

Exact Macola 10 REQUIREMENTS



This document addresses the minimum suggested requirements for deploying Exact Macola 10. Due to multiple industry changes and rapid equipment obsolescence, we recommend that you seek the advice of a networking equipment specialist as well as a knowledgeable Microsoft license specialist before making purchase commitments. Please refer to the information presented below as well as installation documentation for Exact Macola 10 as a purchasing aid.

Please take into account that third party software products such as Microsoft Windows, Microsoft Office and Microsoft SQL Server have their own system requirements which might be different from the system requirements of Exact Macola 10. Moreover, please note that Exact Macola follows the Microsoft support lifecycle policy. In this policy Microsoft provides guidelines for product support availability throughout a product lifecycle. For more information, see the Microsoft Support Lifecycle Policy.

CLIENT/WORKSTATION

Client/Workstation Operating System	Supported
Microsoft Windows 8 (32-bit and 64-bit) (recommended)	Yes
Microsoft Windows 7 (32-bit and 64-bit) Professional, Ultimate, Enterprise	Yes
Microsoft Windows 2012 Remote Desktop Services	Yes
Microsoft Windows 2008 R2 Terminal Server	Yes
Microsoft Windows 2008 Terminal Server (32-bit and 64-bit)	Yes

WEB BROWSERS

Web Browsers	Supported
Microsoft Internet Explorer 8, 9 and 10	Yes
Google Chrome ^{Note 5}	Limited
Mozilla Firefox ^{Note 5}	Limited
Apple Safari ^{Note 5}	Limited

MOBILE DEVICES

Mobile Device	Supported
Apple iPad with iOS 5.1 and later	Yes
Android version "Ice cream sandwich" and later	Yes

DATABASE ENGINES

Database Engine	Supported
Microsoft SQL Server 2012 (recommended) Enterprise, Standard, and Business Intelligence	Yes
Microsoft SQL Server 2008 R2 (32-bit and 64-bit) ^{Notes 1,2,3} Standard, Enterprise, or Developer	Yes
Microsoft SQL Server 2008 (32-bit and 64-bit) Standard, Enterprise, or Developer	No
Microsoft SQL Server 2005 (32-bit) Workgroup, Standard, or Enterprise	No

SIZING OF A DEDICATED DATABASE SERVER

Company Size	Database Size	Users	RAM	Cores (virtual)	Processors (physical)	Disk Speed
Small business	<20 GB	1 to 10	16 to 24GB	2 to 4	1 processor	10K
Medium business	20 to 75 GB	11 to 50	32 to 64GB	4 to 6	2 processors	10K
Large business	75 GB +	51+	64GB+	6 to 8	2 processors	15K

SERVER OPERATING SYSTEMS AND WEB SERVER

Server OS	Supported
Microsoft Windows Server 2012 and IIS 8.0 (recommended)	Yes
Microsoft Windows Server 2008 R2 and IIS 7.5 Standard or Enterprise	Yes
Microsoft Windows Server 2008 and IIS 7.0 Standard or Enterprise	Yes

ADDITIONAL SOFTWARE REQUIREMENTS

Additional Software	Supported
Microsoft Silverlight version 4.0 (minimum) on both clients and server	Yes
WCF Data Services 5.0 on web server	Yes
Microsoft .NET Framework 2.0	Yes
Microsoft .NET Framework 3.5 SP1	Yes
Microsoft .NET 4.0 on client and server (The Client Profile version is not sufficient)	Yes
Microsoft Message Queuing	Yes
Microsoft Office Note: Only Microsoft Office (32-bit) is supported. (installed locally)	Office 2007 Office 2010 Office 2013
SAP Crystal Reports 2011 ^{Note 4}	Yes

NOTES

Note 1: Running SQL Server as an instance is not supported for live business environments.

Note 2: Database disk space for the SQL Server database(s) is determined by transaction volume, setup options and data purging routines. Total disk space is affected by the use of a server for File and Print services as well as online backups. Careful monitoring of disk usage is recommended to prevent 'out of space' errors.

Note 3: In a network environment a Microsoft Active Directory (domain) needs to be present. The workstations, the SQL Server and the Windows Terminal Server need to be part of the same active directory.

Note 4: If you want to modify Exact Macola 10 Crystal Reports you have to use Crystal 2011. If you want to create your own Crystal Reports or run old reports you created on an earlier version of Crystal, you can do that outside of Exact Macola 10 using an earlier version of Crystal. Upgrading to Crystal 2011 is not 'technically' a requirement.

Note 5: Chrome, Firefox, and Safari are not supported for launching the CORE ERP screens except the browser object screens.

VIRTUALIZATION AND CLUSTERING

Exact Macola and Microsoft SQL server in a VMWare/HyperV virtual environment may be a configuration option for customers; however, any performance issues with SQL and Exact Macola in a virtual environment or any issues with the virtual environment itself are solely the responsibility of the customer and not the responsibility of Exact. We encourage those who are not comfortable with supporting SQL performance in a virtual environment to run the SQL server on a physical dedicated server, as opposed to a virtualized server.

Exact is aware of customers who successfully run SQL server and Exact Macola in virtual environments. As a result, it is Exact's understanding, that if the virtual environment is configured, maintained, and supported by knowledgeable staff, then this setup may perform adequately. Microsoft supports SQL server in a virtual environment; refer to the Microsoft support policy on the Microsoft website.

Windows Clustered Server configurations and Replication are not supported.

TERMINAL SERVER FOR EXACT MACOLA 10

The Terminal Server SHOULD NOT host the Microsoft SQL Server due to security and performance concerns. The Terminal Server SHOULD NOT host the Internet Information Server due to performance concerns.

Exact Macola 10 requires a primary network installation point from which each workstation is installed. The client cannot be run from this location.

Windows Terminal Servers require a certain amount of memory be set aside for the operating system leaving the rest for client sessions. It is recommended to leave 1 GB of memory for the Terminal Server to cover unexpected demands. When using Terminal 6 Server with highly active client sessions it is recommended to set aside an additional 128 MB of memory for each client session. Terminal Servers can be setup in groups to spread load over multiple servers. It is recommended to consult with a specialist before setting up a secondary Terminal to be certain it is warranted and configured properly.

