

# Volanté *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 Volanté Designer

Volanté 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

Volanté 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

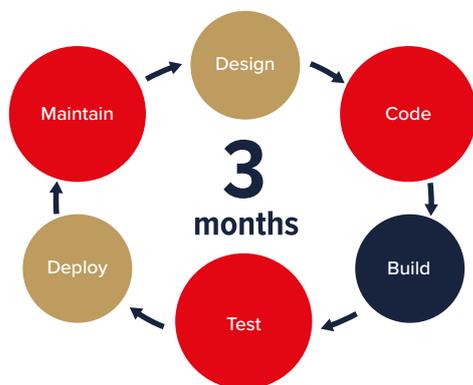
Payments | Cards | FX | Securities | Trade Services | OTC Derivatives | RegTech

### Business Use Cases

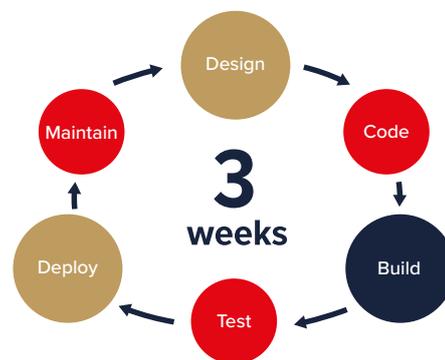
- Client onboarding
- ISO 20022 migration
- Regulatory reporting
- Open banking
- Data cleansing and enrichment
- Corporate actions
- Corporate treasury
- Reference data
- Transaction Reconciliation

### 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**

**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**

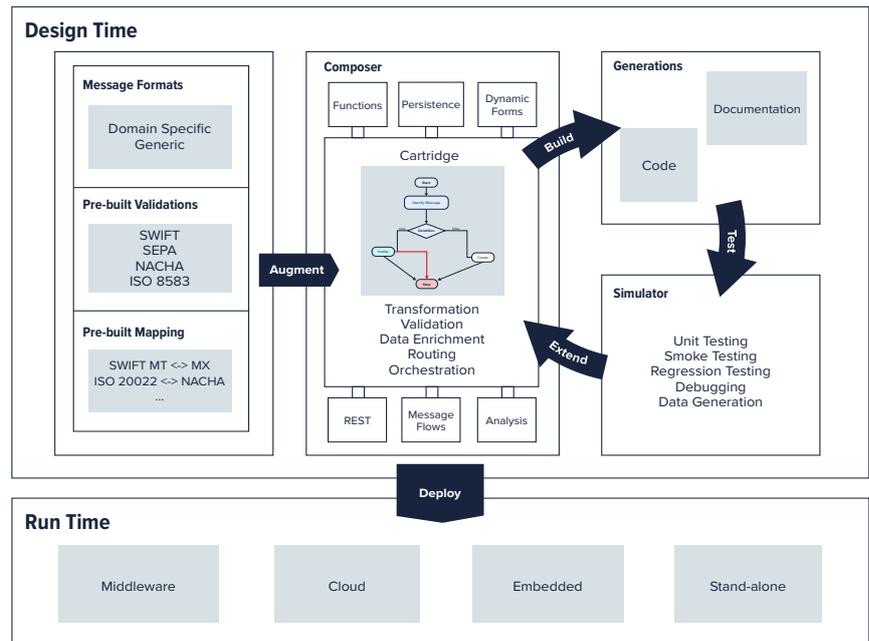
- FpML (ISDA, SWIFT-CUG, DTCC)

**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](mailto:info@volantetech.com), or visit [www.volantetech.com/technology/volante-designer](http://www.volantetech.com/technology/volante-designer)