

TARGET APPLICATIONS

- **Payments**
 - SWIFT, SEPA, CHIPS, Fedwire, ACHs (US and European), BAI2, EDIFACT, X.12
 - Payment hubs
- **Post Trade**
 - SWIFT
 - Crest
 - Dodd-Frank and other regulatory reporting
- **OTC Derivatives**
 - Comprehensive support for FpML and FIX
 - DTCC and Markit Wire
 - Clearing and affirmation services
- **Market and Trade Data**
 - FIX, FAST (OPRA, CME, etc.) Reuters, Bloomberg, etc.
 - Ultra- low latency
- **Reference Data**
 - Multi-feed normalization
 - Upstream and downstream integration
 - Corporate actions
 - Avox for LEIs
- **Dashboards**
 - Monitoring message status, errors, transactions, balances
 - Message entry, view & repair
 - Exception handling
- **Enterprise initiatives**
 - SOAs, virtualization
 - Process integration
 - Enterprise integration



Ready Application

Messaging Data Services 2011

Volante Designer

The design is the solution

Volante Designer is a suite of modular tools for 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 messaging, as well as internal data flow. With virtually no footprint in terms of infrastructure or processing overhead, it gets single projects to market fast or can be the key to enterprise integration.

How is Volante different?

Volante offers total system flexibility. Data from any source can be transformed into usability at any destination. Volante supports proprietary, legacy or standards-based messages. It also works with any platform, including enterprise services buses, application servers, message brokers, complex event processing engines, homegrown middleware, applications and/or gateways.

It does not end there. Volante users can model their data management process as part of transformations. Processes may include parsing, serialization, validations, enrichment, normalization, routing, exception management and database operations to deal with complex formats.

All without writing a single line of code. By eliminating hand coding, Volante cuts upwards of 50% in cost and time from data and process integrations. In addition, Volante transformations are fast enough for low-latency applications.

Simplified integration design

Volante Composer is the central component of Designer. With its spreadsheet-style interface, users easily map message definitions from source to destination, with freedom to customize standard message formats to real-world requirements... Rules-based data management functions can be incorporated from formulas available on the interface. When completed, these elements of message processing are represented as a model, or *Cartridge*, which is converted to code via code generation.

Built-in data domain awareness

Volante further simplifies the design process with Volante Format Plug-ins. 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, ASCII, CSV and Cobol Copybook. The result is not only expedited integration projects, but the ability to rapidly integrate to any platform or application, even including homegrown systems.

Volante Designer

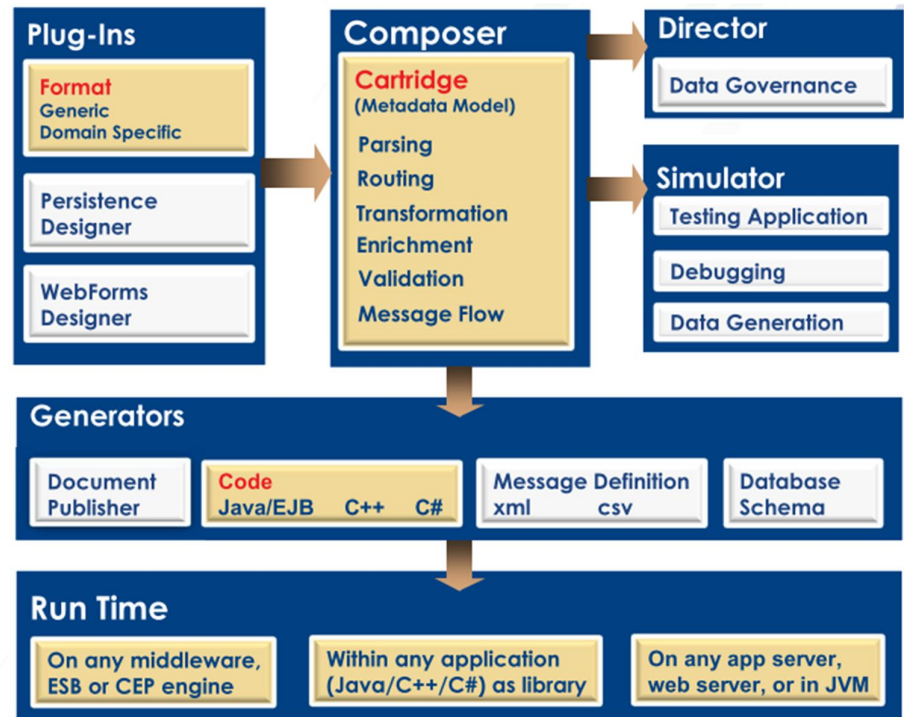
Message integration plus data management

UNIQUE FEATURES

- Model-driven approach enables rapid development
- Format Plug-ins for domain awareness of financial messaging formats
- Code generation: C++, C#, Java (POJO/EJB)
- Native code generation ensures high performance in any infrastructure such as IBM, Tibco, Oracle, Microsoft, J2EE, hardware accelerators, complex event processing engines, homegrown applications and open source platforms
- Visually defines message flows and exception processing

BUSINESS BENEFITS

- Faster time to market in development projects
- Simple integration design enabling user to focus on business content rather than format technicalities
- Streamlined architecture with increased runtime speed
- New business architectures, data governance, and model-driven development enabled by captured metadata



Hand-coding eliminated

Volante Code Generators automatically convert Cartridge models into runtime libraries in native code for virtually any infrastructure environment. The generated code can also be invoked from within applications, eliminating latency and unnecessary transformation hops.

Integrated data management

Additional parts of Volante Designer include the following:

- **Volante Simulator** – for end-to-end testing of transformation logic
- **Volante Persistence Designer** – for modeling database operations
- **Volante Cartridge Publisher** – for publishing documentation
- **Volante Web Forms** – for publishing messages to HTML forms for monitoring and management (dashboard, entry, view, repair)
- **Volante Director** – live metadata repository maintaining data dictionaries, message libraries and cartridge models

In total, Volante provides a comprehensive data management framework, supporting standards and normalization, data flow and workflow, virtualization and SOAs, data governance, and model-driven initiatives. Volante Designer delivers value – from rapid ROI on development projects to acceleration of broad data initiatives.

To schedule an online demonstration of Volante Designer, please contact us at info@volantetech.com.

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