

Mo.net

Hardware & Software Requirements for Mo.net Platform Components

May 2023
Revision 2

Purpose

The purpose of this document is to describe the hardware and software requirements required for running the desktop and enterprise services components of the Mo.net Financial Modelling Platform.

Background

This document describes the suggested minimum infrastructure requirements for running the various components provided as part of the Mo.net Financial Modelling Platform. The precise requirements for any given implementation will be somewhat dependent the type & dimensions of the models, data and results being developed, and the required performance of any operational work to be carried out in the development environment. The Mo.net platform does not require exotic infrastructure to run perfectly adequately for the majority of users.

Desktop - Processor, Memory, and Operating System Requirements

Component	Requirement
Memory*	<p>Minimum: 4 GB Recommended: 8 GB</p> <p>*The memory requirement will largely be dependent on the volume of data being cached by an individual model during operation. Data caching is not essential for model operation but will increase performance due to reduced disk / network IO.</p>
Processor Speed	<p>Minimum: x64 Processor: 1.4 GHz Recommended: 2.0 GHz or faster</p>



Component	Requirement								
	The processor clock speed will directly impact the performance of any model running within the development environment.								
Processor Type	x64 Processor: AMD Opteron, AMD Athlon 64, Intel Xeon with Intel EM64T support, Intel Pentium IV with EM64T support								
Cores	Minimum: 2 Recommended: 8								
Network Adapter	Gigabit Ethernet adapter (10/100/1000baseT PHY/MAC) for networked applications – data sourced from / written to network file shares or DBMS environments. All components of the platform (including worker nodes) also require access to the internet to connect to the licensing server at least once every 30 days.								
Hard Disk Requirements	<p>Minimum hard-disk space required for installation:</p> <table border="1"> <tbody> <tr> <td>Mo.net Model Development Studio</td> <td>210MB</td> </tr> <tr> <td>Mo.net Documentation Service</td> <td>35MB</td> </tr> <tr> <td>Mo.net Diagram Tool</td> <td>30MB</td> </tr> <tr> <td>Mo.net Worker Services and Worker Services Manager</td> <td>120MB</td> </tr> </tbody> </table> <p>Additional space will be required to store model code, binaries and associated assumption data.</p>	Mo.net Model Development Studio	210MB	Mo.net Documentation Service	35MB	Mo.net Diagram Tool	30MB	Mo.net Worker Services and Worker Services Manager	120MB
Mo.net Model Development Studio	210MB								
Mo.net Documentation Service	35MB								
Mo.net Diagram Tool	30MB								
Mo.net Worker Services and Worker Services Manager	120MB								

Enterprise Services - Processor, Memory, and Operating System Requirements

Component	Requirement						
Memory*	Minimum: 4 GB Recommended: 8 GB The memory requirement will largely be dependent on the volume of data being cached by an individual model during operation. Data caching is not essential for model operation but will increase performance due to reduced disk / network IO.						
Processor Speed	Minimum: x64 Processor: 1.4 GHz Recommended: 2.0 GHz or faster The processor clock speed will directly impact the performance of any model running within the development environment.						
Processor Type	x64 Processor: AMD Opteron, AMD Athlon 64, Intel Xeon with Intel EM64T support, Intel Pentium IV with EM64T support						
Cores	Minimum: 4 Recommended: 8						
Network Adapter	Gigabit Ethernet adapter (10/100/1000baseT PHY/MAC)						
Hard Disk Requirements	<p>Minimum hard-disk space required for installation:</p> <table border="1"> <tbody> <tr> <td>Mo.net Quotations Service</td> <td>50MB</td> </tr> <tr> <td>Mo.net Enterprise Service Manager</td> <td>100MB</td> </tr> <tr> <td>Mo.net Identity Service and Identity Service Manager</td> <td>105MB</td> </tr> </tbody> </table> <p>Additional space will be required to store model code, binaries and associated assumption data.</p>	Mo.net Quotations Service	50MB	Mo.net Enterprise Service Manager	100MB	Mo.net Identity Service and Identity Service Manager	105MB
Mo.net Quotations Service	50MB						
Mo.net Enterprise Service Manager	100MB						
Mo.net Identity Service and Identity Service Manager	105MB						

Desktop - Software Requirements

Component	Requirement
Operating System	Minimum: Windows Server 2012 R2 or later for server-based installations Windows 10 for workstation-based installations Recommended: Windows Server 2019 or later for server-based installations Windows 10 or later for workstation-based installations
.NET Framework	.NET Framework Version 4.6.1 or later.
Web Server	No requirement

Enterprise Services - Software Requirements

Component	Requirement
Operating System	Minimum: Windows Server 2012 R2 or later for server-based installations Windows 10 for workstation-based installations Recommended: Windows Server 2019 or later for server-based installations We don't recommend running mission-critical services on workstation-based installations
.NET Framework	.NET Framework Version 4.6.1 or later.
Web Server	IIS Version 10

Further Information

For more information regarding the infrastructure requirements of the Mo.net Financial Modelling Platform, please contact us:

Software Alliance Limited
 30 Stamford Street, London, SE1 9LQ
 Tel: +44 (0) 20 3964 2755
www.softwarealliance.net
hello@softwarealliance.net

© 2023 Software Alliance Limited. All rights reserved.

Mo.net is a registered trademark of Software Alliance Limited. All other brand names and product names used in this document are trade names, service marks, trademarks or registered trademarks of their respective owners.