TRADE HEADER

Training Courses

INTRODUCTION TO ISO 20022
TRAINING COURSE

ISO 20022
Universal financial industry message scheme

Description
This is an introductory course covering a wide range of ISO 20022 topics, including fundamentals and the basic structure of ISO 20022, main ISO 20022 components, overview of the most important payment messages and message flows.

Prerequisites
Attendees should have some exposure to computer systems analysis, software design, interface design or data modelling. Some experience with XML will be helpful but is not mandatory. Some experience with payment messages will be helpful but is not mandatory.

Instructor
TBD

Agenda

9.00 AM	**What is ISO 20022**	This session explains the purpose, organization and scope of ISO 20022 and focuses on the improvements it offers to the payment industry in relation to other standards.
9.30 AM	**Foundations of ISO 20022**	Review of XML Schema concepts (unique schema per message) and how these are applied in the ISO 20022 architecture framework.
10.00 AM	**Morning Break**	
10:10 AM	**Implementing ISO 20022**	How we apply the standard in a sample case. What do you need to consider when creating an ISO message (Schemas, External Code Sets, Business Rules, Usage Guidelines).

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Hands-on exercise: The Payment Initiation Message.

12:00 AM **Setting up the scene for our business flow**
Parties and Agents roles. Concept of serial payment chain. Message coverage: Account Management, Cash Management, Payments Clearing and Settlement and Payments Initiation.

13:00 PM **Lunch Break**

14:00 PM **Business Application Header**
The purpose of the BAH is to provide a consistent and predictable way for this data to be conveyed with the message, regardless of implementation factors such as the choice of network. Use in schemas.

Hands-on exercise: The Message Payload.

15:00 PM **pacs.008 – FI To FI Customer Credit Transfer**
This session deep dives in the pacs.008 message used for Customer Credit Transfers between Financial Institutions. The purpose of this session is to provide insights on the purpose of the message, its main components and define mapping equivalences with the other messages in the payment flow.

Hands-on exercise: Create the pacs.008

16:30 PM **Afternoon Break**

16:40 PM **pacs.002 – FI To FI Payment Status Report**
This session deep dives in the pacs.002 message used to report Payment Statuses between Financial Institutions. The purpose of this session is to provide insights on the purpose of the message, its main components and define mapping equivalences with the other messages in the payment flow.

17:00 PM **pacs.004 – Payment Return**
This session deep dives in the pacs.004 message used to Return a Payment. The purpose of this session is to provide insights on the purpose of the message, its main components and define mapping equivalences with the other messages in the payment flow.

Hands-on exercise: The Payment Return

18:10 PM **Evening Break**

18:20 PM **camt.054 – Bank To Customer Debit Credit Notification and**
camt.053 – Bank To Customer Statement
This session deep dives in the camt.054 message used for Debit and Credit Notifications to Customers and the camt.053 message used for Statements. The purpose of this session is to provide insights on the purpose of the messages, their main components and wrap up the payment flow with the Cash Management messages used by Financial Institutions in their communication to customers.

19:00 PM **Course concludes**

Note: The agenda above is preferred for an on-site training session. If the training is on-line and considering the density of the training course, it is preferred to split the agenda in 3-4 sessions of 2-3 hours each. The message coverage in the agenda can also be customized on demand.