GlobalView

MarketView® FrontOffice™ Installation Planning Guide

With easy access to real-time, historical, and customer-proprietary data, MarketView FrontOffice is your all-in-one energy data management solution that anyone with Internet connectivity can access. The following information provides an overview of the requirements necessary to run MarketView FrontOffice on your desktop.

MarketView FrontOffice is offered as a SAAS service using the Internet. In this configuration, the software application component, which runs on your individual PC, connects to GlobalView's data center (servers) via standard Internet TCP/IP connection. This can be achieved over any form of Internet access that can maintain a continuous connection and reasonable performance.

Running MarketView FrontOffice requires the following:
1) A connection to the Internet from the client machine
2) The proper Java runtime components
3) A valid license to use MarketView FrontOffice

A high quality Internet connection to the MarketView data servers is required to ensure proper operation and performance of MarketView Desktop.

MarketView FrontOffice Minimum System Configuration

All configurations shown are minimum recommended requirements. Actual requirements may vary.

MarketView FrontOffice – Windows 2000 or higher (XP, Vista, 7)

☐ Processor   Pentium 2 Ghz or higher
☐ RAM   2 GB or more
☐ Hard Drive   25MB Disk Drive Space (available)
☐ Web browser   MS Internet Explorer 6 or higher
☐ Java   Sun Java Runtime v1.6

MarketView FrontOffice Uses Java

The MarketView FrontOffice application uses the Java platform to run on your computer. In order for it to run properly and reliably, your computer will first need to have the Java™ Runtime Environment (JRE). With Java, there are two options for running the MarketView FrontOffice application:

Option 1 – Using Java Web Start, which comes bundled with the Java 1.6 Run Time Plug-in, to run as a desktop application.

Option 2 – Install the Java Runtime Plug-in and run as web browser applet.

Choose the option that works best for you and follow the steps outlined below.

To Install Java Plug-in and Java Web Start

If you are using Microsoft Internet Explorer web browser (version 6 or higher) and MS Windows, the installation will be automatic the first time you run MarketView FrontOffice. All Java downloads are supplied by Sun Microsystems.

If you use another web browser, we recommend that you use the Java Web Start option.

Firewall Configuration

For MarketView FrontOffice users that are connecting to the Internet through their corporate network (LAN or WAN), there will likely be coordination required with their in-house technology staff. Some corporate networks may have Firewall systems in place that protect the corporate network and control the conversations that applications can have across the Internet. If the machine that will run the MarketView FrontOffice application is behind a Firewall or Proxy, then a configuration change to allow the client application to initiate a connection will probably be necessary.

When the MarketView FrontOffice application initiates a connection to the Internet server, it initializes a Winsock TCP connection to the server by issuing an "*active open*" to a defined port on the server. For the client to be successful in establishing and maintaining this connection to the server, the following points are required:

1. The desired service on the server must have issued a Winsock TCP "*passive open*" on its assigned port. The servers are maintained by GlobalView ensuring that this "passive open" state always exists.

2. The client must be able to connect to the requested service Winsock port (on the server) via the TCP transport protocol. If the client is logically located behind a firewall, then the firewall must be configured to allow a duplex (bi-directional) conversation between the GlobalView client and server to be established.

3. The Internet connection oriented must maintain a continuous connection and a high-level of service quality throughout the application session.

4. The client must first establish a connection to a Permission server. This requires the client to have a valid and current User ID, Domain, and Password for MarketView FrontOffice service.

5. It is highly recommended that firewalls are configured utilizing the server naming convention where possible, rather than IP addresses. This will avoid any future maintenance to compensate for IP address changes.

TCP Port Assignments

The MarketView FrontOffice web-hosted Internet servers operate on port 6487 or port 80 using these names:

Server Name	IP Address
MVMTPRI.GVSI.COM	206.155.48.101
MVMTSEC.GVSI.COM	206.155.48.102
MVMTTRI.GVSI.COM	206.155.48.103
MVMTQUA.GVSI.COM	206.155.48.104
MVMTQUI.GVSI.COM	206.155.48.105
MVMTSEN.GVSI.COM	206.155.48.106
MVMTSEP.GVSI.COM	206.155.48.107
MVMTOCT.GVSI.COM	206.155.48.108
MVMTCHT.GVSI.COM	206.155.48.109
MVMTB01.GVSI.COM	216.52.81.38
MVMTB02.GVSI.COM	216.52.81.39