

# FIX Solution Accelerators

Simplified implementation and  
comprehensive message  
management

Volante provides complete support for FIX message-based processing through plug-ins for Volante Designer. The FIX plug-in supports all FIX versions up to and including 5.0 SP2 with built-in data dictionaries. Pre-populated with all FIX application messages, the plug-in also provides validation rules. Volante also supports other FIX Protocol (FPL) standards such as FIXML, FIXatdl and FAST encoded data.



## Target applications

- » Trading platform
- » Clearing connectivity
- » Cross asset class
  - » Equities
  - » Fixed Income
  - » FX
  - » Derivatives
- » Syntax independence
  - » FIX
  - » FpML
  - » SWIFT
  - » ISO 15022
  - » ISO 20022
  - » Bespoke
- » Transaction reporting
- » Settlement
- » Reference data
  - » Message transformation
  - » Rule-based reconciliation
  - » Data normalization
- » WebForms for FIX
  - » Dashboard monitoring
  - » Message entry, view and repair
  - » Virtualization and creation of FIXatdl

The FIX plug-in is an add-in to Volante Designer, the modeling environment used to define data management transformation, enrichment and validation for buy and sell-side organizations that have to communicate with their counterparties and execution venues using the standard format or variants of it. With FIX transformation logic built into their integration software, users can choose the messaging elements they need. The published FIX specifications can also be extended to match the firm's unique data environment, as well as requirements of internal applications or specific correspondents.

The ability to extend or modify industry standards such as FIX enables rapid development of interfaces to trading and clearing venues such as NYSE, Currenex and CME. The optimized run-time code also ensures that high-volume trading environments can be accommodated with ease.

## The investment roadmap

Volante inherently supports the investment roadmap published by FPL, ISDA and ISO in 2010. Volante provides format support across all asset classes from pre-trade through to trade and post-trade operations.

Volante's clients can leverage the most appropriate communication mechanism whether it is based on FIX, FIXml, FpML, SWIFT, ISO 15022/20022, Reuters or Bloomberg, to name just a few. Plug-ins provide built-in messaging expertise in all major industry messaging standards, as well as out-of-the box support for in-house data structures, whether schema-based or legacy ASCII Delimited/Fixed Width.

Using Volante, seamless integration of data throughout the lifecycle of a trade is an achievable goal.

## Volante FIX solution accelerators

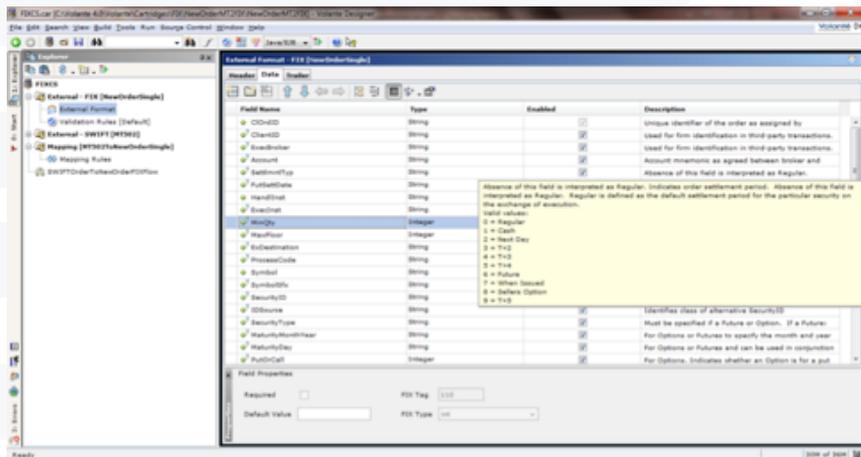
### Volante includes built-in FIX message library

Volante's modeling environment with embedded knowledge of financial industry data relieves users from the technicalities of data integration. From a familiar spreadsheet-style interface (see below), users define business messages and map them to applications and external entities.

Volante eliminates the need for hand coding with its innovative model-driven approach, typically cutting time and costs by half or more in FIX development projects. Message creation and data management functions – such as validation, enrichment or persistence to databases – can automatically be generated for any platform. Volante also runs in any network or application environment, essentially integrating "anything to anything" in any financial enterprise.

Volante also understands that testing and ongoing maintenance cost can have a major impact on the quality and viability of a solution. To address this, Volante embeds comprehensive testing and documentation facilities that ensure the lowest possible cost of ownership in the resulting solution.

Volante has a long track record in supporting the complex messaging requirements of some of the world's largest buy- and sell-side financial organizations. Volante customers also include infrastructure organizations, exchanges, clearing houses and leading vendors of software and services.



## Unique Features

- » Pre-built FIX messages with built-in validation rule support
- » Optimized code generation for low latency
- » Process large batches of data
- » Ease of use
- » Extensibility
- » Integrated design time test bed
- » Native support for any infrastructure
  - » Application servers
  - » Enterprise services bus
  - » Implementations in Java, C++, C#

## Business Benefits

- » Proven technology in top-tier banks, broker and buy-side institutions in addition to exchanges and clearing houses
- » Simple, business-based message design
- » Rapid delivery of FIX-based projects and functionality
- » Least-cost routing
- » 50-80% reduction in integration coding time
- » Rapid ROI
- » Synchronized documentation

## Quotes

"Automation with Volante compressed the project into 8 weeks – we expected it to take 6 months."

"Implementation time reduced by 66%"

"We reduced time to onboard corporates from 8 to 3 months... revenue improved by 600%"

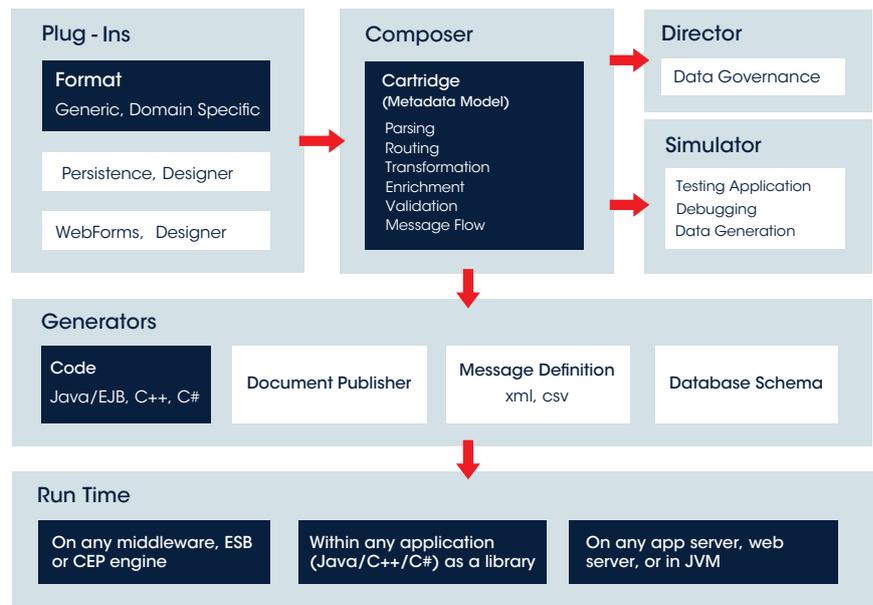
"Development time cut by 50% - maintenance by 70%"

## Volante Designer

Volante Designer is a suite of modular tools designed for the integration and management of financial data. Used today by major financial institutions, exchanges and industry utilities around the world, Volante enables users to rapidly build data integration solutions that handle incoming trade data or financial messages, as well as internal data flow.

Providing message libraries and related validation rules, Format Plug-ins deliver out-of-the-box support for standard formats including SWIFT, FIX, FpML, EDI, Reuters, etc., as well as more generic formats such as XML, fixed width, CSV and Cobol Copybook. The result is not only expedited integration projects, but also provides the ability to rapidly integrate to any platform or application, even home-grown systems.

## Message integration plus data management



For a demonstration of how Volante can accelerate your FIX solutions, please contact us at [info@volantetech.com](mailto:info@volantetech.com) or contact one of our regional offices below.



Find out more about Volante Designer by scanning the QR code to the left