

ISO 20022 & SWIFT MX MESSAGES TRAINING



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TRAINING CENTER



Introduction

The ISO 20022 & SWIFT MX Messages Training Course builds practical command of the global messaging standard that now carries the majority of payment traffic. Banks, corporates, and market infrastructures exchange structured XML messages instead of legacy MT formats, and the data they carry is richer and more demanding. This course explains the ISO 20022 model and then works through the message families in daily use. It covers payments, statements, reporting, and trade-related messaging. Furthermore, it applies migration rules, validation, and testing discipline. As a result, participants read, build, and validate MX messages with accuracy.

ISO 20022 & SWIFT MX Messages Course Objectives

- Explain the ISO 20022 standard, its governance, and message architecture.
- Identify MX message families including pacs, pain, camt, and head series.
- Construct and validate payment messages in XML format.
- Interpret statement and notification messages for reconciliation.
- Apply the CBPR usage guidelines to cross-border payments.
- Map legacy MT messages to their MX equivalents.
- Apply XML schema validation and business rule checks.
- Handle message exceptions, returns, and repairs correctly.
- Apply testing, certification, and parallel running practices.
- Apply operational controls, screening, and audit trail requirements.

Course Methodology

- Interactive lectures with real MX message samples and payment flows.
- Hands-on exercises constructing and validating MX messages.
- MT-to-MX mapping workshops using CBPR guidelines.

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- Exception handling and reconciliation case simulations.
- Structured peer discussion with facilitator feedback on messaging issues.

Who Should Take This Course

- Payment operations and processing specialists.
- SWIFT and messaging operations officers.
- Business analysts on payment and messaging projects.
- Reconciliation and cash management professionals.
- IT developers and testers working on payment platforms.
- Compliance and internal audit staff covering payment flows.

ISO 20022 & SWIFT MX Messages Course Outlines

Day 1: ISO 20022 Foundations

- Origins, governance, and the role of the ISO 20022 Registration Authority.
- The metamodel: messages, components, and elements.
- The data dictionary and business concepts.
- Message definition reports and the standards repository.
- XML syntax compared with legacy MT syntax.
- Adoption landscape across payments, securities, and trade.
- Case study: how one bank migrated its payment messaging.

Day 2: Payment Message Families

- The pain series: payment initiation messages.
- The pacs series: clearing and settlement messages.



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- pacs.008 customer credit transfer and pacs.009 bank transfers.
- pacs.004 returns and pacs.002 status reports.
- Message identifiers, end-to-end references, and transaction references.
- Party, agent, account, and amount structures.
- Workshop: constructing a pacs.008 customer credit transfer.

Day 3: Statement, Reporting, and Trade Messages

- The camt series: camt.052, camt.053, camt.054, and camt.056.
- Statement hierarchy: balances, entries, and transactions.
- Reconciliation using CAMT data and reference chaining.
- The head series for reference data.
- Trade-related messaging and documentary workflows.
- Notification and investigation message usage.
- Workshop: analysing a camt.053 statement for reconciliation.

Day 4: Migration, Mapping, and Validation

- The SWIFT MT to MX migration programme and timeline.
- CBPR usage guidelines and translation rules.
- Field mapping from MT103, MT202, and MT940.
- Structured postal address and character set requirements.
- XML schema validation and business rule checks.
- Coexistence, testing, and certification arrangements.
- Workshop: mapping an MT103 payment to pacs.008 and validating it.

Day 5: Exceptions, Screening, and Operational Controls



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- Exception handling, repairs, returns, and recalls.
- Reconciliation design and suspense management.
- Straight-through processing metrics and quality monitoring.
- Sanctions and AML screening applied to richer MX data.
- Operational controls, access management, and audit trails.
- Building a messaging readiness roadmap.
- Course review, assessment, and action planning.

Conclusion

By successfully completing ISO 20022 & SWIFT MX Messages, participants will gain a thorough understanding of the ISO 20022 architecture, MX message families, payment and statement message construction, migration mapping, validation, and operational controls. They will also acquire practical skills in message building, schema validation, MT-to-MX mapping, and exception handling. In addition, the course prepares them to support ISO 20022 payment flows with authority. Gentex Training Center delivers this programme with a strong focus on real payment operations and measurable processing quality.

FAQs for ISO 20022 & SWIFT MX Messages course

Q1 What is the "ISO 20022 & SWIFT MX Messages" course about?

It is a five-day programme on the ISO 20022 messaging standard and its SWIFT MX implementation. It covers the data model, payment, statement, reporting and trade message families, MT-to-MX migration, CBPR guidelines, validation, testing, and payment operation controls.





Q2 What are the key benefits of the "ISO 20022 & SWIFT MX Messages" course?

Participants gain working knowledge of the messages that will carry most payment traffic, which reduces migration risk and processing errors. The course also improves straight-through processing rates, strengthens reconciliation and compliance screening, shortens testing cycles, and helps teams plan coexistence and cutover with far fewer surprises.

Q3 What skills will I gain from the "ISO 20022 & SWIFT MX Messages" course?

Participants gain ISO 20022 data model and message interpretation, MX message construction and validation, MT-to-MX mapping using CBPR guidelines, and exception handling, reconciliation and operational control application. These four skills cover the practical work of running ISO 20022 payment flows.

Q4 What tools, methods, or standards are covered in the "ISO 20022 & SWIFT MX Messages" course?

The course covers the ISO 20022 data dictionary and metamodel, the pacs, pain, camt and head message series, pacs.008, pacs.009, pacs.004, pacs.002, camt.052, camt.053, camt.054 and camt.056 messages, end-to-end and unique transaction references, structured postal address rules, the CBPR usage guidelines, MT103, MT202 and MT940 mapping rules, XML schema validation and business rule checks, return reason codes, reference chaining for reconciliation, and sanctions and AML screening of MX data.



Q5 How is the "ISO 20022 & SWIFT MX Messages" course applied in real-world practice?

Participants apply the standard directly to payment operations. They build and validate MX messages, map legacy MT traffic, design test cases, handle exceptions and repairs, reconcile using camt statements, and adjust screening rules for richer data. Many leave with migration roadmaps and mapping templates for their own institution.