erwin Evolve

System Requirements

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System requirements

Evolve Suite 2020.1.1

Hardware requirements

	Database Type	Minimum	Recommended
Memory	Stand-alone Networked*	6 GB ‡ 8 GB	8 GB ‡ 16 GB
Processor	Stand-alone Networked* Stand-alone	Intel i5 Dual-Core 2Ghz or later Intel i5 Dual-Core 2Ghz or later 1 GB + size of repository (maximum 5 GB)	Intel i7 Quad-Core 2Ghz or later Intel i7 Quad-Core 2Ghz or later 1 GB + size of repository (maximum 5 GB)
Available disk space	Networked*	1 GB + size of repository (maximum 5 GB)	1 GB + size of repository (maximum 5 GB)

* Networked means the database is a shared SQL repository on your network.

‡ For best performance memory should be at least the size of your largest model or your repository (if working with all models simultaneously).

Note: you may require more available disk space during installation.

Software requirements

Supported operating systems:	Required software:
Windows 10 (64bit recommended) Windows Server 2019 Windows Server 2016	Microsoft .NET Framework 4.7.2 MDAC 2.8 or later Windows Installer 4.5 is required for installing the stand-alone database option
Optional software:	
If installing Communicator4Word: Microsoft Office 2013 Microsoft Office 2016 If installing V-Modeler: Microsoft Office Visio 2013/2016 (32-bit versions only*)	

* While V-Modeler can run on a 64-bit version of Windows, it cannot be installed for a 64-bit version of Visio. Visio has 32-bit and 64-bit versions. Please check which version you are using before installing V-Modeler. To do this run Visio and go to File > Help – the About Microsoft Visio section contains the version details.

Connecting to SQL Server

There is no additional software required to connect to SQL Server.

Virtual machines

Quest Software, Inc. formally tests Evolve Suite in Microsoft Hyper-V environments. If you experience problems running Evolve Suite in any other virtual environment, and these problems cannot be reproduced outside the virtual environment, Erwin Inc. requires that you seek support from your virtualization vendor. Virtual environments must be configured as per the System Requirements for the equivalent real machine.

Quest Software, Inc. does not support the investigation of performance issues for virtual environments that have not been configured in line with the System Requirements.

Apart from performance problems caused by inadequate virtual machine resources, Erwin Inc. is not currently aware of any problems running Evolve Suite on Citrix and VMware.

Database requirements

SQL Server

Recommended	
Memory	8 GB
Processor	Modern Server class processor, such as Intel Xeon or AMD Opteron
Available disk space	10 GB or larger, depending on the size of your repository

Supported Environments:
- Microsoft SQL Server 2019 / 2017 /2016
- Windows Server 2019
- Windows Server 2016

The recommendations above are for a server installation dedicated to Evolve Suite usage.

Terminal Server Requirements

Hardware Requirements

	10 to 16 users	16 to 32 users
Memory	8 to 12 GB	12 to 24 GB

Processor	Modern Server class processor, such as Intel Xeon or AMD Opteron	Modern Server class processor, such as Intel Xeon or AMD Opteron
Cores	8 Cores (balanced) Calculate 1 CPU core per 2 users. For example: a 4 core machine will support up to 8 users.	16 Cores (balanced) Calculate 1 CPU core per 2 users. For example: an 8 core machine will support up to 16 users.
Available disk space	See client details	See client details

Supported Environments:

- Windows Server 2019
- Windows Server 2016

Notes:

- The client installation on the Terminal Server cannot have a stand-alone database and must be connected to a Evolve database server on a different machine.
- For more than 30 users we recommend multiple servers.
- You should verify that your chosen operating system can make use of your machine's available memory.

User Memory Requirements

User memory requirements are dependent on the number of Evolve Suite users and the type of usage.

User	Memory (RAM)	Tasks
Standard user	700 MB	Creating and editing diagrams
Publishing user	3 GB	Creating reports in HTML or Word using Corporate Publisher
Model Manager	2 GB	Using import/export features

The details shown above are dependent on both the size of the model and the complexity of the diagrams. The more complicated the model and/or diagram, the more memory required.

Notes:

- For Model Management, the amount of memory required over and above that of the standard user needs to be at least five times the size of all the models and XML files involved*.
- For Corporate Publisher, assume at least 10 times the size of all the models and XML files involved*.
- Model Management of large models is not recommended on Terminal servers.
- Publishing large models is not recommended on Terminal servers.

Total memory requirements

With Evolve Suite, one central process maintains logon information while additional processes perform specific tasks. It means that there are always more processes running than are visible on the taskbar.

For example, a dedicated Terminal Server, connected to SQL Server, to be used by up to 10 concurrent Evolve Suite users, plus one Model Manager and one publishing user, would have the following memory requirements:

Item	Memory required (RAM)
Operating System requirements	256 MB (recommended by Microsoft)
Citrix Meta Frame	64 MB (if installed)
Standard user (x10)	700 MB x 10 = 7000 MB
Publishing user	3000 MB
Model Manager	2000 MB
Total used when connected to SQL Server	**12,320 MB**

About Us

Quest creates software solutions that make the benefits of new technology real in an increasingly complex IT landscape. From database and systems management to Active Directory and Office 365 management, and cyber security resilience, Quest helps customers solve their next IT challenge now. Around the globe, more than 130,000 companies and 95% of the Fortune 500 count on Quest to deliver proactive management and monitoring for the next enterprise initiative, find the next solution for complex Microsoft challenges and stay ahead of the next threat. Quest Software. Where next meets now. For more information, visit www.quest.com.

Technical support resources

Technical support is available to Quest customers with a valid maintenance contract and customers who have trial versions. You can access the Quest Support Portal at https://support.quest.com.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to-videos
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product.