



## **COMPLETE TREASURY MANAGEMENT AND DERIVATIVE ACCOUNTING WITH STATE-OF-THE-ART TECHNOLOGY**

Financial Software Systems and Reval® offer a one-stop shop for best-of-breed derivative risk management and hedge accounting. Through an automated workflow integration of Spectrum and Reval®, real-time trade data flows through Spectrum to Reval®, allowing organizations to streamline internal processes, improve financial controls and make more effective decisions around financing, working capital, and hedging.

Financial Software Systems and Reval® use the latest in .NET technology to provide a SOAP-compliant distributed system. The combined solution utilizes a strongly typed WSDL message contract and XML as the conduit for client interaction with the distributed Software-as-a-Service applications. Clients can integrate their internal trade fulfillment and back office treasury systems with core business modules to complete the full derivative Straight-Through-Processing life cycle via automated integration.

### **Using Spectrum and Reval® together, clients can:**

- **Obtain robust financial instrument coverage** for FX, interest rate, money market, fixed income, equity, and commodity instruments
- **Capture trades through seamless integration** with Electronic Dealing Systems from Bloomberg, Thomson Reuters, FXall® and others
- **Access real-time data** from trading activities and open positions
- **Automatically generate payments** for SWIFT, CLS Settlement, FedWire®, CHIPS, ACH, third party payment systems, DDAs and drafts
- **Net payment debits and credits** by counterparty, currency, and/or transaction
- **Analyze net positions and calculate profits** in real-time
- **Forecast expected cash flows** in all currencies
- **Monitor counterparty, market and trader risks** in real-time
- **Facilitate the management** of complex positions through advance real-time analytical tools
- **Prepare GL accounting entries** related to all trading activity
- **Navigate the complexities related to hedge accounting** through an array of risk management tools, including market risk, stress testing, exposure and limit tracking, as well as operational risk and audit control
- **Identify the types of risks being hedged and produce the required documentation** to comply with hedge accounting requirements
- **Address ongoing hedge effectiveness measurements** using independent market data and battle-tested financial models
- **Automate compliance and regulatory requirements** with powerful, comprehensive reporting capabilities

## The Spectrum-Reval® Best-of-Breed Approach:

### Spectrum provides real-time data to all traders across a network.

Spectrum provides a high performance solution to manage substantial daily trading volumes across multiple trading platforms.



Real Time Trade Details via Automated Integration

### Reval® covers the life cycle of a derivative.

Reval® supports the entire breadth of accounting requirements for derivative instruments – across all stages of a derivative’s life cycle.



**ABOUT FINANCIAL SOFTWARE SYSTEMS** Financial Software Systems is headquartered in Horsham, Pennsylvania, and produces Treasury and Financial Management software for banks, broker-dealers, and fund managers, covering the full range of front, middle and back office activities. Founded in 1992, Financial Software Systems provides portfolio management software for a complete range of foreign exchange, money market, interest rate, fixed income and equity instruments. The software is fully integrated to provide Straight-Through-Processing over a wide range of instruments, activities and markets.

**ABOUT REVAL®** Reval provides financial and accounting professionals with an award-winning Web-based platform that supports derivative risk management and hedge accounting. This Software-as-a-Service addresses the need for derivatives to comply with international regulations, such as ASC 815 (FAS 133), ASC 820 (FAS 157), Sarbanes-Oxley, IAS 39 and IFRS 7. The world’s leading corporations, financial institutions, and accounting and advisory firms rely on Reval to provide independent valuations of derivative transactions and to assist with the hedge accounting of foreign exchange, interest rates, energy, credit, commodities, and other asset classes.

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