SWS

Speedwell Weather System

SWS

The Open Weather Derivative Pricing and Risk Management System

Frequently Asked Questions

➢ What is SWS?

SWS is a software package produced and supported by Speedwell Weather Derivatives for pricing, risk management and back office support of the weather derivative trading process. SWS is an open system which runs on a Win32 platform. SWS is available as internally-installed application. It can also be hosted by us and delivered over the web. SWS has evolved continuously over eight years since its first release in 2002.

➢ Who are Speedwell Weather Derivatives (SWD)?

SWD was founded in 1999 and provides software, consultancy, weather data, weather forecasts and weather risk placements services. Speedwell have offices in the UK and USA.

➢ What does SWS consist of?

SWS is a client-server application using COM and .NET technology. Installation is simple and can be automated for easy distribution. SWS requires a database which can be a local installation or a server installation for a multi user application. Please see "SWS Technical Requirements".

➢ Are there any other components?

Yes. SWS Data Access is a separate application that automatically controls the update of weather data and forecasts and direct access to the database for those authorised. A centralised server performs certain calculations and distributes market data. Interfaces to live markets feeds are also available.

➢ What is the required hardware specification?

Please see the separate sheet "SWS Technical Requirements"

➢ What about weather data and forecasts?

While SWD would be pleased to also provide weather data, data feeds and forecast, we recognise that there are other suppliers. SWS integrates directly with third party suppliers of data and forecasts. It is also easy to integrate any proprietary internal data feeds or forecasts. This data simply needs to be provided in the documented SWS format on an FTP site. SWS supports multi-member ensemble forecasts.

➢ What impact will SWS make on my desktop pcs and servers?

In normal use, SWS client installations will make very limited use of system resources. These will be drawn upon briefly on an ad-hoc basis for periodic structure valuation. SWS also offers sophisticated and computationally intensive VaR simulation calculations. These may need to be run on a dedicated machine or on an over-night batch basis.

➢ How is SWS supported?

Full support and entitlement to future upgrades is included in the annual charge.

➢ **How often are new versions of SWS released?**
Approximately every nine months.

➢ **Is the client obliged to accept the latest version of SWS ?**
No, but versions older than one year will not normally be supported.

➢ **Who Uses SWS?**
SWS is used by insurance companies, energy companies, banks and funds in Europe, Asia and the USA.

➢ **How easy is it to integrate with other systems?**
SWS is an open system. As a series of COM objects, other systems can easily access the functionality and data behind SWS. All tabular data can be exported into .csv files or into MS Excel.

➢ **What about security?**
All the users and permissions are controlled by a central super-user. All historical data changes and ticket changes are traceable through an audit trail. Any access to the database via the COM objects is secured by a password.

➢ **What licencing formats are available?**
SWS is available for a single user or multiple users. There is no constraint on functionality, portfolio size or limits to the numbers of calculations.

➢ **How is SWS implemented?**
SWD are pleased to work with clients to integrate SWS into existing back office or middle office systems. We are able to offer an on-site presence to install and train users in the initial stages of deployment. Full support is provided.

Further Information

Regarding software and consultancy services please see www.SpeedwellWeather.com or contact:
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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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