



ISO 20022 Programme

Quality data, quality payments

Tanja Van Sterthem, SWIFT Standards Advisory
Services

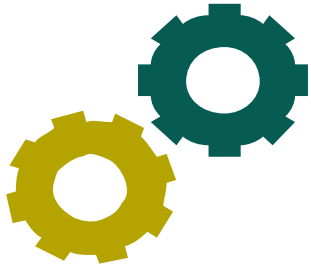
Romania Business Forum, 23 October 2019

What is ISO 20022?

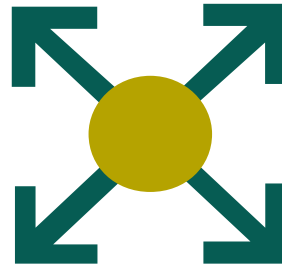


What is ISO 20022?

A recipe for making financial messaging standards



A **methodology** to develop common financial messaging standards, **based on a business dictionary**



An open, neutral and global standard, **freely implementable** by anyone and supported by an **open governance process**

Business model

Message model

Syntax

Syntax independent business model, commonly implemented in XML and may be represented in any other future format including JSON for APIs

1

How is ISO 20022 different from MT?

Rich data – Sender's reference example

MT103, Single Customer Credit Transfer

```
{1:F01ABNANL2AAXXX1234012345}
{2:O1031511010606UBSWCHZHGX00000130850105141149S}
{3:{108:UHBMT103001}{121:360f1e65-90e0-44d5-a49a-
92b55eb3025f}}
{4:
:20:494931/DEV
:23B:CRED
:32A:090828EUR1958,47
:33B:EUR1958,47
:50K:/122267890
BIODATA GMBH
HOCHSTRASSE, 27
8022-ZURICH
SWITZERLAND
:59:/502664959
H.F. JANSSEN LEDEBOERSTRAAT 27
AMSTERDAM
:71A:SHA}
```

Field 20 Sender's Reference is limited to 16 characters



ISO 20022 Programme - Quality data, quality payments

Rich, structured,
logically grouped
data

pacs.008, FI To FI Customer Credit Transfer

```
<?xml version="1.0"?>
<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="urn:iso:std:iso:20022:tech:xsd:pacs.008.001.08">
  FIToFICstmrCdtTrf>
    <GrpHdr>
      <MsgId>494931/DEV</MsgId>
      <CreDtTm>9999-12-31T00:00:00</CreDtTm>
      <NbOfTxs>1</NbOfTxs>
      <SttlmInf>
        <SttlmMtd>INDA</SttlmMtd>
      </SttlmInf>
    </GrpHdr>
    <CdtTrfTxInf>
      <PmtId>
        <InstrId>494931/DEV</InstrId>
        <TxId>NOTPROVIDED</TxId>
        <EndToEndId>NOTPROVIDED</EndToEndId>
        <UETR>360f1e65-90e0-44d5-a49-a92b55eb3025f</UETR>
      </PmtId>
    </CdtTrfTxInf>
  </FIToFICstmrCdtTrf>
</Document>
```

Customer can send

- 35 characters in Message Identification field
- 35 characters in Instruction Identification field
- 35 characters in End To End Identification field
- 35 characters in Transaction Identification field

2

How is ISO 20022 different from MT?

***Flexible and easily maintained –
Embedded and external code lists***

MT103, Single Customer Credit Transfer

Transaction Details (B)
71A Details of Charges
Code
Beneficiary [BEN]
Our customer charged [OUR]
Shared charges [SHA]

Embedded codes are strictly defined in the message and limited to global definitions, making them limited, rigid and difficult to maintain



packs.008 v8, FI to FI Customer Credit Transfer *Embedded code list*

Credit Transfer Transaction Information [1,*]
Charge Bearer [1,1]
Borne By Creditor [CRED]
Borne By Debtor [DEBT]
Following Service Level [SLEV]
Shared [SHAR]

packs.004 v9, Payment Return *Externalised code list*

Transaction Information [0,*]
Return Reason Information [0,*]
Reason [0,1]
Code [1,1]
└─ ExternalReturnReasonCode Component
IncorrectAccountNumber [AC01]
InvalidCreditorAccountNumber [AC03]
ClosedAccountNumber [AC04]
BlockedAccount [AC06]
...

**Externalised and
flexible code
definitions**

- Codes can be embedded or externalised from the definition of the message, making code maintenance and updates easier
- Proprietary codes are also supported, allowing customers to bilaterally agree on codes between them

3

How is ISO 20022 different from MT?

Efficient screening – Beneficiary customer example

MT103, Single Customer Credit Transfer

```
{1:F01ABNANL2AAXXX1234012345}
{2:O1031511010606UBSWCHZHGX00000130850105141149S}
{3:{108:UHBMT103001}{121:360f1e65-90e0-44d5-a49a-
92b55eb3025f}}
{4:
:20:987654321/DEV
:23B:CRED
:32A:011521USD10551,50
:33B:USD10551,50
:50K:/122267890
BIODATA GMBH
HOCHSTRASSE, 27
8022-ZURICH
SWITZERLAND
:59:/1234567890
CUBA SPORTS BAR GRILLE
1234 OCEAN DRIVE
90099 LA
:71A:SHA}
```

Unstructured and ambiguous Beneficiary Customer details, e.g. “Cuba” in beneficiary name can be confused with a sanctioned country

pacs.008, FI To FI Customer Credit Transfer

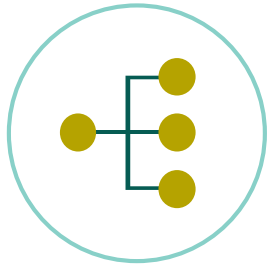
```
<?xml version="1.0"?>
<Document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="urn:iso:std:iso:20022:tech:xsd:pacs.008.001.08">
  FIToFICstmrCdtTrf>
  ...
  <CdtTrfTxInf>
  ...
  <Cdtr>
    <Nm>Cuba Sports Bar & Grille</Nm>
    <PstlAdr>
      <StrtNm>Ocean Drive</StrtNm>
      <BldgNb>1234</BldgNb>
      <PstCd>90099</PstCd>
      <TwnNm>Los Angeles</TwnNm>
      <CtrySubDvsn>CA</CtrySubDvsn>
      <Ctry>US</Ctry>
    </PstlAdr>
  ...
  </Cdtr>
```

Structured,
unambiguous data

Structured and labelled data brings clarity to the message and enables accurate and efficient screening

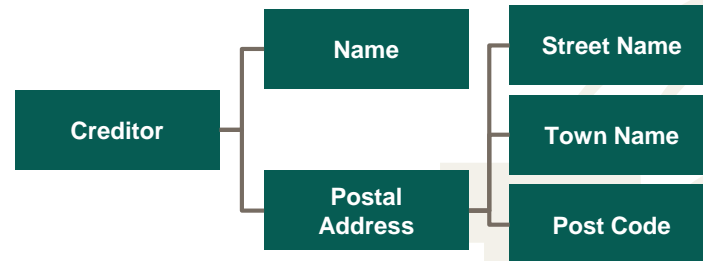


What improvements does ISO 2022 bring over MT?



Element hierarchy

- Nested elements for logical grouping of data
- For example **Creditor** comprises of:



Dedicated elements

- For example
 - Dedicated **End-to-end Identification** customer reference from Debtor to Creditor
 - **Settlement Account** is a dedicated element rather than relying on cross-field validation, and includes granular sub-elements including **Currency** of account
 - **Service Level Code** or **Proprietary** description repeated 3 times to capture specific service expectations
 - **Charge information** includes sub-element to capture the Agent that takes charges or is due charges
 - Mandatory **Debtor Agent** and **Creditor Agent** are static roles which clearly identify who services the customer



Enhanced data model

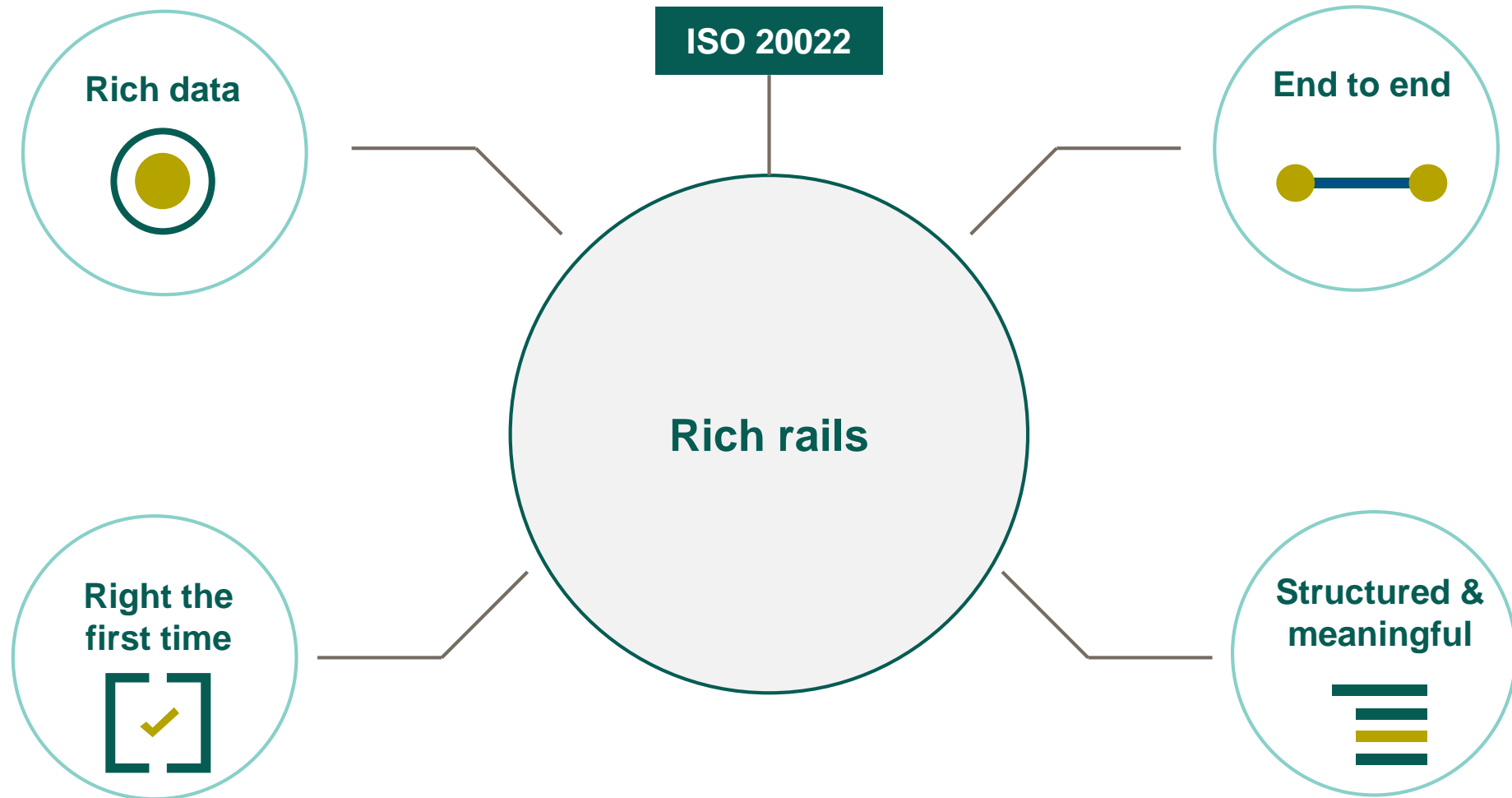
- Extensible financial language that accommodates local practices and their variants
- For example
 - Accounts identified by sub-elements such as **IBAN** or **Other**
 - Codes identified as **Proprietary** or as an ISO recognized **Code**, which may be defined externally to the message
 - Agents and party identification includes **LEI** and more granular **Postal Address**



New elements

- Enabling On Behalf Of (OBO) payments for example using **Initiating Party** field to capture details of party initiating credit transfer on behalf of **Debtor**
- Structured **Remittance Information** can include rich invoice information to support reconciliation for the **Creditor**
- Dedicated instruction elements allow instructions for specific parties, such as **Instruction for Creditor Agent** and **Instruction for Next Agent**

New capabilities enabled by ISO 20022



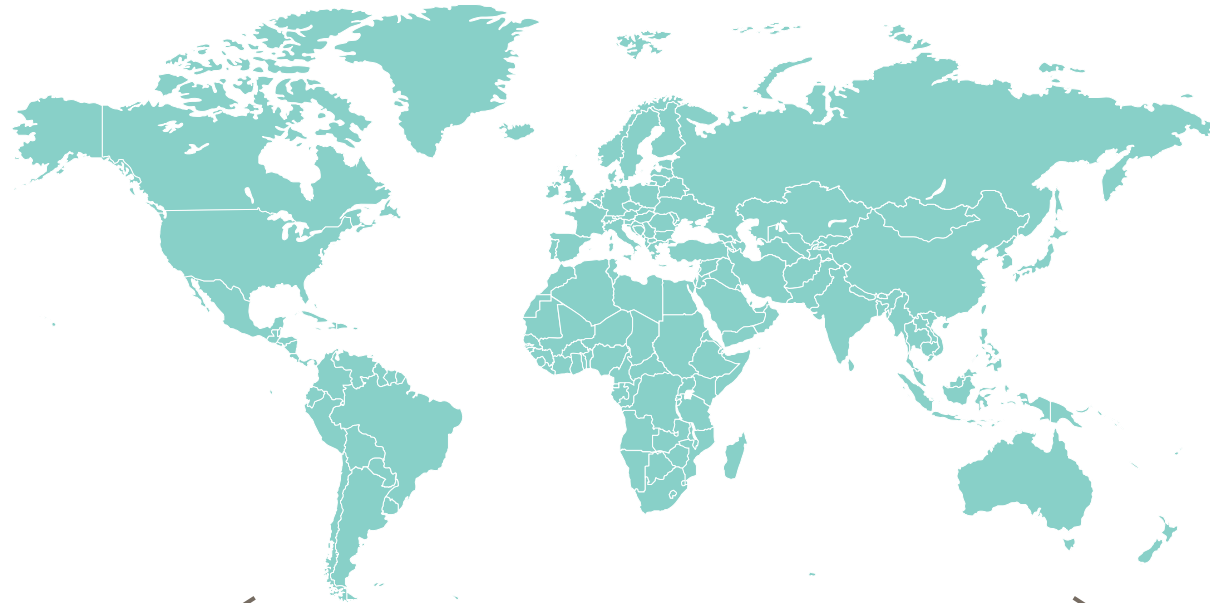
A global shift to ISO 20022

A rush to ISO 20022

ISO 20022 has been adopted by market infrastructures in 70+ countries replacing domestic or legacy formats

Delivering next gen payments

ISO 20022 is the key standard in next gen payment schemes, including instant payments, move to 24x7, supporting open banking over APIs



Global domination

In the next 5 years, ISO 20022 will dominate high-value payments, supporting 87% of transactions values worldwide

A growing impact

This shift is already impacting the cross-border payment system; under the Eurosystem 'big bang' move to ISO 20022



The SWIFT ISO 20022 programme



A community agreement



In 2018, the global financial community agreed to **migrate from the MT (FIN) payment message standard** to ISO 20022



The move to ISO 20022 will begin in **November 2021** and coexistence with MT (FIN) will run **until November 2025**



All FI to FI payments and cash reporting messages will move to ISO 20022



All players need to **start preparing** for the migration now to be ready for November 2021

ISO 20022 Programme

What, When, How and Why do I need to adopt ISO 20022?

What are the benefits of implementing ISO 20022?

What's driving ISO 20022 adoption?

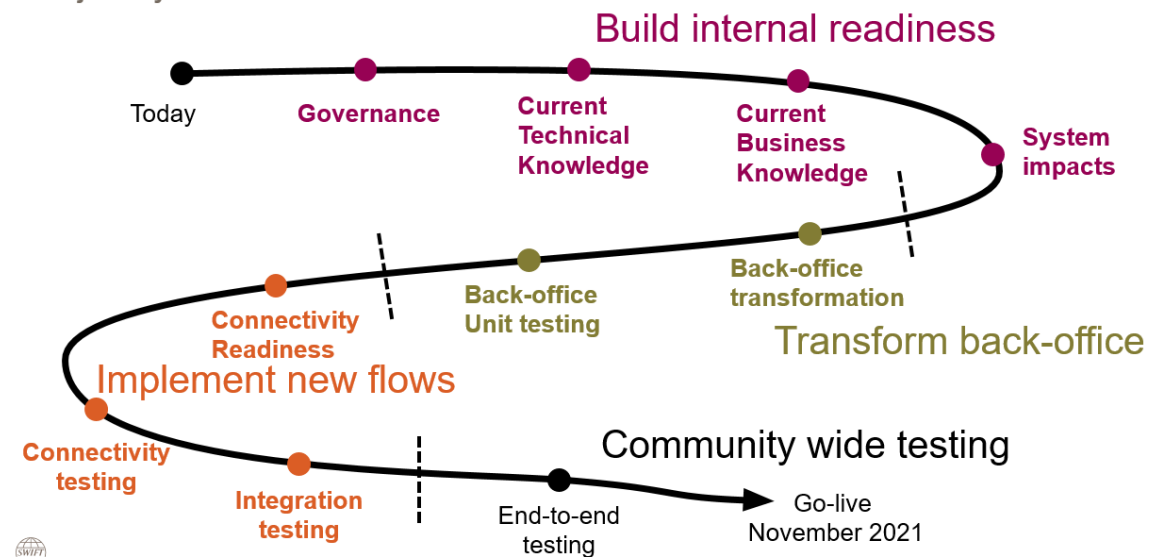
How much will it cost me?

Where do I start?





The journey...



Building readiness what does it mean?

Awareness

- Not a connectivity project
- Impacts back-office, business channels and compliance.

Building awareness early is important



Governance

- What is the scale of the project?
- Who should be driving it?
- How will you get the resources?

Setting-up a structure is key for success

Business Knowledge

- ISO 20022 uses a richer set of data
- It will be published this year
- It might create impacts on processes

Change of data structure can be evaluated ahead

Technical Knowledge

- It is a different protocol (not FIN)
- It uses different message structure (XML) and different system messages

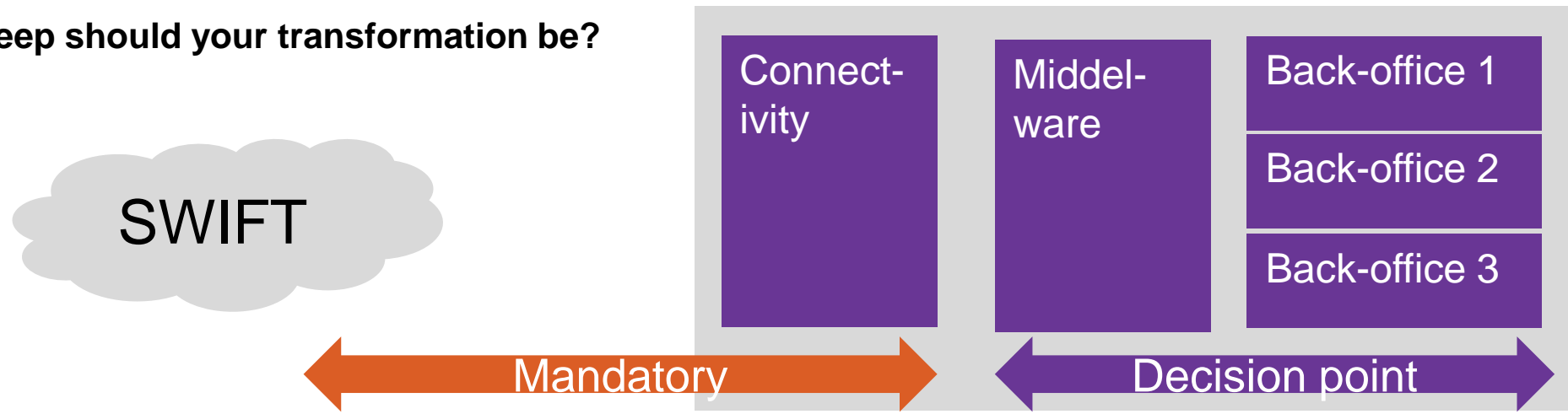
Technical trainings can be taken ahead

Integrating ISO 20022 for Correspondent Banking – some high-level choices

1. When do you need the capability to send ISO?



2. How deep should your transformation be?



Expected profiles

Any Financial institution member of FIN

- Mostly beneficiary bank at first
- Low volume at first related to the domestic currencies adopting ISO early such as USD, EUR, GBP, CHF...

Minimum requirements:

- Connects
- Drain ISO payments
- Integrate them

Regional Bank with some intermediary business

- Banks acting as intermediary towards other counterparties for the relevant currencies
- Might have to pass on rich data should they get a rich ISO payment messages

Additional requirements:

- Deal with rich data in their back-office

Global Transaction Bank

- Banks with a global reach
- Major suppliers of payment messages across markets
- With extensive network of correspondents

Additional requirements:

- Have capability to send and receive ISO messages from day one

Advised
Timeline

Any Financial institution
member of FIN

Regional Bank with some
intermediary business

Global Transaction Bank

2019

Readiness

Create awareness
Set-up governance
Evaluate internal knowledge

Scope

Perform internal scoping
Engage with vendors partners
Engage with key counterparties

2020

Connect

Implement relevant interface release
Configure and join the new messaging service

Transform

Implement back-office changes
Test with main counterparties

2021

Integrate

Implement new Authorisations
Perform community testing

Migrate

Start receiving ISO 20022

Migrate

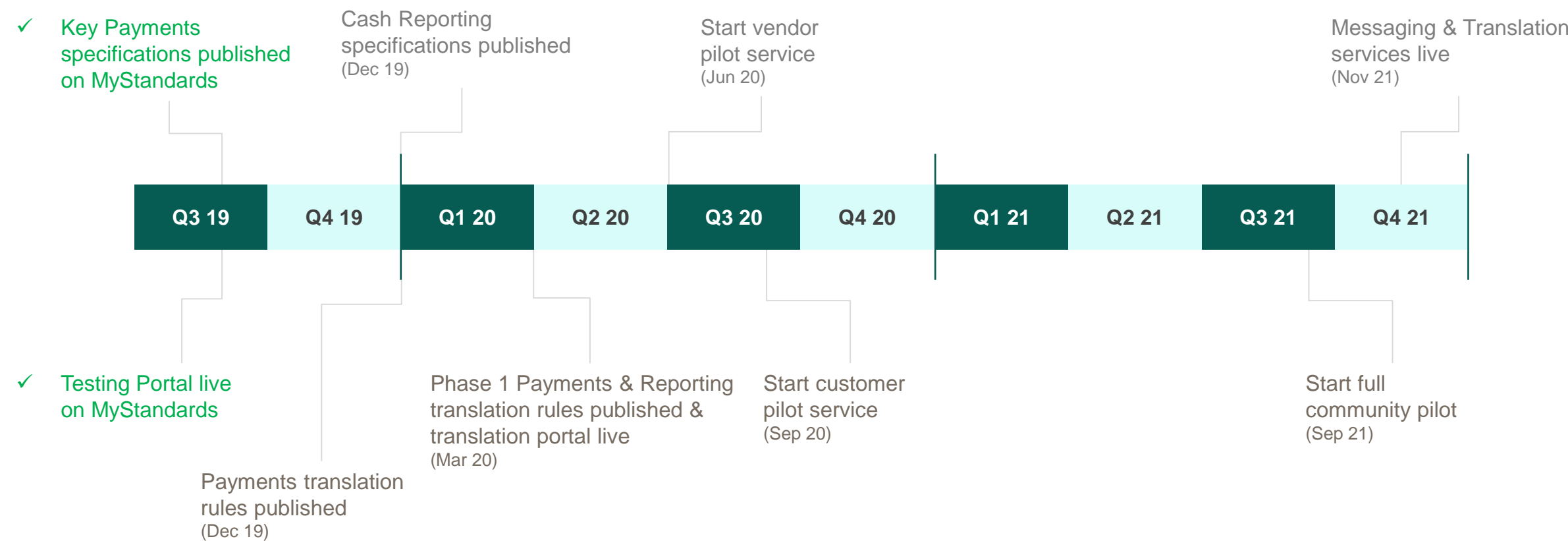
Start sending ISO 20022

The SWIFT ISO 20022 Programme Deliverables



ISO 20022 Programme

CBPR+ related deliverables



CBPR+ Usage Guidelines in scope

MT	ISO 20022 equivalent	Availability
MT 103 / 102	pacs.008.001.0x	Published on MyStandards , July 2019
MT 200 / 201 / 202 / 202 COV / 203 / 205	pacs.009.001.0x	
MT 103 RETURN / MT 202 or 202 COV RETURN	pacs.004.001.0x	
<i>Business ACK / NACK</i>	pacs.002.001.0x	
<i>Business Application Header (BAH)</i>	head.001.001.0x	Under review by CBPR+ group
MT 210	camt.057.001.0x	Planned for availability December 2019
MT 900 / 910	camt.054.001.0x	
MT 941 / 942	camt.052.001.0x	
MT 940 / 950	camt.053.001.0x	
MT n92	camt.056.001.0x	
MT n96	camt.029.001.0x	
MT 204	pacs.010.001.0x	Planned for availability by Q2 2020
MT n95	camt.026.001.0x, camt.087.001.0x, others <i>tbc</i>	
MT 103 REVERSE	pacs.003.001.0x	

Out of scope:		
MT n98 / n99	<ul style="list-style-type: none"> Not in scope of CBPR+, customers should move from using proprietary & free form messages to structured ISO 20022 equivalent messages Customers can agree bilaterally and continue to exchange these messages 	



ISO 20022 coexistence measures



SWIFTNet Service and Guidelines

New many-to-many SWIFTNet InterAct Store-and-Forward service

- All users automatically enrolled by November 2021
- Validation of **Cross-border Payments and Reporting Plus (CBPR+)** market practice guidelines

RMA

Relationship Management Application

- Available for ISO 20022 over InterAct
- Enable automatic conversion of MT relationships to ISO 20022

BIC | DN mapping

Simplified rules for addressing messages and address mapping

- BIC to Distinguished Name (DN)
- BANKCC99ABC → *ou=abc,o=bankcc99,o=swift*

Implementing and Testing

Implementation and testing resources

- Interactive documentation of message guidelines and mappings
- Testing portals
- Translation sandbox

Translation

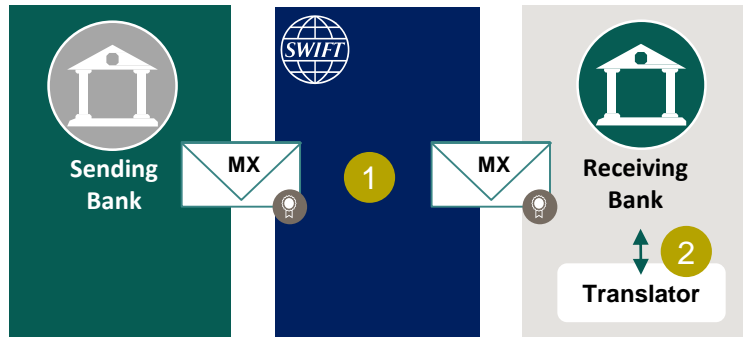
Translation service (see next slide)

- *API*: from ISO 20022 to MT *and* MT to ISO 20022
- *In-flow*: from ISO 20022 to MT only



Translation capabilities – focussing on MX to MT translation

Local Service Stand-alone or on interface



Scope

- MX ⇌ MT: send or receive side
- CBPR+ and others (including internal format and enrichment)

Components:

- Integration solutions on interfaces (IPLA, AMH, SIL)
- Standalone product (Translator)

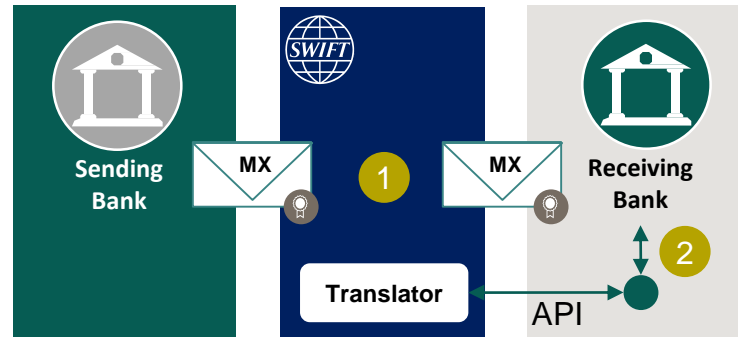
Implementation cost:

- Price list and a fixed cost per library (CBPR+, T2)
- Professional services



ISO 20022 Programme - Quality data, quality payments

Central service API based



Scope

- MX ⇌ MT: send or receive side
- CBPR+ at first, MI can be added

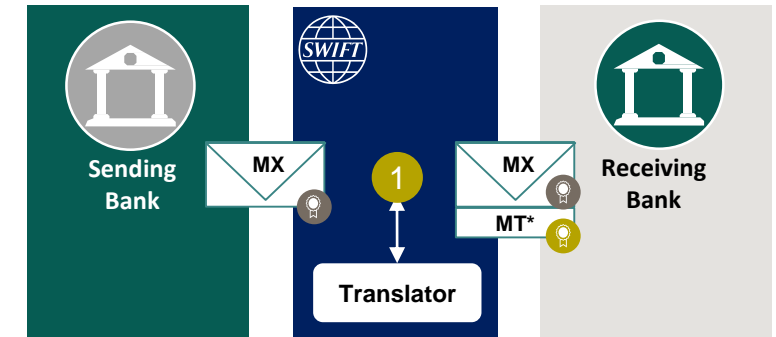
Components:

- Secured API access (no connector delivered)
- Integration project (could be on our software)

Implementation cost:

- Free consumption for a given period of time
- Fixed price for subsequent years
- (optional: Professional services)

Central Service Messaging based



Scope

- MX to MT only: receive side only !
- CBPR+ only

Components:

- Relevant Interface release including the ISO features, no license impact

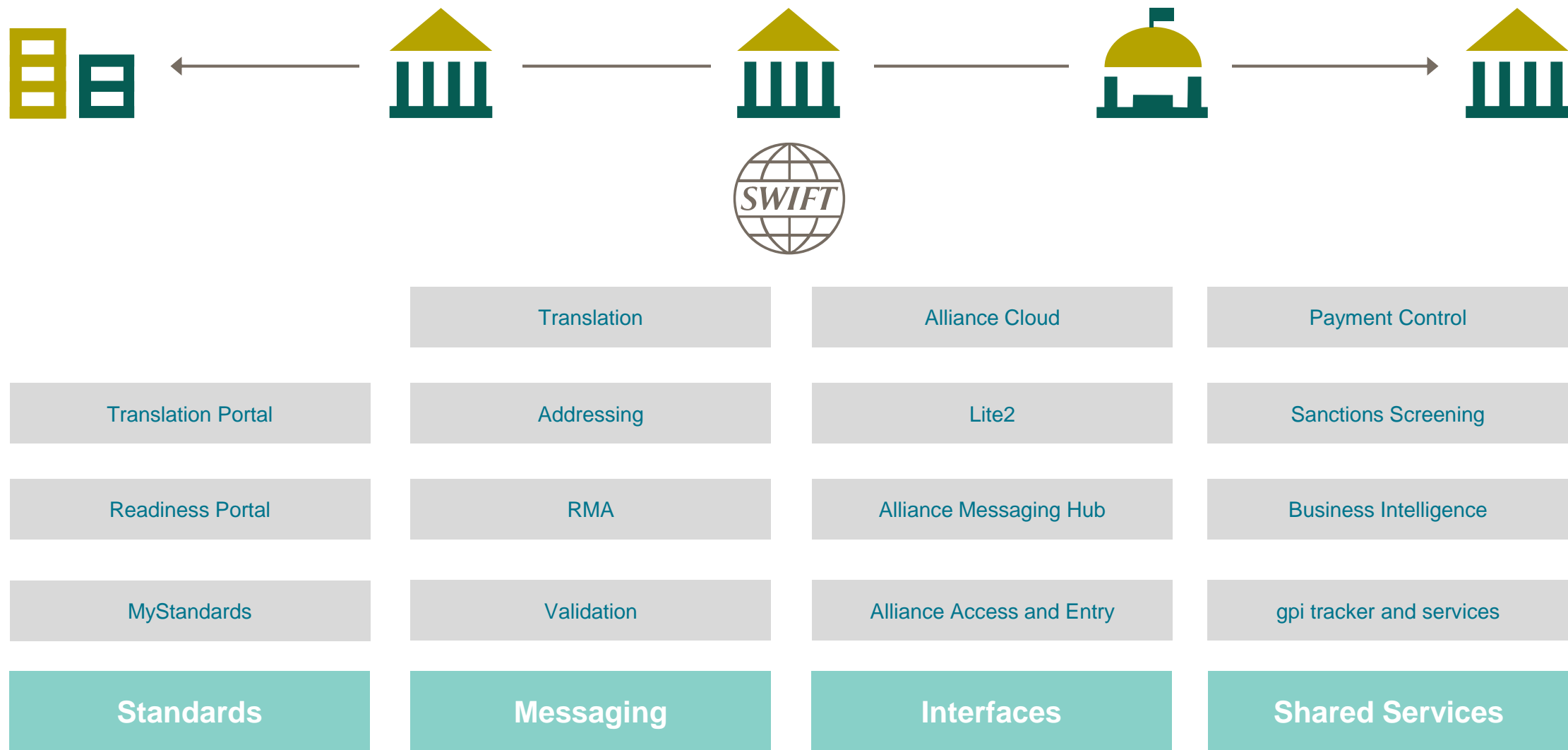
Implementation cost:

- Free consumption for one year
- Fixed price for subsequent years

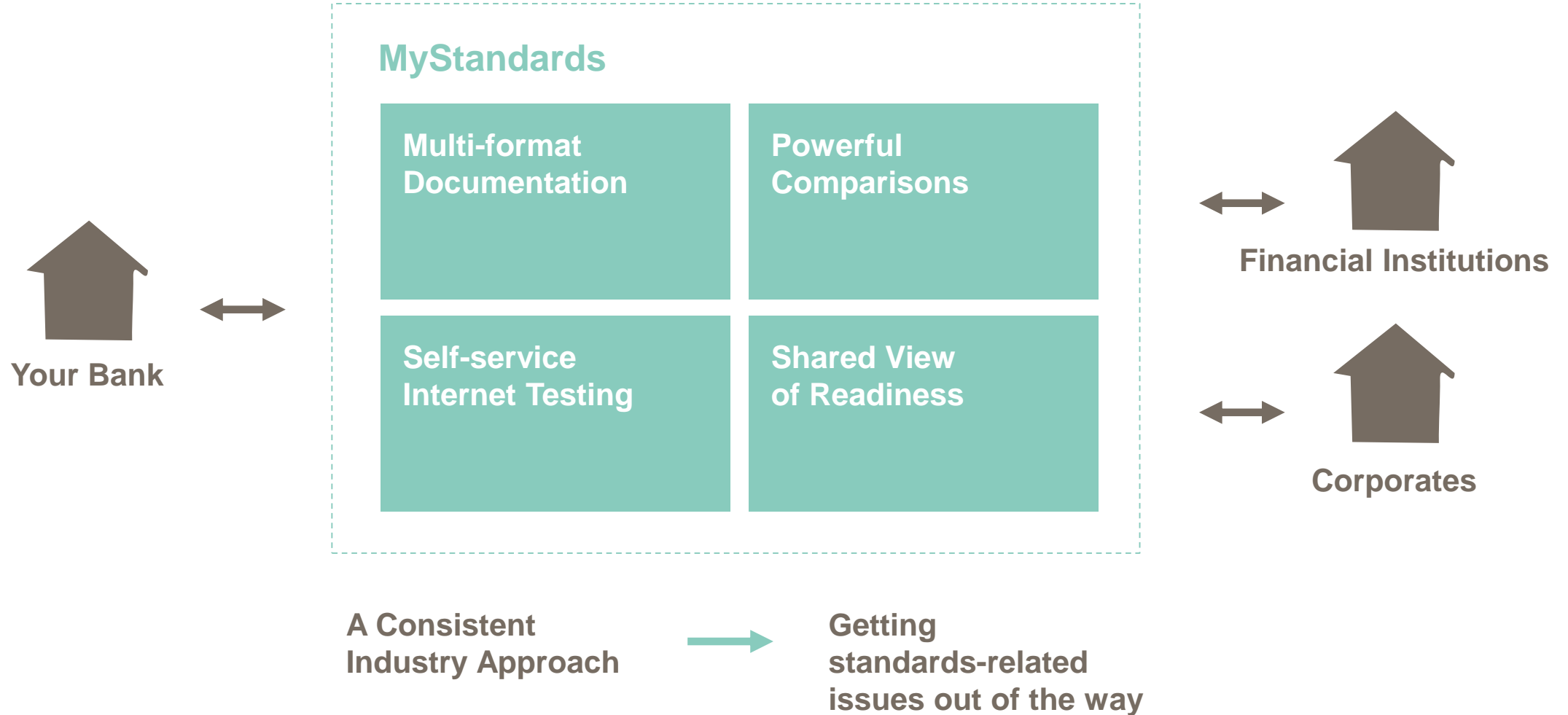
Evolution of the SWIFT offering



SWIFT is transforming its portfolio to support the ISO 20022 adoption



MyStandards, More Than A Repository Of Specifications



Benefits of MyStandards & Readiness Portal

**2x
Faster time
to revenue**

Cut onboarding
time by half

**50%
Cost
Savings**

Self-service model
offloads integration
managers

**Smooth
customer
experience**

Easy to do
business with
your bank

**Risk
Reduction**

More control on
process and depth
of testing

Applies across channels
(SWIFT, host to host, e-banking)



Standards tools and platforms – CBPR+ Landing Page

<https://www2.swift.com/mystandards/#/c/cbpr/landing>

The screenshot shows a web browser window with the URL <https://www2.swift.com/mystandards/#/c/cbpr/landing>. The page header includes the MyStandards logo and a search bar. The main content area is titled "Cross-border Payments and Reporting Plus". It features an "Introduction" section, two side-by-side boxes for "ISO 2022 Messages" and "MT/ISO 2022 Translation", and a "Broader context" section at the bottom. The "ISO 2022 Messages" box includes links for "Request access", "Documentation", and "Test Portal". The "MT/ISO 2022 Translation" box includes a "Mapping Sandbox" link. The "Broader context" section provides background information on the migration from MT to ISO 2022.

MyStandards
Standards made simple

Search the platform

Standards Releases Business Domains Groups

Cross-border Payments and Reporting Plus

Introduction

Cross-border Payments and Reporting Plus (CBPR+) specifications define how ISO 2022 should be used for cross-border payments and cash reporting on the SWIFT network. Conformance to CBPR+ specifications will be validated by the SWIFT messaging service, so it is imperative that users implement the specifications correctly. The resources available on this page aim to help SWIFT users, software vendors and consultants understand and implement CBPR+. Resources include dynamic online documentation, downloadable PDF and Excel specifications and an online testing service. CBPR+ also includes standardized rules that define translation from the MT standard to CBPR+ ISO 2022 and from CBPR+ ISO 2022 to MT. These rules can be explored via an online visualization and tested in a sandbox.

ISO 2022 Messages

CBPR+ specifications are based on SR 2019 ISO 2022 messages. Specifications available now include pacs.002 (FI to FI Payment Status Report), pacs.004 (Payment Return), pacs.008 (FI to FI Customer Credit Transfer) and pacs.009 (Financial Institution Credit Transfer).

[Request access](#)

[Documentation](#)

[Test Portal](#)

MT/ISO 2022 Translation

Translation rules define how MT messages should be translated to CBPR+ ISO 2022 and vice versa. These rules will be implemented by SWIFT in translation products that aim to facilitate community interoperability during the 4 year transition of MT to ISO 2022 between 2021 and 2025. The rules are published here to encourage their universal adoption and consistency of translation for cross-border business irrespective of the implementation technology.

[Mapping Sandbox](#)

Broader context

At the request of the financial community, in September 2018 the SWIFT Board approved plans to facilitate the adoption of cross-border payments and cash reporting traffic from the MT standard to ISO 2022. In December 2018 this decision was confirmed and more details of the programme were provided to the community (IR 807). All users of cross-border payments and cash reporting messages need to prepare for the start of migration window in November 2021.


The Cross-Border Payments and Reporting Plus (CBPR+) market practice working group was formed in January 2019 to formulate common guidelines for the use of ISO 2022 for cross-border payments and cash reporting. The work of the CBPR+ group is aligned with the PMPG High Value Payment System Plus (HVPS+) guidelines that serve as a common baseline for the ISO 2022 specifications of key high-value payments system operators, including the US Federal Reserve, The Clearing House, The Bank of England, EBA Clearing, and the Eurosystem. This ensures consistency of data for payments that include one or more high-value payments systems in their end-to-end processing. CBPR+ is also fully aligned with SLAs and market practice for SWIFT global payments innovation (gpi).

[Find out more](#)



Standards tools and platforms – MyStandards for the CBPR+ / MI migration – Analyse

Visualisation of Usage Guidelines

 MyStandards
Standards made simple


pac.008


Q


Standards Releases


Business Domains




Groups





 2

 **CBPR_FIToFICustomerCreditTransferV08_pacs.008.001.08_FINAL DRAFT**
CBPRPlus_pacs.008_February 2019_V1.0 (Technical version: 12)

  Export 

▼ Show details

Content

Result View

Sample Messages

Impact Analysis

Compare

Comments

☐ View only restricted elements



























☐ Hide removed elements

☐ Show xml tags

search message (min 2 chars)


Q

x


Name	Min	Max	Restrictions	
▼  FI To FI Customer Credit Transfer V08 (pacs.008.001.08)				 
>  Group Header	1	1		 
▼  Credit Transfer Transaction Information	1	*		 
▼  Payment Identification	1	1		 
 Instruction Identification	0	1		
 End To End Identification	1	1		
 Transaction Identification	0	1		
 UETR	0	1		 
 Clearing System Reference	0	1		
 CrossElementSimpleRule : TransactionIdentificationPresenceRule				
>  Payment Type Information	0	1		

☒ Display full width

Instruction Identification

 **Synonym**

20 (in context : Sender's Reference)

 **Type Changed**

RestrictedFINXMax16Text (based on string)


- pattern: ([0-9a-zA-Z!-?:(\)\.,'+]([0-9a-zA-Z!-?:(\)\.,'+]*[/[0-9a-zA-Z!-?:(\)\.,'+])?)*)
- minLength: 1
- maxLength: 16

Multiplicity

[0..1]



Standards tools and platforms – MyStandards for the CBPR+ / MI migration – Compare

 MyStandards
Standards made simple


Search the platform


Q


Standards Releases

Business Domains

Groups






2


Use Base Message as Reference

Export to Excel


REF



CBPR_FIToFICustomerCreditTransferV08_pacs.008.001.08_FINAL DRAFT




A



RTGS_FIToFICustomerCreditTransferV07_pacs.008.001.08

Use as Reference
















☐ Show only changes

See legend

search message (min 2 chars)

Q

x

REF	CBPR_FIToFICustomerCreditTransferV08_pacs.008.001.08_FINAL DRAFT	Mult.	A
Full Message	[1..1]		
Document	[1..1]		
FI To FI Customer Credit Transfer V08 (pacs.008.001.08)			
Group Header	[1..1]		
Credit Transfer Transaction Information	[1..*]		
Payment Identification	[1..1]		
Instruction Identification	[0..1]		
End To End Identification	[1..1]		
Transaction Identification	[0..1]		
UETR	[1..1]		
Clearing System Reference	[0..1]		
CrossElementSimpleRule : TransactionIdentificationPresenceRule			
Payment Type Information	[0..1]		

Display full width

Instruction Identification

Path

/Document/FIToFICstmrCdtTrf/CdtTrfTxInf/PmtId/InstrId

Synonym

20 (in context : Sender's Reference)

Type

HVPSRestrictedFINXMax16Text

RestrictedFINXMax35Text (based on string)

pattern: [(0-9a-zA-Z/\-?:(\)\.,'+)]|[(0-9a-zA-Z/\-?:(\)\.,'+)]*[(0-9a-zA-Z/\-?:(\)\.,'+)]

minLength: 1

maxLength: 16








text{1,16} {

1,33}[(0-9a-zA-Z/\-?:(\)\.,'+)]

29

Standards tools and platforms – MyStandards for the CBPR+ / MI migration – Test

Usage Guidelines Testing

 **CBPR+ Internal Testing** PUBLISHED      

1 error

CBPRPlus_FIToFICustomerCreditTransferV08_pacs.008.001.08_Finalised

21-08-2019
12:01

Summary

ERROR 1

Error Details:

The value '1000000000000001' has 15 total digits, but the number of total digits has been limited to 14.

[See documentation](#)

Impacted lines:

Line 8

[Escalate to support](#)

Test

Upload

Save as Sample

Download Message

1

<?xml version="1.0" encoding="UTF-8"?>

2

<Document xmlns="urn:iso:std:iso:20022:tech:xsd:pacs.008.001.08" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:s

3

<FIToFICstmrCdtTrf>

4

<GrpHdr>

5

<MsgId>1234567890</MsgId>

6

<CreDtTm>2019-08-12T12:59:26+01:00</CreDtTm>

7

<NbOfTx>1</NbOfTx>

8

<TtlIntrBkSttlmAmt Ccy="USD">1000000000000001</TtlIntrBkSttlmAmt>

9

<IntrBkSttlmDt>2019-08-13</IntrBkSttlmDt>

10

<SttlmInf>

11

<SttlmMtd>INGA</SttlmMtd>

12

</SttlmInf>

17

</Document>

Standards tools and platforms – MyStandards for the CBPR+ migration – Analyse Mapping Rules

Dec. 2019

Visualisation of Mapping Rules – Only for CBPR+

The screenshot displays the MyStandards platform interface for mapping rules. The top navigation bar includes the MyStandards logo, a search bar, and links to Standards Releases, Business Domains, Groups, and a notification icon. The main content area is titled 'Mapping from MT103STP to FIToFICustomerCreditTransferV06'. It features three panels: 'From' (MT103STP), 'Mapping' (rule details), and 'To' (FIToFICustomerCreditTransferV06). The 'From' panel shows a tree structure of MT103STP blocks, with 'Block4' expanded to show fields like SendersReference, TimeIndication, BankOperationCode, InstructionCode, TxnTypeCode, ValDateCcyInterbankSettledAmt, CcyOrInstructedAmt, ExchangeRate, OrderingCustomer, OrderingInstitution, SendersCorrespnt, RcvrsCorrespondent, ThirdReimburselnt, IntermediaryInst, AcctWithInstitution, BeneCustomer, and RemittanceInfo. The 'Mapping' panel shows the rule logic: 'Copy SendersReference TO InstrId', 'Copy SendersReference TO MsgId', 'Copy SendersReference TO TxId', and a conditional rule 'IF NOT RemittanceInfo Matches (?s).*/ROC/./* THEN Copy SendersReference TO EndToEndId'. The 'To' panel shows the structure of FIToFICustomerCreditTransferV06, including fields like MsgId, CreDtTm, BtchBookg, NbOfTxs, CtrlSum, TtlIntrBkSttlmAmt, IntrBkSttlmDt, SttlmInf, PmtTpInf, InstgAgt, InstdAgt, CdtTrfTxInf, and PmtId. A 'feedback' button is visible on the right side of the interface.

Standards tools and platforms – MyStandards for the CBPR+ migration – Test Mapping Rules

Dec. 2019

Mapping Visualisation Rules Sandbox – Only for CBPR+

localhost:8080/app/#/translator

Source

```
1 {1:F01SWHQBE8BAXX0000000000}{2:I103DEMOUS33XXXXN}{4:
2 :20:REF001
3 :23B:CRED
4 :32A:180301GBP827000,12
5 :33B:GBP827000,12
6 :50K:/ACC7992
7 JOHN DOE
8 123 MAIN STREET
9 :59:/9344320
10 JANE DOE
11 456 ANY STREET
12 :71A:SHA
13 -}
```

DROP MESSAGE SAMPLE

mT103toPACS008

Result

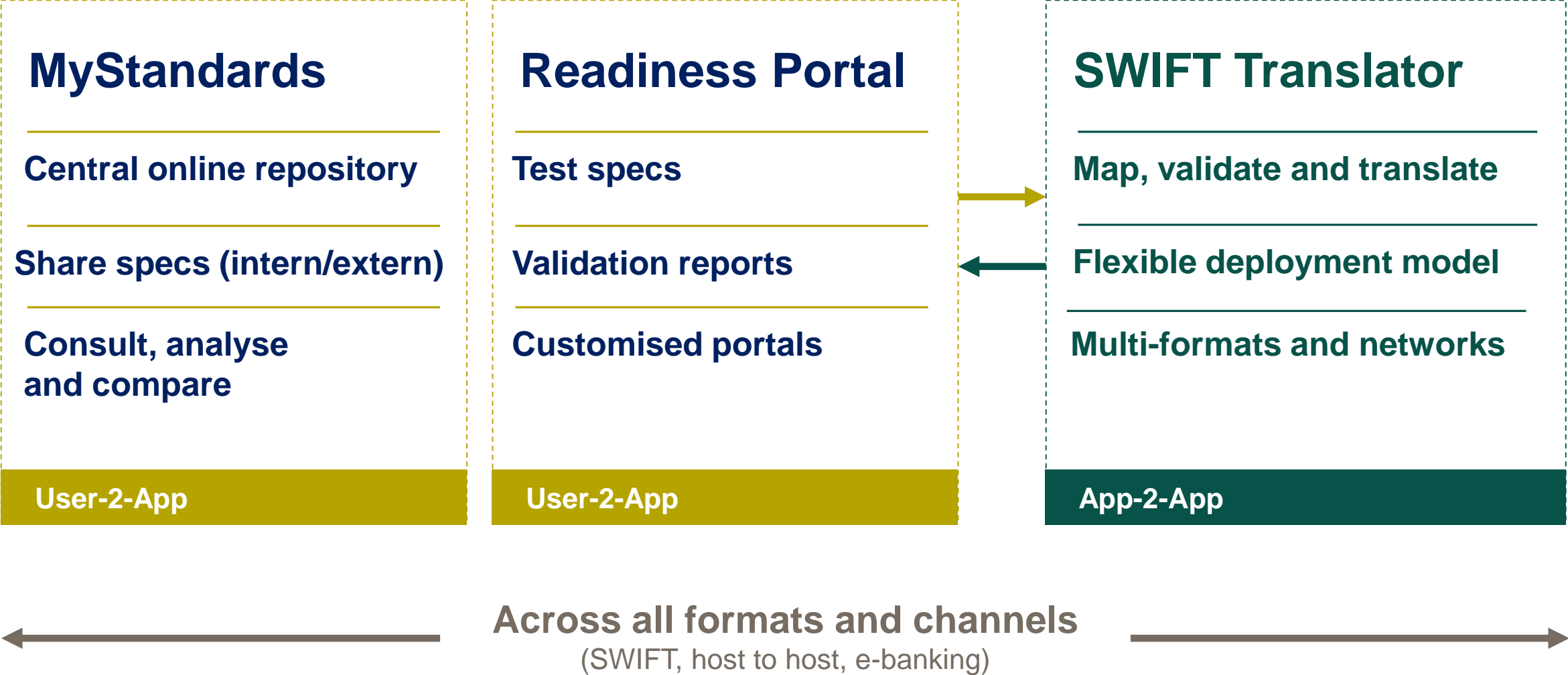
```
1 <?xml version="1.0"?>
2 <Document xmlns="urn:iso:std:iso:20022:tech:xsd:pacs.008.001.06" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
3   <FIToFICstmrCdtTrf>
4     <GrpHdr>
5       <MsgId>REF001</MsgId>
6       [...]
7     </GrpHdr>
8     <CdtTrfTxInf>
9       <PmtId>
10        <InstrId>REF001</InstrId>
11        <EndToEndId>REF001</EndToEndId>
12        <TxId>REF001</TxId>
13      </PmtId>
14      <IntrBkSttlmAmt Ccy="GBP">827000.12</IntrBkSttlmAmt>
15      <IntrBkSttlmDt>2018-03-01</IntrBkSttlmDt>
```

GET TRANSLATED MESSAGE

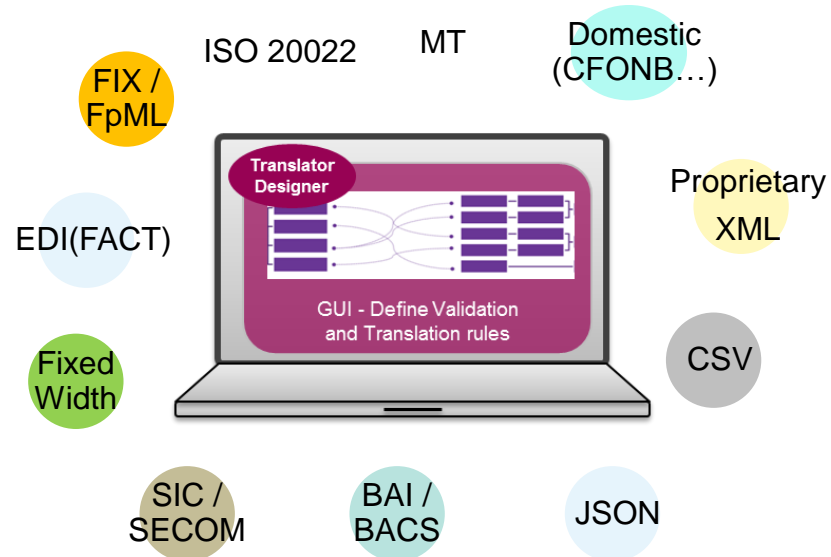
© SWIFT



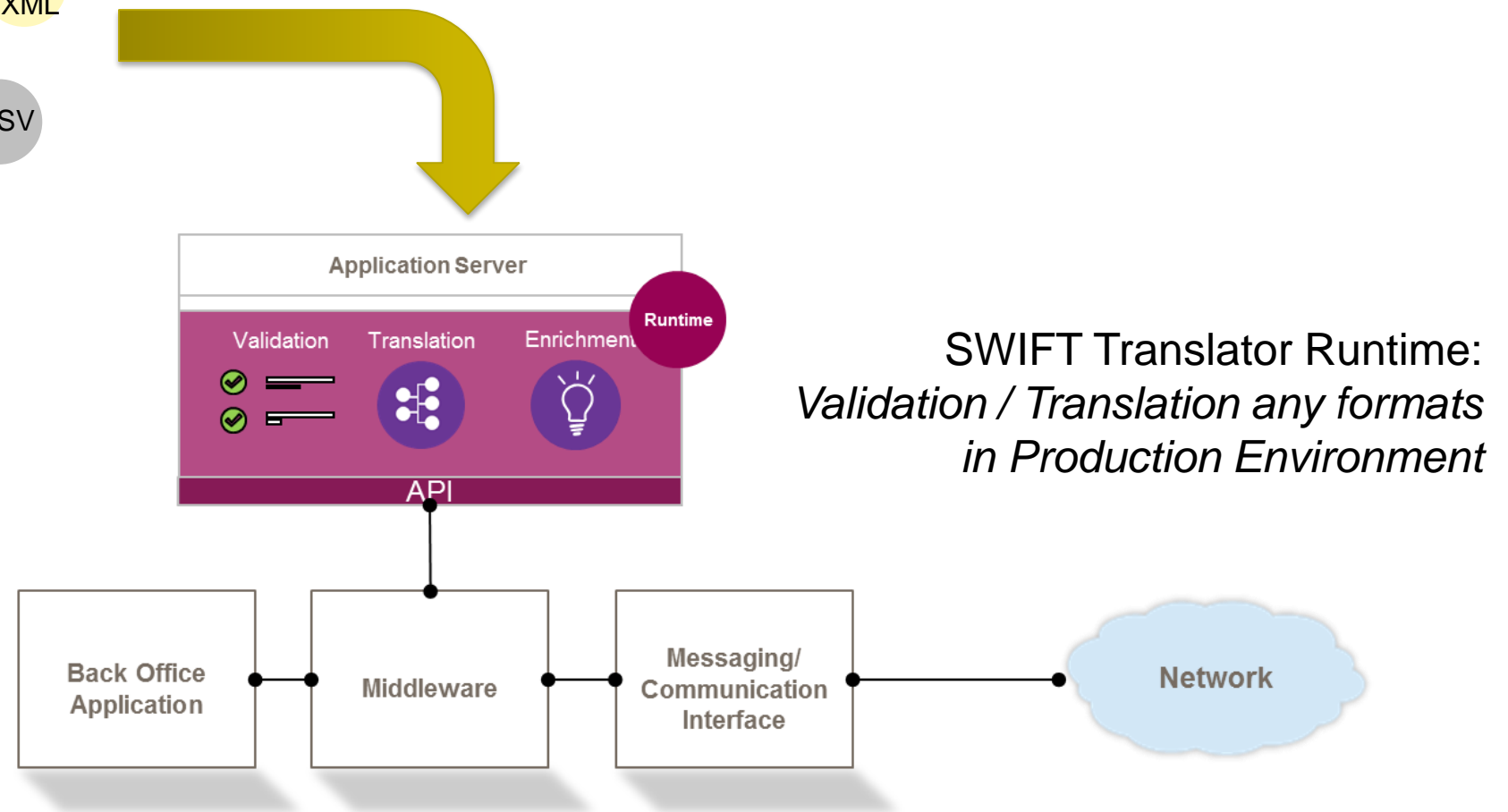
In Summary: Our Standards Products Portfolio



SWIFT Translator



SWIFT Translator is a light footprint, format translation tool that allows FI's to define, validate, and translate format from any to any format (incl. from/to ISO 20022 and MT)



The SWIFT Translator - our offering for on premises translation

TO

Define

Message formats and mapping rules

Validate

Input / Output message formats and rules

Translate

Messages in production environment

WITH

Flexibility

Deployable as standalone – Network Independent
Or embedded in your SWIFT Interface

Efficiency

Integrated with MyStandards : reuse Usage Guidelines
extend formats in MyStandards

Expertise

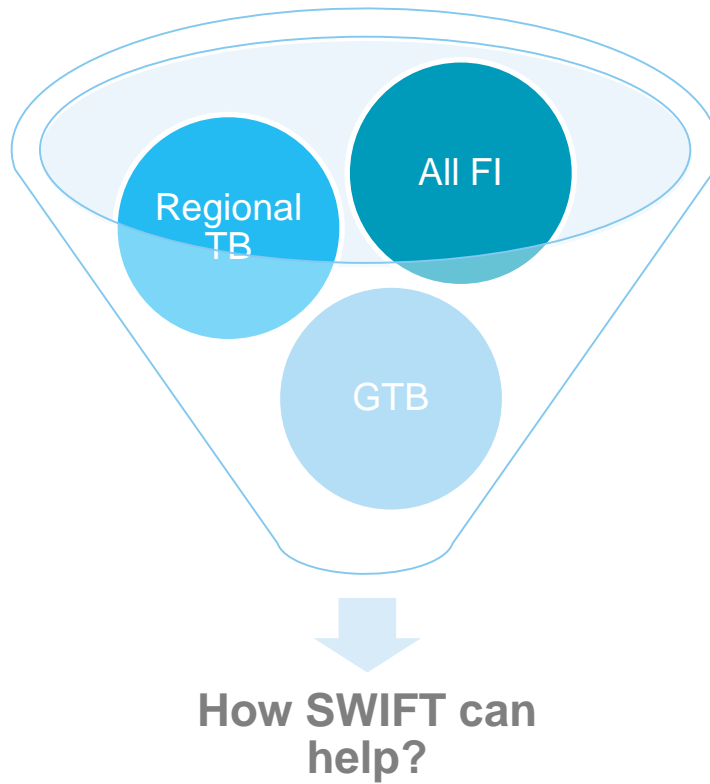
Powerful predefined mapping libraries and unique
ISO 20022 experience



How Can Swift Help?



Products and Services



High Level Impact Assessment
Business and technical analysis

Feasibility Study
Provides functional requirement specifications for future infrastructure

Messaging Gap Analysis
Mapping
MT to MX

Training
ISO20022
ISO 20022 for Payments

My Standards and Readiness Portal
- License
- Training

Integration Portfolio
- License
- Training
- Consultancy

gpi, FCC & BI



ISO 20022 Service Assistance for Key Clients

Standard Services

Business Services

Technical services

SWIFT Single Point of Contact (SPOC)

Standard Advisory

Review of Standard Definitions

ISO 20022 Trainings & Advice

Mystandards/Translator
Implementation

Business Advisory

Advise about setting up business
and messaging flows related to
payments or securities

Assistance with membership and
SWIFT administration related
projects and topics

Technical Advisory

Review of future SWIFT
architecture

Advice on resiliency and
capacity set up

Assistance on SWIFT
security related topics

Elapsed time

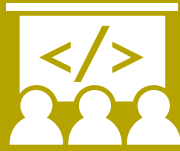


Act now!



Start now

A global transaction bank recently estimated that the project could result in hundreds of man-days working days for a mid-sized bank



Build and train the team

Build a team with business and technical expertise and ensure up-to-speed on ISO 20022



Assess the impact

Complete an impact assessment on how the migration will impact your business flows, tech estate and counterparty relationships



Talk to your vendors

Contact your payment vendors and work with them to ensure all your third-party applications are ready for 2021



Contact SWIFT

Contact your SWIFT account manager – we can help you assess the impact and support your project, end-to-end



Where can I get more help?



Where can I get more help?



ISO 20022 work sessions

Share this presentation with your Product, IT and Operations teams

SWIFTSmart

The [SWIFTSmart](#) e-learning training platform includes an introduction to ISO 20022



ISO 20022 hub

The [ISO 20022 Programme hub](#) provides more information on the programme, timeline, transition period and resources

MyStandards

The [CBPR+ MyStandards page](#) hosts all usage guidelines, a readiness portal for testing your back office applications and a mapping sandbox to publish translation rules

Knowledge Centre

The [Knowledge Centre](#) hosts detailed documentation on SWIFT products services, including the [SWIFTNet messaging service](#) that will be the basis for the new InterAct service to support CBPR+ compliant flows



Customer support

[SWIFT Customer Support](#) is available 24/7 to answer specific queries if you do not find the information you are looking for

Consulting services

[Expert standards and technical consultants](#) are available to help you assess impact of ISO 20022, get trained, define your project and support your implementation. Contact your account manager to find out more

Vendor support

SWIFT has provided most commonly used vendors with necessary information to incorporate CBPR+ guidelines into their core banking, middleware, screening, reconciliation and other financial products





www.swift.com