



VOLANTE ISO 20022 SOLUTIONS

Simplify the complexity of ISO 20022 adoption in payments with Volante’s proven message transformation and integration technology

MANDATORY ISO 20022 GLOBAL ADOPTION

ISO 20022 is rapidly changing the financial messaging standards landscape, especially in payments. SWIFT and major market infrastructures are migrating to ISO 20022 messaging, for domestic and cross-border payments, on aggressive timelines.

ISO 20022 offers significant opportunities for banks and their customers in the form of improved straight-through processing, richer payment data, and enhanced interoperability. But there are significant challenges as well.

CHALLENGES FOR FINANCIAL INSTITUTIONS

Financial institutions are affected in different ways by ISO 20022. Larger organizations must coordinate multiple migration programs across disparate geographies. Smaller ones must meet deadlines with limited budget and IT resources. All organizations will need to deal with internal applications that use non-ISO 20022 legacy standards.

Data loss and message truncation are key considerations. Business operations and processes may need to be adjusted depending on changes in data architecture driven by ISO 20022 adoption.

Delaying adoption will only increase long-term cost and raise risk exposure. Banks must instead seize the opportunity offered by ISO 20022 and take a holistic migration approach based around internal needs as well as customer priorities—and the right technology solution.

HOW VOLANTE HELPS

Volante provides solutions for message transformation and integration, specifically designed to simplify the complex challenges of ISO 20022 migration programs with minimal impacts to existing systems. Our solutions range from simple validation and transformation services to full-blown integrated payments processing.

KEY FEATURES AND BENEFITS

- Out-of-the box message standards and transformation capabilities incorporate ISO 20022 and all its versions and variants
- Hundreds of standards libraries, maintained and growing
- No coding required
- Flexible and scalable message orchestration layer
- Rapid implementation—solutions can be implemented in weeks rather than months, after which even complex new message requirements can be handled in days
- Deployable on or off-premise, including cloud

WHY VOLANTE?

Volante is the world leader in ISO 20022, with 20 years of experience in message transformation and integration. Our technology processed the first US TCH real-time payment and the first SEPA ISO 20022 messages in the cloud. It powers ISO 20022 messaging for two of the top 5 Swiss banks and one of the largest South African banks. By regularly contributing to ISO 20022 industry standards groups, we help define the roadmap for the entire industry.



Global: SWIFT



South Africa: SADC



UK: FPS, BACS, CHAPS, NPA



Canada: Payments Modernization



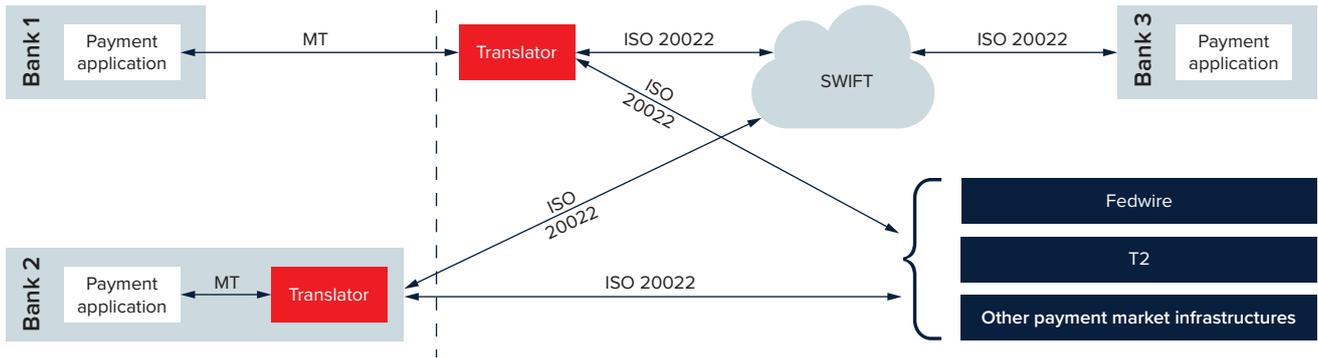
US: Fedwire, CHIPS



EU: T2/T2S/TIPS consolidation into ESMIG; Euro 1, Step1

Multiple domestic bulk, RTGS, real-time and cross-border clearings migrating to ISO 20022 worldwide

TRANSLATION OFF-PREMISES OR ON-PREMISES



MESSAGE TRANSFORMATION AND VALIDATION SOLUTIONS

For banks with basic transformation, validation and integration needs

- Message standards libraries and plug-ins for all major ISO 2022 payments initiatives: SWIFT MX, FedWire, CHIPS, CHAPS, T2, EBA Clearing, Lynx, SEPA, TCH RTP, TIPS and many more
- Ability for banks to build custom ISO 2022 solutions
- Message validation to ensure compliance
- Simple message transformation, e.g. legacy Fedwire FAIM to ISO 2022, or SWIFT MT/MX
- Powered by Volante Designer, Volante’s financial messaging transformation platform

DATA MANAGEMENT SOLUTIONS

For banks with data management needs beyond basic transformation and validation

- Central repository to ensure no loss of data even if legacy systems cannot handle ISO 2022
- Data enrichment, archival, reconciliation
- Modular dashboard including optional monitoring, reporting, and exception handling

PAYMENT PROCESSING SOLUTIONS

For banks who wish to replace or extend legacy payment systems

- Preprocessing, end-to-end processing, gateways
- Domestic, cross-border, ACH, RTGS, real-time
- Powered by VolPay, the complete ecosystem of business services for payments modernization

PRODUCTIVITY FEATURES

- Customization of message maps and translation of ISO 2022 messages into and out of hundreds of other standards
- User-friendly screens eliminate hand-coding for even complex mapping needs
- Auto-generation of documentation and test scripts so you can be sure your maps work

CLOUD DEPLOYMENT

- ISO 2022 Validation service available as Amazon Machine Image (AMI) through AWS Marketplace: [volantetech.com/technology/message-validation-services](https://www.volantetech.com/technology/message-validation-services)
- Cloud-agnostic, deployable on any cloud

MODERN TECHNOLOGY

- Open microservices architecture
- APIs to mediate between internal formats and ISO 2022
- Compatible with Hadoop big data technology
- Supports SQL and NoSQL databases including MongoDB, Cassandra, others
- Active-active, zero downtime operation for 24x7 real-time environments

OUTSTANDING PERFORMANCE

- Submillisecond latency as a result of generating native code
- Throughput scalable to match customer requirements
- Benchmarked to 46m transactions an hour in the cloud

To learn more about Volante’s ISO 2022 solutions, contact us at info@volantetech.com, or visit www.volantetech.com/iso-2022-migration