

Advanced ISO 20022 & SWIFT MX Messaging

15 – 19 March 2027
Vienna (Austria)

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Introduction

The global adoption of ISO 20022 marks a fundamental transformation in financial messaging, extending far beyond a simple technical upgrade. It reshapes how financial data is structured, enriched, exchanged, and used to support transparency, automation, and regulatory compliance. As SWIFT and global market infrastructures mandate the migration from legacy MT messages to MX formats, financial institutions face growing pressure to achieve a high level of operational, technical, and compliance readiness.

This intensive five-day advanced program is designed for professionals who already possess basic knowledge of payments or SWIFT messaging and are seeking deep, practical mastery of ISO 20022. The course places strong emphasis on PACS and CAMT messages, real-world use cases, and the practical challenges of MT-MX migration.

Course Objectives

By the end of this course, participants will be able to:

- Understand ISO 20022 architecture, methodology, and governance at an advanced level
- Confidently read, interpret, and analyze ISO 20022 XML messages
- Apply PACS messages across the complete payment lifecycle
- Interpret CAMT messages for reporting, reconciliation, and liquidity management
- Perform MT-to-MX mapping and migration analysis
- Support operations, compliance, and ISO 20022 implementation initiatives within their institutions

Course Outlines

Day 1: ISO 20022 Framework & MX Architecture

- ISO 20022 methodology and business-driven design principles
- Message models, data dictionary, and semantic consistency
- XML structure, schema validation, and namespaces
- SWIFT MX message architecture and transport mechanisms
- Message families and end-to-end payment flows
- Global migration timelines and coexistence strategies
- Operational and system-level impacts

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Day 2: PACS Messages - Core Payment Processing

- PACS message family and the payment lifecycle
- Detailed analysis of pacs.008 FI-to-FI customer credit transfer
- Party identification, structured addresses, and agent roles
- Settlement methods, charges, and clearing models
- pacs.009 and COV messages for interbank transfers
- Mandatory versus conditional fields and data quality requirements
- Practical walkthrough and analysis of PACS XML messages

Day 3: PACS Exceptions, Status & Investigations

- pacs.002 payment status reporting
- Status codes, reason codes, and rejection handling
- pacs.004 returns and related business scenarios
- pacs.007 cancellations and reversals
- End-to-end investigations and exception workflows
- Impact on operations, SLAs, and customer service
- Case study: complete PACS payment lifecycle

Day 4: CAMT Messages - Reporting & Reconciliation Advanced

- Role of CAMT in cash management and liquidity control
- In-depth analysis of camt.052 intraday reporting
- camt.053 end-of-day account statements
- camt.054 debit and credit notification
- Balances, entries, and transaction-level details
- Mapping MT9xx messages to CAMT formats
- Practical reconciliation and reporting case study

Day 5: MT-MX Migration, Compliance & Case Studies

- Structural and semantic differences between MT and MX
- MT103 to pacs.008 mapping challenges
- MT940/950 to camt.053 mapping analysis
- Managing coexistence and data enrichment
- ISO 20022 implications for compliance AML, sanctions, transparency
- Testing strategies and readiness assessments
- Advanced real-life PACS and CAMT message analysis
- Course review, key takeaways, and best practices

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A graphic of a chessboard with several chess pieces. A gold king piece is prominent in the foreground, with a silver pawn and a gold pawn nearby. The board is checkered, and there are concentric circles in the background.

Why Attend This Course: Wins & Losses!

- Advanced, hands-on expertise in PACS and CAMT messages
- Readiness for mandatory ISO 20022 migration within a short timeframe
- Improved efficiency in payment processing, reconciliation, and compliance
- Stronger contribution to ISO 20022 projects and operations
- Enhanced professional credibility in SWIFT and payments environments

Conclusion

ISO 20022 adoption requires more than awareness—it demands deep, practical expertise. This advanced five-day program equips professionals with the knowledge and analytical skills needed to interpret, validate, and apply PACS and CAMT messages with confidence. The result is stronger operational readiness, improved compliance, and long-term resilience in an increasingly data-driven global payments ecosystem.

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A graphic illustration of a chessboard with several chess pieces. A large gold king piece is prominent in the foreground, with a silver pawn and a silver knight nearby. The board is checkered, and there are concentric circles in the background.