

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)

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 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

SBS2008/2003

Intel or compatible Pentium Xeon quad core

SERVER RAM

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

2GB minimum

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 7 Professional)

MICROSOFT SQL ENGINE SPECIFICATION

Microsoft SQL Server engine required

Microsoft SQL Server 2008 Standard edition or above

Microsoft SQL Server 2005 SP2 Standard edition or above

MICROSOFT SQL ENGINE CONFIGURATION

- CLR Integration enabled
- xp_cmdshell enabled
- 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 recommend a dedicated server for IRIS Exchequer.

IRIS EXCHEQUER LIVE PREREQUISITES

- ASP.NET - V4 or above
- Microsoft Internet Information Services - IIS v7 of above
- Microsoft.NET Framework - .NET4 or above
- Microsoft Silverlight - Silverlight 4 or above
- Microsoft Internet Explorer - Microsoft Internet Explorer v8 or above



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