VIRTUAL CLASSROOM

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MVLCO

ISO 20022 and SWIFT Standards MX for Payments Master Class

The Payments Industry worldwide is adopting ISO 20022 messaging standard. This Master Class will help you in enhancing your knowledge and skills in ISO 20022 Universal Financial Industry Messaging Standard as also SWIFT Standards MX.

This **12 hours workshop** will provide you with a detailed insight in end-to-end ISO 20022 and SWIFT MX messages for payments.

Join the Master Class! Stay ahead of the competition!

MVLCO offers a comprehensive ISO 20022 and SWIFT Standards MX for Payments Master Class. ISO 20022 adoption by payment industry offers many advantages and opportunities. It helps improve regulatory compliance, re-engineer processes and introduce value added services. While ISO 20022 is a flexible standard, it is important to understand multiple uses of messages and varieties of implementations.

The master class will enable you to understand how ISO 20022 can widen the existing service offerings. Learn how practically ISO 20022 messages would be used for domestic payments, cross border payments and by instant payment systems such as US RTP and Australian NPP.

The Master Class increases your understanding of :

- SWIFT Standards MX, CPBR+ and HVPS+
- Migration from Standards MT and Standards MX for payments
- SWIFT translation services during co-existence period
- Important fields/tags/elements of ISO 20022/MX messages
- XML schema, XML instances, schema validation and extended non schema validations
- How serial and cover payments are made using ISO 20022
- ISO 20022 implementation by US and European payment systems

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XML
eXtensible — Extend our notion.
Markup — Write using Markups
Language — Create your own document.

ISO
ISO 20022

MASTERCLASS

Prerequisites

This is an advanced level course. The participants should have either completed CIPSP/CPME Certification Course from MVLCO or Fundamentals of ISO 20022 Course from MVLCO or should have sound understanding and experience in payments industry.

All our training programs are also available in-house. To arrange an in-house program please **contact us on** :

+91-9764835350 or email
trainings@mvlco.com

4 days 3 hours Evening Classes

ISO 20022

ISO 20022 Message name

Message sub-type Variant

pain.001.001.03

Message type   Message version

Creditor Payment Activation Request
(Recommended Message Transport Mode: Active)

I pain - Payments Initiation

Message Name	Msg ID (Schema)	Submitting Organisation
CreditorPaymentActivationRequestV07	pain.013.001.07	CBI
CreditorPaymentActivationRequestStatusReportV07	pain.014.001.07	CBI

Last updated on: 19 February 2019

Course contents

Session 01 : Introduction to ISO 20022 XSD
- XML Basics : tags, elements and element types (sequence/choice), data types (simple/complex), patterns
- Occurrences of tags
- External codes/bank transaction/proprietary codes and data source schemes
- Structure and format of ISO 20022 message
- Business Application Header and Document
- XML schema and XML instance
- XML schema validation, non-schema extended validation

Session 02 : Introduction to Standards MX
- What is Standards MX
- Structure and format of MX message
- Business Application Header and Document
- MX message with SWIFTNet InterAct/SWIFTNet FileAct
- Introduction to SWIFT FINplus and SWIFT Instant

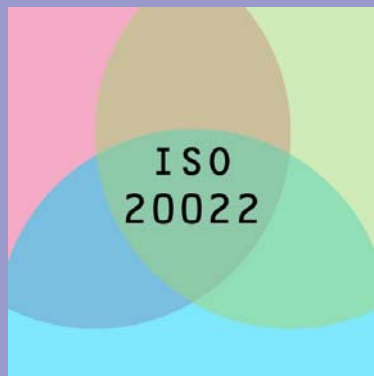### Session 03 : Mandatory adoption of MX for cross border payments
- Adoption timelines and major milestones
- Cross Border Payments and Reporting Plus (CBPR+)
- Exception from migration
- Migration of RMA
- Translation options
    - In-flow translation
    - Central translation
    - Local translation

Session 04 : Using MX for domestic and cross border payments
- Understanding mapping of MT 1XX , MT2XX and MT 9XX to MX for payments
- Introduction to pain, pacs, camt and other applicable messages for payments in MX series
- Important message elements/tags of pain.001/002, pacs.008/009/002/004, camt.054/053.
- Use of MX in high value payment systems (e.g. RBI RTGS), small value real time payment systems (e.g. US RTP) and bulk payment systems (using files e.g. STEP 2 SCT/SDD)
- End to end push transaction flow using MX
    - Serial method of payment
    - Cover method of payment
- End to end pull transaction flow using MX
- End to end collaborative flow using MX
- Important "R" e.g. Reject/Return messages in ISO 20022
- Exception and investigation management in MX

ISO 20022 Master Class
February, 2020 Mauritius

www.mvlco.com

FINANCIAL SERVICES — UNIVERSAL FINANCIAL INDUSTRY MESSAGE SCHEME

PART 1 OVERALL METHODOLOGY AND FORMAT SPECIFICATIONS FOR INPUTS TO AND OUTPUTS FROM THE ISO 20022 REPOSITORY

Registration details and course fees

Duration and delivery mode:
12 hours
This course is conducted in live virtual classroom mode through Webex or Zoom or such other system only.

Course fees include the tuition, course material (i.e. secured PDFs of course PPTs) and does not include anything else.

Course recordings are not included in courseware. The course recordings are required to be purchased separately.
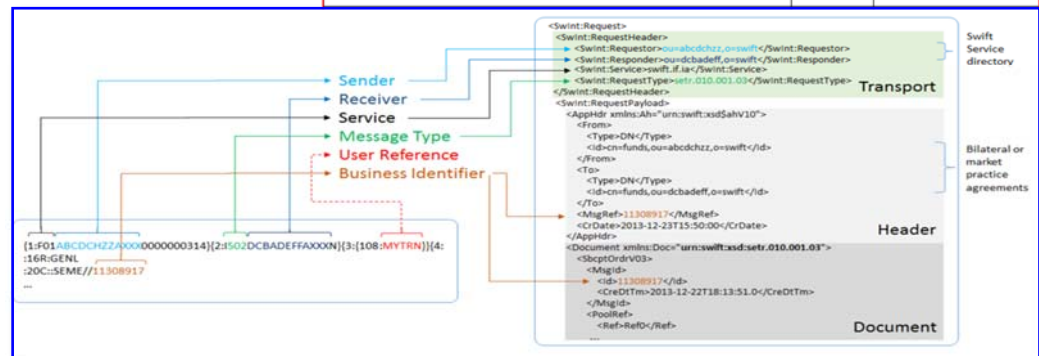
For registration:
To register for the course or to know more, please send an email to trainings@mvlco.com or call/WhatsApp +91-9764835350.

CodeName	Name	Definition
INDA	InstructedAgent	Settlement is done by the agent instructed to execute a payment instruction.
INGA	InstructingAgent	Settlement is done by the agent instructing and forwarding the payment to the next party in the payment chain
COVE	CoverMethod	Settlement is done ... payment.
CLRG	ClearingSystem	Settlement is done ... clearing system.

MessageElement<XML Tag>	Mult.	Type
SettlementMethod <SttlmMtd>	[1..1]	CodeSet
SettlementAccount <SttlmAcct>	[0..1]	±
ClearingSystem <ClrSys>	[0..1]	
Code <Cd>	[1..1]	CodeSet
	[1..1]	Text
	[0..1]	±
	[0..1]	±
	[0..1]	±
	[0..1]	±

CodeName	Name	Definition
RTGS	RealTimeGrossSettlementSystem	Clearing channel is a real-time gross settlement system.
RTNS	RealTimeNetSettlementSystem	Clearing channel is a real-time net settlement system.
MPNS	MassPaymentNetSystem	Clearing channel is a mass payment net settlement system.
BOOK	BookTransfer	

MessageElement	Mult.	Type
InterbankSettlementAmount <IntrBkSttlmAmt>	[1..1]	Amount
InterbankSettlementDate <IntrBkSttlmDt>	[0..1]	Date
SettlementPriority <SttlmPrty>	[0..1]	CodeSet
SettlementTimeIndication <SttlmTmIndctn>	[0..1]	
DebitDateTime <DbtDtTm>	[0..1]	DateTime
CreditDateTime <CdtDtTm>	[0..1]	DateTime

Msg ID (Schema)

pacs.002.001.10
pacs.003.001.08
pacs.004.001.09
pacs.007.001.09
pacs.008.001.08
pacs.009.001.08
pacs.010.001.03
pacs.028.001.03

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