



# MarketView®

## TECHNICAL SPECIFICATIONS

February 19, 2016

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## I. OVERVIEW

MarketView Desktop and ExcelTools allow easy access to robust real-time, historical, and customer-proprietary datasets, providing an exceptional data management solution to anyone with internet connectivity. This document provides information related to installation, bandwidth use, minimum computer requirements, and firewall configurations required to get MarketView running on your machine.

## II. CUSTOMER SUPPORT

For questions regarding GlobalView products, please contact support at:

**Americas** / +1 800 394 1220

**Europe/Africa** / +44 207 405 9400

**Asia-Pacific/Middle East** / +65 6339 6650

General support email - [support@marketview.com](mailto:support@marketview.com)

API and developer email - [apisupport@marketview.com](mailto:apisupport@marketview.com)

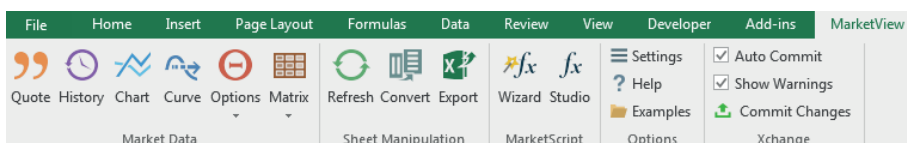
## III. LAUNCHING APPLICATIONS

To get started, go to our website [www.marketview.com](http://www.marketview.com). From here you can launch both of our FrontOffice applications. If you want to launch:

**MarketView Desktop** - Simply click **LAUNCH** found in the top right corner of the website to download the ClickOnce application through HTTP. The ClickOnce application is digitally signed, you can read more about Microsoft's ClickOnce technology here: <https://msdn.microsoft.com/en-us/library/t71a733d.aspx>. If ClickOnce applications are blocked, we will send you an administrative install so users can launch from All Programs.

**ExcelTools** - Hover over Support Center and select Downloads. Here you can select our latest version to install on your machine. Once installed, the add-in will show up within a MarketView tab of Excel 2007 or newer and on the homepage of 2003.

2007  
2010  
2013  
2016



2003



## IV. CONNECTION PROTOCOL

Connect to GlobalView servers in one of three ways:

1. Through port 6487. This is binary bi-directional traffic where the application sends subscription requests (such as 'subscribe me to a /GCL quote') and our servers respond by sending an initial snapshot followed by updates whenever the quote changes.
2. Through 443, with proxy traversal. This is the same type of traffic as the port 6487 above only wrapped in SSL.
3. Through a persistent HTTP connection for data update download paired with numerous HTTP connections for sending requests. This is our lowest priority connection method as it's inefficient.

Aside from one of these connections that is made for streaming market data, our applications also make numerous HTTPS requests for static data to our data centers, as well as HTTP or HTTPS requests for news stories, and third party content such as Platts etc.

## V. COMPUTER SPECIFICATIONS

### Bandwidth

GlobalView products will use approximately 15K bytes/sec for sustained use and up to an additional 200K bytes/sec when first launched. Bandwidth can vary greatly depending on the complexity of workspaces and the number of quotes being utilized.

### Minimum Requirements

Operating System:	Windows 8, Windows 7, Windows 10.
Processor:	Dual-Core.
Memory:	4GB RAM.
Video Card:	Mid-range with hardware acceleration.

## VI. PORT ASSIGNMENTS

For optimal performance we recommend opening the following ports and IP addresses. Port 6487 allows us to have a true persistent connection without interruption from other internet traffic. If the ports listed are not open then the proxy settings within Internet Explorer will be used.

### MARKETVIEW & EXCELTOOLS

DC1	DC2	Port
206.155.48.101	216.52.81.38	6487/443
206.155.48.102	216.52.81.39	6487/443
206.155.48.103	216.52.81.40	6487/443
206.155.48.104	216.52.81.41	6487/443
206.155.48.105		6487/443
206.155.48.106		6487/443
206.155.48.107		6487/443
206.155.48.108		6487/443
206.155.48.109	216.52.81.112	6487/443
206.155.48.95	216.52.81.95	80/443
206.155.48.96	216.52.81.96	80/443
206.155.48.98	216.52.81.98	80/443
206.155.48.10	216.52.81.35	80/443

### MARKETVIEW WEBSITE

206.155.48.10      216.52.81.35      80/443

### WEB SERVICE (webservice.gvsi.com)

206.155.48.97      216.52.81.97      80/443

### SOAP WEB SERVICE (mvwebapi.gvsi.com)

206.155.48.99      216.52.81.99      80/443

### MARKETVIEW XCHANGE & MOBILE

206.155.48.31      216.52.81.31      80/443

### MARKETVIEW FTP SERVERS

206.155.48.4      216.52.81.7      21

206.155.48.5      216.52.81.11      21

206.155.48.6      216.52.81.12      21

### MARKETVIEW SFTP SERVERS

206.155.48.25      216.52.81.25      22

206.155.48.26      216.52.81.26      22