Abila Millennium System Requirements

Web Server (IIS) Requirements

Important! The Web Server (IIS) *cannot* be the primary or backup domain controller.

Component	System Requirements
Operating System	• Windows Server 2012 R2 • Windows Server 2008 R2 (64-bit with IIS running in 32-bit mode) • Windows Server 2008 (32-bit only) with SP2 **Important!** Windows Server 2008 (32-bit only) with SP2 operating system does *not* meet the minimum operating system requirements if you will be using Millennium Drive.
Software	• **Oracle sites**: Oracle 11.2.0.1 or newer, including Oracle 12. Client tools installed on the Web Server (IIS): Oracle 32 bit: Oracle 11.2 or newer. Oracle 64 bit: Oracle 11.2 or newer. Both 32-bit and 64-bit client tools must be installed. • Internet Information Services (IIS) 7.0 or 7.5 • Microsoft .NET Framework 4.5 Full. However, the installation wizard will install .NET 4.5 before it begins installing Abila Millennium 2014.1 if it is not installed. • Crystal 2008 SP4 runtime components will be installed if they are not already on the Web Server (IIS) computer. These components are needed to view On Demand reports. • *Highly recommended*: SSL is implemented. **Important!** To access Millennium Drive, SSL *must* be implemented. You must use a valid SSL certificate. We strongly recommend not using a self-signed certificate.
Processor (CPU)	• Intel 2 GHz Pentium-or better.

Component	System Requirements
	• Larger networks and database will require faster processors.
Memory (RAM)	• 4 GB minimum. More memory may be required for larger databases. Please refer to your SQL Server requirements.
Disk Space	• 4 GB minimum for system and program.

Database Server Requirements

Component	System Requirements
Processor (CPU)	• Multi-processor 2 GHz Pentium or better. *Larger networks and databases will require faster processors*.
Memory (RAM)	• 4 GB minimum. More memory may be required for larger databases. Please refer to your SQL Server requirements.
Disk Space	• 6 GB minimum for system and program. *Disk space will need to increase as your database size increases*.

Database Requirements

Component	System Requirements
Database Engine	• SQL Server 2012 installed in Mixed Mode • SQL Server 2008 R2 installed in Mixed Mode • The collation on the **milldata** and **millreports** database must match, and we recommend using **Latin 1_ General_BIN**. However, if the **master** and **tempdb** databases have a collation other than **Latin 1_ General_BIN**, you may need to select a different collation. To eliminate collation issues when joining on chapter columns between databases, the **milldata**, **millreports**, **master**, and **tempdb** databases should have the same collation. Regardless of character set, use a **BIN** (binary) sort. • **Oracle sites**: Oracle 11.2.0.1 or newer, including Oracle 12. Client tools that are installed on the Web Server (IIS) and Reporting Server computers: Oracle 32 bit: Oracle 11.2 or newer. Oracle 64 bit: Oracle 11.2 or newer. Both 32-bit and 64-bit client tools must be installed.

Reporting Server Requirements

Component	System Requirements
Operating System	• Windows Server 2012 R2 • Windows Server 2008 R2 • Windows Server 2008 (32-bit only) with SP2
Software	• Microsoft .NET Framework 4.5 Full. However, the installation wizard will install .NET 4.5 before it begins installing the Abila Millennium 2014.1 Reporting Server if it is not installed. • Crystal 2008 SP4 runtime components will be installed. Report writers can use Crystal 8.5, 9, 10, XI Professional Edition, or Crystal 2008. Crystal 2011 can be used by report writers but some of its new features, notably the RPTR report

Component	System Requirements
	• format and export to docx and xlsx, will not function. Refer to *KB article 1086* at abila.com/support/knowledgebase for specific version compatibility information.
Database Engine	If data is replicated from your production database for this reporting server, you need one of the supported database engines for the replicated database: • SQL Server 2012 installed in Mixed Mode • SQL Server 2008 installed in Mixed Mode • The collation on the **milldata** and **millreports** database must match, and we recommend using **Latin 1_ General_BIN**. However, if the **master** and **tempdb** databases have a collation other than **Latin 1_ General_BIN**, you may need to select a different collation. To eliminate collation issues when joining on chapter columns between databases, the **milldata**, **millreports**, **master**, and **tempdb** databases should have the same collation. Regardless of character set, use a **BIN** (binary) sort. • **Oracle sites**: Oracle 11.2.0.1 or newer, including Oracle 12. Client tools installed on the Web Server (IIS) and on the Reporting Server: Oracle 32 bit: Oracle 11.2 or newer. Oracle 64 bit: Oracle 11.2 or newer. Both 32-bit and 64-bit client tools must be installed.
Processor (CPU)	• Intel 2 GHz Pentium or better. • Multiprocessor 1 GHz Pentium or better (replicated). *Larger networks and databases require faster processors*.
Memory (RAM)	• 2 GB minimum. More memory may be required for larger databases. Please refer to your SQL Server requirements.
Disk Space	• 4 GB minimum for system and program.

Workstation Requirements

Component	System Requirements
Operating System	• Windows 8 64 bit • Windows 7 • Windows Vista *The latest service pack is recommended.*
Windows System Software	• Microsoft Internet Explorer 11.0 • Microsoft Internet Explorer 10.0 For Microsoft Internet Explorer, ***Compatibility View must be off***. • Firefox 28 • Chrome 34 • Sun Java 1.7.0_60 (see *KB article 1061*) • Adobe Acrobat Reader • Outlook 2003, 2007, 2010 or 2013 is required if you will be integrating Abila Millennium Tasks with Microsoft Outlook, and/or uploading Abila Millennium contact information into Outlook contacts. *Disable the pop-up blocker feature on your browsers. Blocking pop-ups may interfere with some functionality, including Help and Linking.*
Macintosh System Software	• Macintosh OS 10.8.5 • Firefox 28 • Sun Java 1.7.0_60 • Adobe Acrobat Reader *Disable the pop-up blocker feature on your browsers. Blocking pop-ups may interfere with some functionality, including Help and Linking.*
Processor (CPU)	• Intel 2 GHz Pentium or better.

Component	System Requirements
Memory (RAM)	• 1 GB minimum
Video Adapter	• Capable of 1024 x 768 resolution or higher • 32-bit color

Visual Analyzer (QlikView) Requirements

Important! Do not install Visual Analyzer (QlikView) on the same server as your Abila Millennium Web Server (IIS).

Component	System Requirements
Operating System	• 64-bit server running Windows Server 2008

Software	Internet Information Services (IIS) 7.0 or 7.5, including the following components:
	• Web Server:
	  ◦ Application Development - All
	  ◦ Security: Windows Authentication, Basic Authentication, Request Filtering, IP and Domain Restrictions.
	• Management Tools - IIS Management Console
	Oracle sites:
	Client tools installed on the Web Server (IIS) and on the Reporting Server:
	Oracle 32 bit: Oracle 11.2 or newer client tools.
	Oracle 64 bit: Oracle 11.2 or newer client tools. Both 32-bit and 64-bit client tools must be installed.

Processor (CPU)	• Intel 2 GHz Pentium-or better.
Memory (RAM)	• 4 GB minimum.