



MRI Investment Modeling

System Requirements

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Every released version of MRI products gets its own release notes. However, system requirements are only updated when changes have been made to the product that require changes to documentation. If there is no document specific to your version, use the most recent corresponding document (which may refer to an earlier version of the software).

About This Document

This document applies to Investment Modeling versions 8.37 and up, until a new version of this System Requirements guide is published.

MRI's Global Professional Services and Global Client Support teams are available to provide assistance where needed.

System Requirements

SaaS User Workstation

The following configuration is recommended for client user workstations, which access a MRI Investment Modeling SaaS environment through a Citrix Receiver.

- Processor running at 3.0 GHz or better
- Hard disk with 10GB free space
- 8 GB RAM
- Windows 7 or higher
- Citrix Receiver
- Microsoft .NET Framework Version 4.5 or higher
- 100/1000 Mbps Network card with Internet connection
- 1024 x 768 pixel resolution

Optional Devices

Printer

Use a high-speed color laser printer for best results printing graphics-intensive reports. An A3 (large format) printer is recommended for printing large report formats, such as the Rent Roll.

Monitor

Use a 23" monitor supporting 1680 x 1050 pixel resolution or better to make the best use of Investment Modeling's spreadsheet-style reporting.

Global Valuations Desktop

Unlike the SaaS offering, the desktop product is installed on an end user's workstation. The following configuration is recommended for installing Global Valuations Desktop:

- Processor running at 3.0 GHz or better
- Hard disk with 2GB free space
- 8 GB RAM
- Windows 7 or higher

- 100/1000 Mbps Network card
- 1024 x 768 pixel resolution or higher
- Microsoft .NET Framework Version 4.5 or higher
- An internet connection is required for installation and licensing of Global Valuations Desktop (but is not required after this step)

Self-Hosted Servers

The best configuration for your server depends on the number of concurrent users you expect to have using the system. Note that the number of properties and history the system must manage will affect system performance and may increase these requirements.

Application Server (Citrix) / Remote Desktop Session Host Server

It is recommended that you have a separate server for every ten concurrent users with load balancing enabled. The following is recommended for up to ten concurrent user sessions:

- Quad multi-core server CPU (Xeon E series or equivalent) running at 3.0 GHz or better
- 15K hard disk in RAID 1 or RAID 10 configuration with at least 120 GB of free space
 - SAN systems are recommended for larger servers
- 32 GB of RAM
 - For Citrix or Terminal Server implementations, allow for at least an additional 1 GB per concurrent user
- Microsoft .NET Framework Version 4.5
- Windows 2012 and above
- 1000 Mbps Network Card

Database Server

Five Concurrent Users

The following configuration is recommended for up to 5 concurrent user sessions:

- Quad-core server CPU (Xeon E series or equivalent) running at 3.0 GHz or faster
 - 3 hard disks with at least 64Gb of free space
 - MRI recommends separating OS, Data, and Log physical volumes
 - 32 GB RAM
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- Microsoft .NET Framework Version 4.5 or higher
- Windows 2012 Server
- Microsoft SQL Server 2012 and above
- 1000 Mbps Network Card
- 1024 x 768 pixel resolution

Twenty-Five Concurrent Users

The following configuration is recommended for up to 25 concurrent user sessions:

- Quad-core server CPU (Xeon E series or equivalent) running at 3.0 GHz or faster
- Three 15K hard disks in RAID1 configuration with at least 72 Gb of free space
 - MRI recommends separating OS, Data, and Log physical volumes
- 64 GB RAM
- Microsoft .NET Framework Version 4.5 or higher
- Windows 2012 Server
- Microsoft SQL Server 2012 and above
- 1000 Mbps Network Card

One Hundred Concurrent Users

The following configuration is recommended for up to 100 concurrent user sessions.

- Quad-core server CPU (Xeon E series or equivalent) running at 3.0 GHz or faster
- 15K hard disks in RAID1 or RAID 10 configuration with at least 120 GB of free space
 - SAN systems are recommended for larger servers
 - MRI recommends separating OS, Data, and Log physical volumes
- 128 GB RAM
- Microsoft .NET Framework Version 4.5 or higher
- Windows 2012 Server
- Microsoft SQL Server 2012 and above
- 1000 Mbps Network Card.