

March 2012

IRIS Exchequer MS SQL Edition

Technical specification (Recommended)

Storage requirements

Application

Approx 800MB

SQL Engine

Approx 700MB+

Data per 10,000 transactions

Approx 70MB

Maximum Value stored (system wide)

11 significant digits (999,999,999.99)

The maximum total value is applicable to all modules and associated transaction types. All totals and balances, individual or cumulative are subject to the same maximum value of 999,999,999.99

Network server operating system (OS)

Microsoft Windows Server 2008 (32-bit & 64-bit)

Microsoft Windows Server 2003 (32-bit & 64-bit)

Microsoft Terminal Server 2008

Microsoft Terminal Server 2003

Citrix Metaframe XP (Citrix XP)

Citrix Presentation Server v4+

Microsoft Small Business Server 2011 (SBS2011) (64-bit)

Microsoft Small Business Server 2008 (SBS2008) (64-bit)

Microsoft Small Business Server 2003 (SBS2003) (32-bit)

Server processor

Microsoft Windows 2008/2003

Intel or compatible Pentium Xeon quad core

Microsoft Terminal Server/Citrix

Intel or compatible Pentium Xeon quad core

SBS2011/2008/2003

Intel or compatible Pentium Xeon quad core

IRIS recommend a dedicated server for IRIS Exchequer.

Server RAM

Microsoft Windows 2011

Minimum 8GB/64-bit server

Microsoft Windows 2008

Minimum 8GB/64-bit server

Microsoft Windows 2003

Minimum 8GB/64-bit server

Microsoft Terminal Server/Citrix

Minimum 4GB

Disk configuration

Microsoft recommendation

RAID 1 for operating system and applications

RAID 5 for SQL database log and data files

For larger datasets

RAID 1 for operating system and applications (2 disks)

RAID 5 for SQL data files

RAID 1 for SQL database log files

RAID 0 for SQL back ups (full disk volume and log)

Database configuration

Recovery model

Simple

Database

Autogrowth: by 50MB, unrestricted growth

Database log

Initial size: 100MB

Autogrowth: by 10MB, restricted growth to 2,097,152

Workstation

Processor

Pentium Dual Core 2.5 GHz or higher

(Pentium Core 2 Duo recommended)

RAM

4GB recommended

Hard disk

Minimum 1GB

Operating system

Microsoft Windows XP, Vista Business and Windows 7 Professional

(IRIS Exchequer v6.3 or above includes support for Microsoft Windows 7 Professional)

Microsoft SQL engine specification

Microsoft SQL Server engine required

For IRIS Exchequer minimum supported Microsoft SQL Server 2005 Standard SP2 or above

For IRIS Exchequer LIVE minimum support Microsoft SQL Server 2008 Standard SP1 or above

Microsoft SQL engine configuration

- CLR Integration enabled
 - xp_cmdshell enabled* (or use Task Scheduler)
 - SQL Server & Windows Authentication Mode
 - Default index fill factor (90%)
 - Remote connections using TCP/IP & named pipes
 - Microsoft SQL Browser service enabled
- * Required when using the IRIS Exchequer Backup & Restore Utility within Microsoft SQL Maintenance Plans

Wide area networks

IRIS Exchequer MS SQL Edition requires Microsoft Terminal Services or Citrix in order to run over a wide area network (WAN)

IRIS Exchequer live prerequisites

- ASP.NET - V4 or above
- Microsoft IIS v7 or above (requires Windows Server 2008)
- Microsoft .NET Framework - .NET4 or above
- Microsoft Silverlight 4 or above
- Microsoft Internet Explorer v8 or above
- Microsoft SQL Server 2008 Standard SP1 or above
- Microsoft SQL Server 2012 is currently not supported