



Speedwell Weather System

The Open Weather Derivative Pricing and Risk Management System

SWS Version 9.0 What's New?

SWS Version 9.0 Beta will be released in February 2014
This document previews its new features and enhancements

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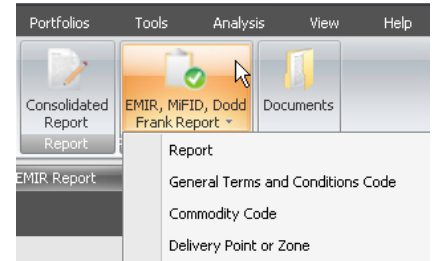


.Net Engine

In the previous two versions of SWS, the user interface was significantly enhanced by moving to .Net. In Version 9, the core engine code has now been rewritten in .Net. By removing the 32 bit COM API, SWS is faster, more robust and has built the foundations for future development.

EMIR, MiFID, Dodd Frank Reporting

SWS has been enriched with regulatory reporting facilities. Modifications have been made to the counterparties, trade booking and trade life cycle management screens. Many new forms have been created to provide the additional information needed for those reports.

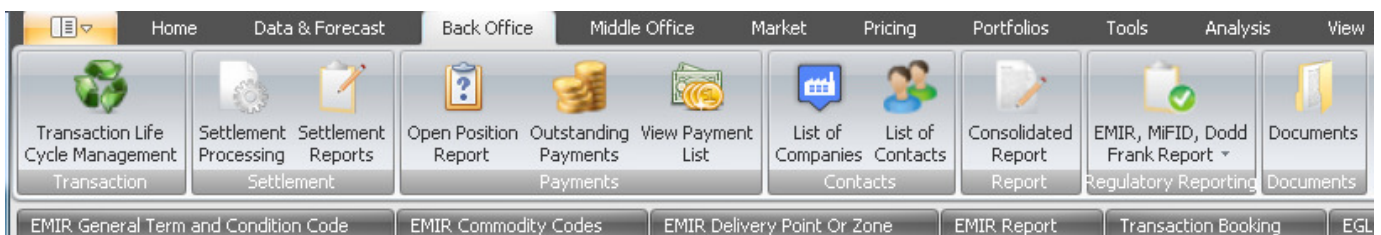


Extended Trade booking features to satisfy regulatory reporting

| | | | | |
|---------------------------------------|--|---------------------------------------|---|--|
| REAL TRADE | | BUY SELL | OTC | |
| ID Derivative: 263 | EGL TAve H00 Feb 2014 Call 350 | | Trade Identifier: NOT SET | |
| Portfolio: UK Winter | Treat as DF Swap? <input type="checkbox"/> SWAP TRADE (Dodd Frank Regulations) | | Trade Execution Time: 28/01/2014 14:34 | |
| Counterparty: A Power Company | Trans. Description: | Condition Code: ISDA Master Agreement | Settlement Type Code: CASH | |
| Quantity: 1 | Payment Ref.: | Algorithm Description: | Is Cleared? <input checked="" type="checkbox"/> | |
| Trans. Date: 28/01/2014 | Ticket Number: 1 | Delivery Point or Zone: NOT DELIVERED | Commodity Code: Weather Index | |
| Trans. Currency: GBP | User's Ticket Ref.: | | | |
| Broker: | User's Portfolio Ref.: | | | |
| Brokerage Amount: 0 GBP | Transaction Classification: OWNUSE - Own use | Transaction Matching: Matched Fully | | |
| Transaction Part ID: 1 | | | | |
| ID of Derivatives in this Part: 263 | | | | |
| Cash Flow: 10,000.00 | Premium Payment Due Date: 28/01/2014 | | | |
| Calculation Date: 05/03/2014 | Settlement Due Date: 05/03/2014 | Ref. For Counterparty: | | |
| Post Settlement Due Date: 29/05/2014 | Remarks: | | | |
| Account Ref.: | | | | |
| EMIR Effective Date: 01/02/2014 00:00 | EMIR Termination Date: 28/02/2014 00:00 | | | |

User Interface improvements

An MS Office-like ribbon has replaced the menu in the SWS Desktop. Skins, Tabs and Screen management have been improved. Charts can be further customized and the user's specific settings are remembered.



Improved Risk Calculations

The Enterprise Portfolio Logic is now better integrated within SWS. Users can specify the portfolio risk model and view the historical report more conveniently. Support for CAT has been added to the mark to market summary report spreadsheet.



Document Management

We have introduced a new document management feature that lets you attach documents to transaction such as invoices and confirmations and to weather derivatives such as initial deal details.

| Category | ID | Title | Version | Saved Date | Added By | File Name | Original File Path | Size (kB) | Create Date | Last Modified Date | Originating Machine | |
|--------------------|----|------------------------|---------|------------------|------------|-------------|----------------------------|-----------|------------------|--------------------|---------------------|--|
| Type: Confirmation | | | | | | | | | | | | |
| Derivative | 64 | SWS_20140115_12131122 | 2 | 23/01/2014 14:35 | Trader | SYNOP.Fil | C:\Users\brookes\Documents | 3 | 07/11/2013 12:38 | 30/01/2013 13:14 | SPEEDWELL10... | |
| Derivative | 64 | SWS_20140115_12131122 | 1 | 22/01/2014 12:20 | Trial | SWS_2014... | C:\Users\morenom\Documents | 1 | 22/01/2014 08:32 | 15/01/2014 12:13 | SPEEDWELL10... | |
| Transaction | 1 | SWS_20140106_090620863 | 5 | 23/01/2014 16:43 | BackOffice | SWS_2014... | C:\Users\choprag\Documents | 5 | 23/01/2014 11:46 | 23/01/2014 11:46 | SPEEDWELL10... | |

Improved Back Pricing

The back pricing logic has been greatly improved for the situation where there is missing data but a forecast is available. In this case, the new engine will infill the data with the best available forecast.

32 / 64 bit and the COM API

The SWS 9.0 .Net API is written for 32 and 64 bit mode compatibility. However, one last 32-bit dependency remains: a dll which is used for the index and payoff formulas. For this reason SWS remains a 32 bit application for now. In a later release, this last dll will be replaced by IronPython which will provide two great benefits: full 64 bit mode and support for even more flexible user formulas!

Although the COM API is no longer supported, it is shipped with SWS 9.0. to allow transition of legacy code.

Please contact us to discuss your specific needs and dependencies on the API to see how to best migrate your code.

Release Date

SWS 9.0 Beta will be available in February 2014.

Acknowledgements:

.Net is a trademarks of the Microsoft Corporation.



Contacts

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