

Volante *Designer*

Powering digital transformation in financial services with the world's most advanced financial message translation, orchestration, and integration platform

The Automation Challenge

Today, digital transformation projects in financial services require solutions that can manage the growing number of new message standards, such as ISO 20022, and new technologies, such as APIs and cloud, while co-existing with legacy formats and systems. They also require a development approach that emphasizes design rather than coding, automated rather than manual testing, and simplified deployment to meet the aggressive deadlines set by business stakeholders and regulators.

Introducing Volante Designer

Volante Designer is a modular platform for building financial message translation, integration, orchestration, and processing solutions in all areas of financial services. Over one hundred banks, financial institutions, buy and sell side firms, market infrastructures, card networks, clearing houses, and corporations use Designer to simplify and automate their most complex financial messaging challenges.

Accelerating the Development Lifecycle

Volante Designer's model-driven approach eliminates hand-coding for even the most onerous development tasks. Application developers can spend more time on design and deployment, and less time on development and manual testing, significantly accelerating project timelines from months to weeks.

Domains

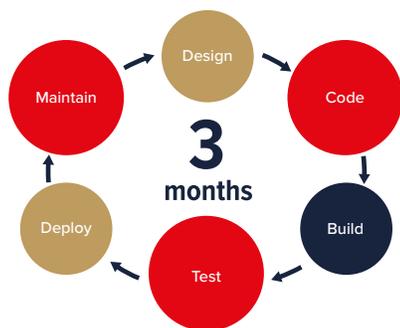
Payments | Cards | FX | Securities |
Trade Services | OTC Derivatives | RegTech

Business Use Cases

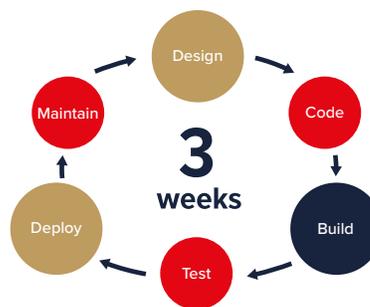
- Client onboarding
- ISO 20022 migration
- Regulatory reporting
- Open banking
- Data cleansing and enrichment
- Corporate actions
- Corporate treasury
- Reference data
- Transaction Reconciliation

Technical Use Cases

- Message transformation
- Middleware replacement
- Systems integration
- Extending the life of legacy platforms
- Cloud deployment
- API enablement
- Low-latency applications



Typical development project



Accelerated project with Designer

“ As financial messaging standards change consistently, it is essential we maintain agility and thought leadership throughout the industry. It is therefore vital that we are provided with solutions that ensure data quality, improve operational efficiencies and prepare for future developments.
CIO, LCH.ClearNet

“ What Volante has helped BIVA do is remove the complexity of integration. The solution has been developed and deployed rapidly using Volante Designer, with automatic updates and new releases so we can start testing and implementing the solution immediately.
Luis Sahagún, Corporate IT Director, BIVA

Selected Message Plug-ins

Generic

- Proprietary data (universal)
- Fixed-width, ASCII delimited
- PDF, DOC, RTF, XLS
- XML, CCB, JSON, Protobuf
- REST, Web Services, gRPC

Multi-domain

- SWIFT (MT, MX, CBPR+, HVPS+)
- EDI (EDIFACT, X12)
- ISO 20022

Payments

- ACH/bulk, SEPA
- RTGS/wire
- Real-time/instant
- BAI2, ISO 8583

Trade Processing

- FIX
- Omgeo OasysGlobal & CTM
- CREST
- SECOM

Derivatives

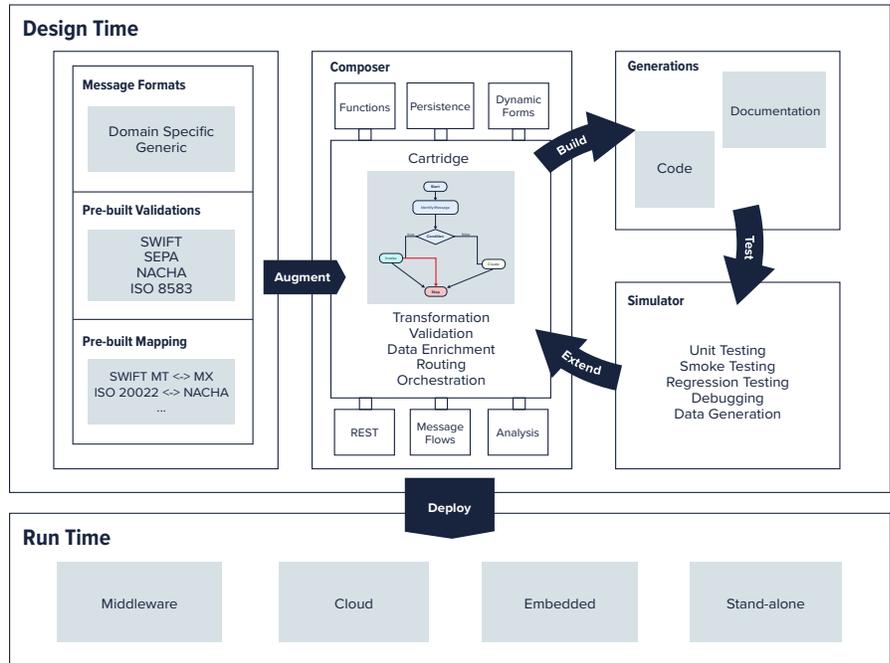
- FpML (ISDA, SWIFT-CUG, DTCC)

Reference Data

- Bloomberg Backoffice
- Reuters DataScope

Technology

- Submillisecond latency as a result of generating native code
- Messages and data persistable to any SQL or noSQL data store
- Java or RESTful APIs
- Cloud-native
- Cloud-agnostic: AWS, Azure, Google Cloud Platform and more
- Ready for integration with DLT/blockchain services



Volante Designer Platform

Message Format Plug-ins

100+ standards and formats: proprietary, legacy, or standards-based, including data exchange via APIs. Continuously maintained and growing.

Prebuilt Validations and Mappings

Validate and transform data from any source to any format using pre-built maps, over 250 bidirectional transformations.

Composer

Build entire applications or augment existing solutions using visual modeling. Data-driven processing to include transformation, validation, enrichment, routing, and exception management. Spreadsheet-style, drag and drop UI.

Code Generators

Automated generation of runtime code deployable on any environment.

Documentation Generators

User, support and testing documentation automatically generated as HTML or PDF.

Simulator

End-to-end testing: unit testing, regression testing, debugging, test data generation.

Deployment

Deploy anywhere: enterprise service buses, application servers, message brokers, cloud, microservices, middleware, embedded or stand-alone.

For two decades, Volante Designer has helped our customers automate mission-critical tasks, simplify complex processes, and save time and money. To learn more about how you and your organization can benefit from Volante Designer, contact us at info@volantetech.com, or visit www.volantetech.com/technology/volante-designer