



ISO 20022 Payments Messaging Training: MT to MX Migration and Data Mapping



ISO 20022 Payments Messaging Training: MT to MX Migration and Data Mapping

Introduction:

ISO 20022 payments messaging training on MT to MX migration and data mapping is a five-day course for payments operations, payments IT, treasury and compliance staff, ending with an MT to MX Mapping Pack and ISO 20022 Readiness Checklist for a case payment flow. Banks lose straight-through processing, delay customer funds and weaken screening when legacy fields are truncated or richer party data is left unused during migration. Nominees already process, build or screen payment messages, and the course is taught through case study on real message samples. CoreConcept Training Center delivers this ISO 20022 payments messaging course.

Course Objectives:

- Explain why ISO 20022 replaces legacy MT formats and how its business model, data dictionary and repository shape every payment message
- Read and validate pain, pacs and camt messages against their XML schemas and usage rules
- Populate customer credit transfers, returns and status reports with structured postal addresses and remittance information
- Map SWIFT MT fields to MX elements and identify truncation and data loss risks during coexistence and translation
- Adjust sanctions screening, AML monitoring and data quality rules to use richer structured party data
- Produce an MT to MX Mapping Pack and ISO 20022 Readiness Checklist covering testing, ownership and open gaps

Target Audience:

- Payments operations teams that repair, release and investigate cross-border and domestic payment messages
 - Payments IT and integration teams that build interfaces, mappings and message validation between core banking and payment gateways
 - Treasury and cash management operations teams that send corporate payment files and reconcile bank statements
 - Payments compliance and sanctions screening teams that review party, address and remittance data on payment messages
 - Payment product and migration project teams that coordinate testing and readiness across business lines
-

Course Outline:

Day 1: Why ISO 20022 and the Payments Messaging Landscape

- ISO 20022 Drivers for Richer Structured Payment Data
- ISO 15022 and SWIFT MT Format Limitations Review
- Payment Business Areas pain, pacs, camt, remt and head
- Payment Message Inventory of Current MT Traffic
- ISO 20022 Readiness Baseline Using a Gap Scorecard

Day 2: ISO 20022 Business Model, Data Dictionary and Message Definitions

- ISO 20022 Business Model and UML Profile Concepts
- Data Dictionary Business Components and Message Elements
- Financial Repository Search and Message Catalogue Navigation
- XML Schema Structure, Tags and Cardinality Rules
- Business Application Header Usage on Payment Messages

Day 3: Customer Credit Transfers, Returns and Account Reporting

- pain.001 Customer Credit Transfer Initiation From Corporate Clients
- pacs.008 Interbank Customer Credit Transfer Element Walkthrough
- pacs.004 Payment Returns and pacs.002 Status Reports
- camt.052 and camt.053 Account Reporting for Treasury Reconciliation
- Structured Postal Address and Remittance Information Population

Day 4: MT to MX Mapping, Coexistence and Screening Impact

- MT103 to pacs.008 Field Mapping Worksheet
- Truncation and Data Loss Risks in MX to MT Translation
- Coexistence Period Translation Services and Fallback Handling
- Sanctions Screening and AML Rules Tuned for Richer Party Data
- Payment Data Quality Governance With Ownership and Validation Rules

Day 5: Case Study on MT to MX Mapping and Readiness Checklist

- Case Bank Cross-Border Payment Flow and MT Message Set
 - Case Flow Mapping From MT Fields to MX Elements
 - Test Case Design for Schema Validation and End-to-End Flows
 - Corporate-to-Bank and Bank-to-Bank Readiness Gap Review
 - ISO 20022 Readiness Checklist and Mapping Pack Completion
-

Skills You Will Gain:

- ISO 20022 Message Interpretation
- XML Schema Validation
- MT to MX Field Mapping
- Structured Address Formatting
- Remittance Data Structuring
- Translation Truncation Analysis
- Payment Data Quality Control
- Migration Test Planning

Why Attend This Course:

- Deliver an MT to MX Mapping Pack and ISO 20022 Readiness Checklist to the head of payments operations and the migration steering group
- Decide which payment flows, interfaces and corporate channels must be remediated first before legacy formats are withdrawn
- Avoid rejected payments, repair queues and screening misses caused by truncated fields or unstructured addresses
- Brief operations, IT and compliance colleagues with shared mapping worksheets, test cases and data quality rules

Conclusion:

Once participants return, the head of payments operations and the migration steering group can use the MT to MX Mapping Pack and ISO 20022 Readiness Checklist to agree which flows, interfaces and corporate channels to remediate first and which gaps to accept for now. IT teams can turn the mapping worksheet into interface specifications, and compliance can feed the richer data rules into screening tuning. After the first production cycle, the unit should review rejection and repair rates, truncation incidents and screening alert quality, then update the checklist and assign owners to open items.

Frequently Asked Questions FAQ:

What should participants know before an ISO 20022 payments messaging course?

Participants should already handle payment messages in operations, IT, treasury or compliance and recognise common SWIFT MT fields. No programming skill is required, but reading basic XML helps. Bringing anonymised message samples from their own flows makes the case work closer to daily practice.

How does an ISO 20022 payments messaging course differ from a payment systems policy course?

It works at message level: elements, mapping, validation, structured data and migration testing. Payment systems policy courses look at national infrastructure, settlement models and oversight, and treat message standards only briefly as one design choice among many.

Why does truncation matter in ISO 20022 MT to MX migration?

Truncation occurs when rich MX data is translated back into shorter MT fields during coexistence. Party names, addresses or remittance details can be cut, which breaks reconciliation, triggers repairs and weakens sanctions screening, so every translated flow needs mapping rules and checks.

What do participants take back from an ISO 20022 payments messaging course?

Participants take back an MT to MX Mapping Pack and ISO 20022 Readiness Checklist for a case payment flow, with a field mapping worksheet, truncation risk log, test case set and data quality rules they can adapt to their own institution.