



16, 17 & 18 NOVEMBER - **ONLINE**

*(ZOOM / WEBEX)*

## **1. Introduction**

The Payments Industry worldwide is adopting ISO 2022 messaging standard. It is estimated that by 2023, ISO 2022 standard will be supporting more than 85% of global financial transactions. Major High Value Payment Systems like Fedwire, CHIPS, TARGET2, UK CHAPS are also migrating to ISO 2022.

As from 2025 SWIFT will also end support to Standards MT for payments and operate on ISO 2022.

## **2. Our Offer**

Belstar Training Centre is pleased to offer in collaboration with our partner MVLCO an **Advanced Course on ISO 2022 and SWIFT Standards MX for payments** through a

virtual class training program to help operators get ready to face and survive the oncoming inevitable competition.

### **3. Evaluation**

On completion of the course, participants will be invited to take an online test to evaluate their level of attainment of the course objectives. The certificate of participation issued at the end of the course will highlight the participant's accomplishment.

### **4. The Trainer**

Mr. Makarand Lonkar is a chartered accountant, an ISO 27001 lead auditor, Certified Information Systems Auditor (CISA) and a Certified Fraud Examiner (CFE). He reckons more than 32 years of work experience in the banking and financial services industry.

He is the founder director of MVL Consulting Private Limited, India whose Clients include global players such as Barclays, Citibank, HSBC, JP Morgan Chase, Standard Chartered Bank and Wells Fargo.

#### **Training Experience**

Makarand has completed numerous consulting and training assignments on SWIFT MT and ISO 20022.

### **5. Program Details**

#### Learning Objectives

**This program helps participants to enhance their knowledge and skills by providing a detailed insight in end-to-end ISO 20022 and SWIFT MX messages for payments.**

**On completion, learners will develop a good understanding of:**

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

### **6. 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

## **7. Duration, Fees and Delivery Mode**

Duration : **12 hours**. 4 sessions of 3 hours from 9.30 - 12.30 on 16, 17 & 18 November.

Fees : Rs 11,200 per participant payable on registration.

■ This course is conducted in live virtual classroom mode through Webex or Zoom only.

■ Course fees include the tuition, course material (ie) secured PDFs of the course, PPTs only.

■ Course recordings are not included in courseware and should be purchased directly from MVLCO through Belstar Training Centre.

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