFM functions the user has access to through the User Profile.

VisionFM Enterprise Server includes a Live Update feature, which allows the administrator to automatically distribute patches, updates and customization to Client computers.

VisionFM Enterprise Event Notification System

VisionFM Enterprise Event Notification System		
	Minimum	Recommended
Computer	Single Core Latest Model Pentium or AMD	Dual Core Latest Model Pentium or AMD
Operating System	Win 2000/3/8 Server	Win 2000/3/8 Server
RAM	N/A	N/A
Hard Drive Space	100 MB	100 MB
Display	N/A	N/A

The VisionFM Event Notification System (ENS) is a separate program that needs to be installed on the same computer as the VisionFM Server application. The ENS monitors the database for user-defined operations such as the submission of a new work request, which it responds to by running a script, sending email or printing a report. To support the ENS, it must be loaded on a Windows 2000, 2003 or 2008 Server with SMTP services and a connection to an email server.

Note: Even though the user sets up an ENS print job, it is run from the server, not the client computer. Therefore any users that will require printing to their local printers will need to have their printers set up on the server.

VisionFM Web Server Installation

VisionFM Web Server		
	Minimum	Recommended
Computer	Single Core Latest Model Pentium or AMD	Dual Core Latest Model Pentium or AMD
Operating System	Win 20003 Server	Win 20008 Server
RAM	2GB	4GB
Hard Drive Space	1GB + IIS	1GB + IIS
Display	N/A	N/A

The Web Server includes a predefined web site and web based client installation program. The site can be customized by the administrator or merged into an existing site.

Web user access is administered within VisionFM with the User Profile form. The users login-name and password identify their user profile, which is then used to display a list of forms, queries and reports that the user has access to. This allows the web server to have a single web page that adjusts itself to each user, making web administration very easy.

VisionFM Web Server is a separate (optional) program that can be installed on the same computer as VisionFM Server or another computer within the same local network.

VisionFM Web Client Installation

VisionFM Web Client		
	Minimum	Recommended
Computer	Single Core Latest Model Pentium or AMD	Dual Core Latest Model Pentium or AMD
Operating System	Win XP, Vista	Win XP, Vista
RAM	512MB	1Gb
Hard Drive Space	15MB	15MB
Display	1024x768	1280x1024

The VisionFM Web Client requires Windows Internet Explorer version 5 or greater. The forms queries, reports and the drawing viewer are run through ActiveX controls, which are loaded on the client's computer from the web site.

VisionFM Mobile Server Installation

VisionFM Web Client		
	Minimum	Recommended
Computer	Single Core Latest Model Pentium or AMD	Dual Core Latest Model Pentium or AMD
Operating System	Win XP, Vista	Win XP, Vista
RAM	512MB	1Gb

Hard Drive Space	300MB	500MB
Display	NA	NA

The Mobile Server incorporates a web service to allow small devices, with client applications, to connect and use VisionFM forms.

Individual or packaged mobile licenses are sold separately. Mobile user access is administered within VisionFM with the User Profile form, and available to as many users as there are licenses for.

VisionFM Mobile Server is a separate (optional) program that can be installed on the same computer as VisionFM Server or another computer within the same local network. Commonly it is installed alongside the VisionFM web server.

VisionFM Mobile Client Installation

VisionFM Mobile Client		
	Minimum	Recommended
Device	Windows Mobile based small device or phone	Windows Mobile based small device or phone
Operating System	Windows Mobile	Windows Mobile
Flash Memory	80MB	1Gb
	Minimum	Recommended
Device	Windows Mobile based small device or phone	Windows Mobile based small device or phone

The VisionFM Mobile Client allows clients to fill in VisionFM Forms on small devices by connecting to the web service on a VisionFM Mobile server. The service can be accessible over the internet or local area network.

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