MetaFluent Excel Add-In
Saving you time and money

Traditional Excel add-ins haven't kept pace with today's real-time data needs.

Business Issue

Trading organizations of all sorts use Microsoft Excel for pre- and post-trade analysis. As trading gets more complex, spreadsheets need to consume streaming market data for a broader range of instruments from a wider range of data sources. But traditional Excel add-ins have antiquated designs that struggle under modern workloads. They also have compatibility problems and consume large amounts of desktop resource. Traders either have to put up with sluggish spreadsheets or have to buy new workstations. That is, they're forced to sacrifice their time or their money.

The MetaFluent Add-in for Microsoft Excel provides:

- **High performance**

- **Small footprint**

- **Minimal configuration**

- **Support for all common versions of Microsoft Windows and Microsoft Office**

- **Data-vendor neutrality**

- **Intuitive .NET API**

The MetaFluent Solution

It doesn't have to be that way. The **MetaFluent Add-In for Microsoft Excel** is based on a new, streamlined approach that provides better performance and compatibility in a smaller footprint.

The MetaFluent Add-in extends Excel functionality with high-performance macros that provide real-time, publish-subscribe capability for dynamic data. Unlike competing solutions, all subscriptions utilize the efficient RTD mechanism built into Microsoft Excel. Together with an efficient underlying architecture geared to multi-core systems, this design enables Excel to remain responsive even at very high update rates—in excess of 100,000 updates/second on modern hardware.

The efficiency of the MetaFluent Add-in reflects the core design philosophy behind all of MetaFluent's client and server software: minimizing complexity and resource requirements on the desktop. The MetaFluent Add-In uses little CPU and memory, requires very little configuration, and receives data from a cluster of MetaFluent Servers using a very lightweight protocol.

The MetaFluent Add-In also improves compatibility with Microsoft products and with data systems. It supports a variety of Microsoft Windows and Microsoft Office combinations, including side-by-side Office installations. And by utilizing the abstraction features of the MetaFluent Server, the MetaFluent Add-In makes it easy for the designer to populate worksheet cells with data from multiple sources or to publish Excel-generated data into a variety of external systems.

The MetaFluent Add-in improves spreadsheet development in other ways, too. Designers can choose to subscribe to data in a tabular manner, using field lists with locally defined symbol lists or externally defined collections, such as Thomson Reuters chains. Data publishing scope can be limited to Excel, for testing purposes, or broadened to external systems. A simple and intuitive .NET API makes development in VBA or other .NET environments a snap.

The MetaFluent Add-In also offers comprehensive access to data state as well as administrative information and statistics in the form of synthetic fields and topics. This synthetic content provides the means to create robust business logic that handles the inevitable disruptions in real-time delivery systems as well as improving the end-user experience and reducing the effort required for support.

Let the MetaFluent Add-In for Microsoft Excel bring your spreadsheets into the 21st century—and turn more of your time into money.

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Feature details

Platforms
- Microsoft Windows XP SP3 32 bit
- Microsoft .Net Framework 3.5+
- Microsoft Office XP, 2007, 2010

Ribbon GUI support for Office 2007+
- Data browser – real-time data display to browse available fields
- Easy-to-use ribbon layout for macros
- Dynamic dashboard generation for on-demand administration

Subscribe
- Single fields or symbol lists
  - Control data conversion
  - Access data state and information text
- Complete collections, e.g. chains
  - Vendor-neutral construct enables other collections such as portfolios, order-books etc
- Support for update highlighting

Publish
- Local or remote to RMDS
- Control data precision

Comprehensive Documentation
- Extensive examples
- Context-sensitive help

High Performance
- All subscriptions based on Excel RTD
  - RTD hybrid push-pull model in effect for all dynamic data
  - Ensures Excel responsiveness even at high update rates
- Thread-aware implementation
  - Built for modern multi-core platforms
  - Light-weight and efficient binary protocol

.NET Desktop API
- Build applications in minutes
- Managed code
- .NET idioms for events
  - Use static or dynamic event binding in VB.NET
- Use in Excel or stand-alone
- Shares cache and connection when used from within Excel

Migration Support
- Convert Thomson Reuters PPP macros to MetaFluent macros:
  - Side-by-side add-in deployment
  - Full control over conversion – just highlight an area of the worksheet and click the mouse
  - Detailed logging available for your review

Available Soon

- Microsoft Windows 7 (32 and 64-bit)
- Microsoft Office 2010 64-bit.

To arrange a demo, evaluate the product, or get more information, please contact **sales@metafluent.com**.

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