

Volante Solution Accelerators for Oracle

Enabling business agility through effective financial messaging

With Volante Solutions for Oracle, financial services firms can benefit from an architecture platform that radically enhances their ability to adapt to the constantly evolving landscape of information exchange. Whether driven by regulatory change, commercial pressure to rapidly on-board clients/ services, or simply to adhere to the maintenance cycles of existing global data standards such as SWIFT, FIX or FpML the challenges are considerable.

By helping companies comply with industry standards through a model-driven approach, seamlessly integrated with a wide range of Oracle infrastructure products and applications, Volante and Oracle provide a cost-effective, scalable and market-leading platform.

 **Gold
Partner**

ORACLE
EXALOGIC
OPTIMIZED

ORACLE
WEBLOGIC
READY

ORACLE
VM
READY



Target applications

Payments

- » SWIFT, SEPA, Fedwire, ACHs, RTGS, BAI2, EDIFACT, X.12, ISO 20022, ISO 8583
- » Payments hubs
- » e-invoicing
- » Worker's remittances
- » EBAM

Post-trade

- » SWIFT
- » Crest
- » Regulatory reporting

OTC Derivatives

- » Comprehensive support for FpML & FIX
- » DTCC services
- » CCP & SEF connectivity
- » Affirmation services

Trading

- » FIX, FAST (OPRA, CME, etc.)
- » Reuters and Bloomberg
- » Low latency

Treasury

- » SWIFT, CLS
- » TWIST

Trade Services

- » SWIFT FIN, EDIFACT, X.12
- » SWIFT TSU
- » Bolero

Overview

Financial institutions are increasingly focused on driving down both their operational and development costs. At the same time, they are experiencing major changes in how they transact, communicate and report trades and resultant payment and cash management information. All this must be achieved in a globally competitive market where there is a drive to attract more customers by easing their on-boarding and implementing multi-channel means of exchanging information.

Remaining paper-based instruments e.g. cash, checks, corporate actions are meanwhile being shifted to electronic forms. Multi-national corporations are also moving from a geographically dispersed, independently run set of treasury operations, to payment factories that streamline and consolidate their bank relationships whilst providing reporting capability on a regional basis. Common to the above markets shifts is the impetus for regulatory compliance, industry initiatives e.g. SEPA and co-existence with new standards e.g. SWIFT MX.

Industry accredited and customer proven, Volante Solutions for Oracle enable many of the world's largest financial institutions and corporations to achieve a single window for integrating monolithic back-office applications with financial networks or counterparties using financial messaging standards. With its rich, re-usable and up-to-date financial message libraries for SWIFT, FIX, ISO 20022, SEPA, FpML etc., the solution insulates back-office applications from changes and additions to global and proprietary messaging standards, thereby reducing the time, cost and risk of standards adoption (compliance, inter-operability and migration), security standardization and interface consolidation.

Volante Solutions for Oracle can be deployed on and integrated with the full "Red Stack" of Oracle hardware, operating systems, application/web servers, Fusion Middleware, SOA Suite, persistence solutions and applications such as FlexCube, CEP, ERP and CRM.

Volante Suite Version 4 supports Oracle Database 11gR2, Oracle WebLogic 11gR2, Oracle Linux 5.5 (or higher), Oracle Solaris 11, Oracle VM 3.0 (or higher), as well as Oracle Exadata Database Machine, Oracle SPARC SuperCluster and Oracle Exalogic Elastic Cloud.

The Volante Environment

Volante Designer is a suite of modular tools for integration and management of financial data. 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, the solution gets single projects to market fast, and/or can be the key to enterprise integration.

How is Volante different?

Volante offers total system flexibility, where data in any format from any source(s) can be transformed into consumable data formats for any destination(s). Volante works with any platform, including enterprise services buses, application servers, message brokers, complex event processing engines, homegrown middleware, applications and/or gateways. Volante has worked with Oracle for many years in ensuring that deployment onto and with Oracle technology and applications such as FLEXCUBE, is tested, benchmarked and "out-of-the-box."

Processes supported include real-time and batch parsing, serialization, validation, transformation, enrichment, normalization, routing, exception management and database operations to deal with complex processing. In addition, special functions exist to support streaming data, generation of HTML-based input and dashboard user screens, and bulking/de-bulking of multi-gigabyte datasets. Volante code artefacts are fast enough for low-latency applications benchmarked on Oracle Exalogic Elastic Cloud to execute well in excess of one million parse/validate/serialize operations per second.

Target Applications

Reference Data

- » Multi-feed normalization
- » Corporate actions
- » Avox for LEIs

Dashboards

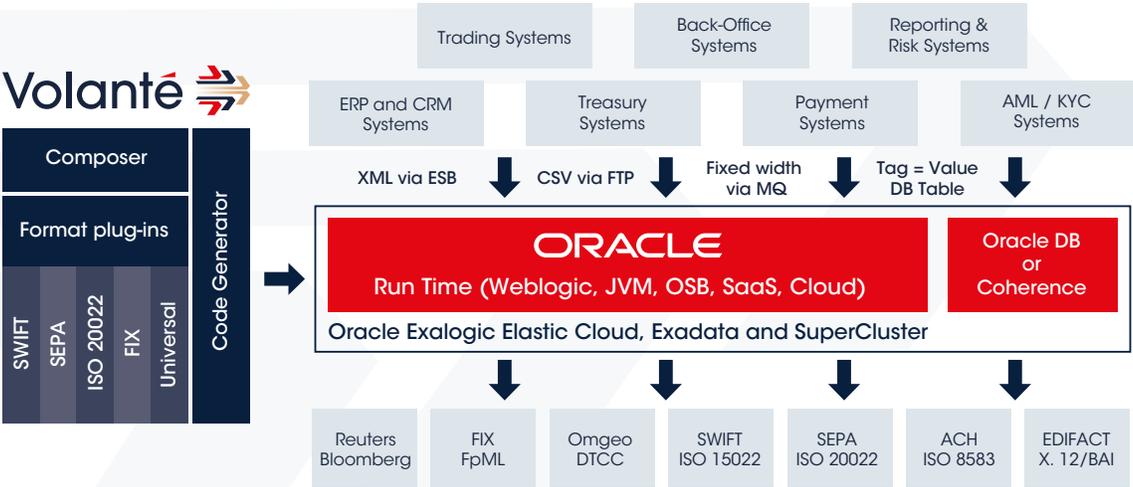
- » Monitoring, entry, view and repair
- » Exception handling

Enterprise

- » SOAs, virtualization
- » Process integration
- » Enterprise integration

Client Base

- » Investment and universal banks
- » Corporates
- » Investment managers, asset managers, fund managers, hedge funds
- » ACHs
- » Payments utilities
- » Exchanges
- » Central counterparties
- » Regulators
- » Standards bodies
- » Systems integrators
- » Application vendors



Features

- » Single pipe connectivity to financial networks such as SWIFT, ACH, DTCC, etc. via IBM Websphere MQ, file, custom transports and WS_* open standards
- » Rich, embedded library of financial message formats for SWIFT FIN, ISO 20022, FIX, FpML, SEPA, ISO 8583, EDI, domestic ACHs, etc.
- » GUI design environment for configuring messages, transformations, rules, routing and enrichment
- » ERP and back-office integration through JCA adapters
- » SOA backbone for extreme performance, scalability and fault tolerance

Simplified integration design

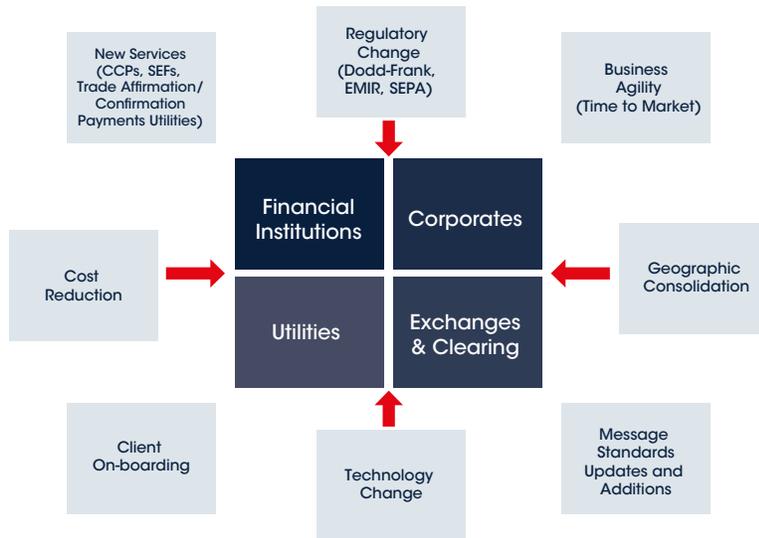
Volante Composer is the central component of Designer. With its spreadsheet-style collaborative user interface, business analysts and developers easily specify and map message transformations from source to destination, with freedom to customize standard message formats to real-world requirements. Rules-based 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 – typically Java (POJO and EJB) but also C++ and C#.

Integrated data management

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

Benefits

- » Faster time to market with adaptive financial processes layered on an Oracle fabric
- » Improved compliance for standards inter-operability, coexistence/migration
- » Improved STP with interface consolidation, standardized security, complex routing, validation and transformation
- » Reduced operational risk and improved governance
- » Lower ROI and TCO through intuitive, collaborative design and self-documentation



For a demonstration of how Volante can accelerate and enhance your Oracle solutions and infrastructure, please contact us at info@volantetech.com or contact one of our regional offices below.