Speedwell Weather System

SWS Vs 6.6

The Open Weather Derivative Pricing and Risk Management System

Technical Requirements

Machine Specifications SWS Server Side:

- Operating system: Win2000 Server with SP2 or later or 2003.

- Minimum Specification

➢ **Processors**: Minimum Intel Pentium 4 processor 3 GHz, Dual Core Processor or Dual Processor Recommended.

➢ **Memory**: minimum 1 GB. 2 GB RAM are recommended.

➢ **Disk drive space**: 10 GB to 30 GB (depending on the number of historical datasets to be recorded in the database).

➢ **Database**: MS SQL Server 2005 or MS SQL Server 2008

- High-End Specification

For supporting a large number of users with a large database of historical data the following specification is suggested. The use of multiple disk drives permits easy data backups to be made and rapid restores to be achieved without resorting to archive.

➢ **Processors**: Quad Core Intel® Xeon processor 2.0 GHz or Higher

➢ **Memory**: 4 GB RAM.

➢ **Disk drive**: Multiple 73 GB drives in a RAID 5 configuration.

Database: MS SQL Server 2005 or MS SQL Server 2008

Machine Specifications Client Side:

- ➢ **Operating system**: Windows 2000, XP, Vista, Windows 7, 2003 or 2008.

- ➢ **Processors**: Minimum 2.4 GHz Intel Pentium IV or higher and AMD Athlon or Duron processors.

- ➢ **Memory**: Min 1 GB.

- ➢ **Disk drive**: Minimum 200 MB excluding the database. Standard set up requires 300 MB.

- ➢ **Screen resolution**: minimum 1024 * 768, 256 colours. Recommended 1280x1024 16 bits colours. Multiple screens supported.

Additional reporting and exporting functions within SWS may require MS Office 2000 or higher applications including Word, Excel and PowerPoint.

Network/Software Requirements:

SWS uses DCOM, MSMQ, SQL Server which all use their respective ports as documented by Microsoft.

The SWS .Net Servers uses by default the following TCP/IP port: 6325, 6326, 6327 and 6328.
The SWS .Net client uses by default the following TCP/IP port: 8524.

The SWS .Net client and server port numbers are configurable.

COM is based primarily on DCE RPC and uses port 135.
For more information Using Distributed COM with Firewalls please refer to:
http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dndcom/html/msdn_dcomfirewall.asp

For more information concerning network setup for MSMQ Access please refer to:
http://support.microsoft.com/kb/q183293/

SQL Server 2000 uses UDP port a433 and 1434 to establish communications
For more information concerning TCP Ports Needed for Communication to SQL Server Through a Firewall
http://support.microsoft.com/default.aspx?scid=kb;en-us;287932

Contact Us

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SWS is used by banks, funds, insurance and energy companies worldwide. If you think SWS could help your business we would be happy to offer you a demonstration of the product's capabilities.

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