# ISO 20022 Community Readiness Deck



## Agenda

June 2024 ISO 20022 Community Readiness Deck A new language for payments <u>Go to section</u>

CBPR+ migration scope and timeline Go to section

Focus on payment instructions <u>Go to section</u>

Getting at work Go to section

Appendix: non-instruction messages <u>Go to section</u>



# A new language for payments

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## A global shift to ISO 20022

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## Meeting the G20 targets

The G20 has outlined a number of goals to enhance the speed, cost, transparency, choice and access of cross-border payments by 2027.

## Global adoption in domestic markets

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, and others.

## Cross border payments on the move

March 2023 is the start of co-existence period started with ISO 20022 and MT as standard for cross-border payments and reporting, running until November 2025.

## Domination in high value payments

By 2025, ISO 20022 will dominate high-value payments, supporting over 80% of transactions values worldwide.

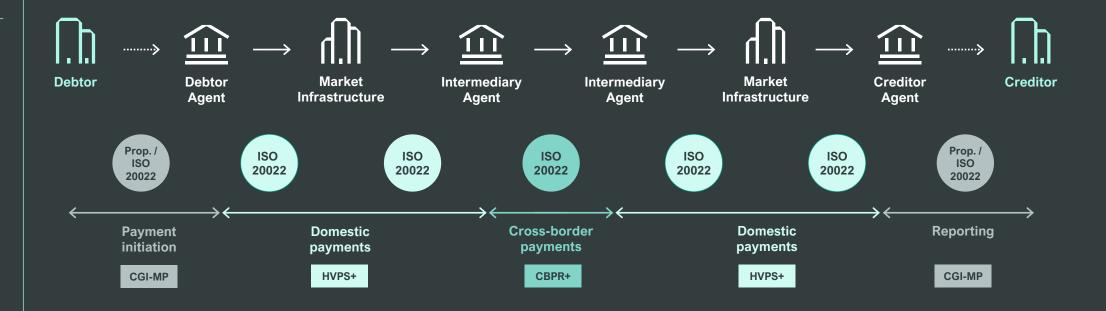
#### Innovation

ISO 20022 adoption will enable new payment models like CBDCs, allow interoperability of IPS schemes and support new payment instruments like Request to Pay.



## ISO 20022 provides consistent, rich and structured data across the payments chain

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- 40% of cross-border transactions have at least one ISO 20022 domestic leg, typically at the beginning and/or at the end
- 10-50% of RTGS payments have at least one ISO 20022 cross-border leg

- By the end of the decade more than 80% of PMI's will adopt ISO 20022 domestically hence end-to-end STP remains highly dependent on PMI development maturity and local market practice
- Global Swift initiatives like gpi, ISO 20022 & PMI services are already reducing friction and increasing speed of transaction value chains



## What improvements does ISO 20022 bring over MT?



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## Element hierarchy

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



### Dedicated elements

MT103, Single Customer Credit Transfer 50K Ordering Customer

:50K:/122267890 BIODATA GMBH HOCHSTRASSE, 27 8022-ZURICH SWITZERLAND 

## 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

</PstIAdr>
</Dbtr>

- 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



## Supercharge your payments business with ISO 20022

Visit the mini-hub on swift.com

June 2024 ISO 20022 Community Readiness Deck Leading financial institutions share their insights on real-world benefits of ISO 20022's rich and structured data.

## Run your business



#### Streamline financial crime compliance

Use the structured data in the ISO 20022 format, improve efficiency and free up operational teams to focus on real risks.

### Improve exceptions and investigations

Increase operational efficiency, reduce costs and improve SLAs.

#### Simplify regulatory reporting

Improve customer experience, reduce operational and processing costs.

## Grow your business



#### Enhance customer insights

Tailor products and services to specific customer groups.

#### Build vertical value propositions

Protect your existing business, gain access to new customer segments and revenue streams.

#### Strengthen corporate treasury activities

Reduce payments friction, streamline reconciliation, increase the accuracy of cash flow forecasting, and improve working capital.



Don't get left behind: the time to act is now!

June 2024 ISO 20022 Community Readiness Deck Standards coexistence is now a reality. But before the full benefits of ISO 20022 can be realised, financial institutions need to adopt it natively and at scale.

Major reserve currencies are already in the process of adopting ISO 20022, so it's essential that you are ready to receive, relay, acquire and initiate payments using the new standard.

There are many ways that you can use ISO 20022 to improve the efficiency of your operations, reduce costs, improve customer experience, create new value propositions, and gain market share.

Forward-thinking financial institutions are already taking advantage of these opportunities.

Whatever your business goals, start making ISO 20022 part of your strategy today to reap the rewards of rich and structured data and supercharge your business.

- Prioritise your business case based on the examples that can offer the greatest benefits for your organisation
- Consult with your internal colleagues to discuss the opportunities presented by ISO 20022
- Start working with your partners and corporate customers to plan their adoption journey



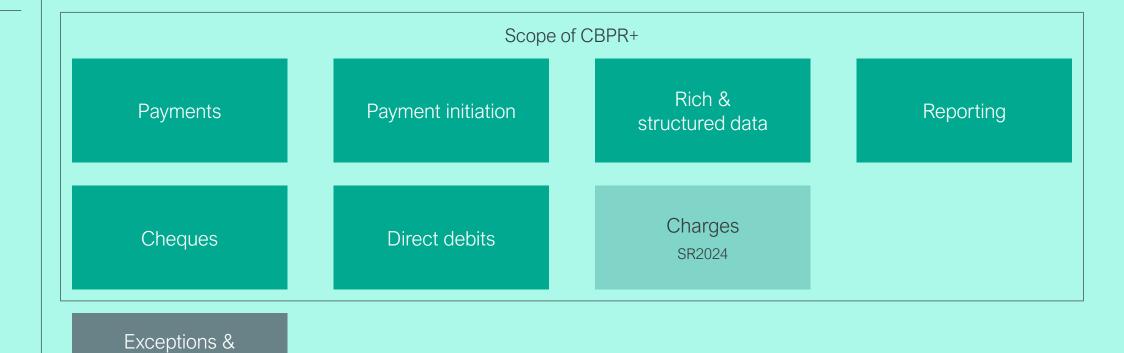
# CBPR+ migration scope and timeline

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## What are the message categories in scope of CBPR+

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investigations\*

(\*) Case Manager aims to replace use of unstructured MT messages with a centralized service for managing exceptions and investigations that can be updated and accessed using structured ISO 20022 messages, an API, or a GUI

June 2024

ISO 20022

Community

Readiness Deck

## Scope of messages migrating to ISO 20022

& investigations

Exceptions

## November 2025 deadline confirmed

MT101 (interbank) pain.001 MT102 Removed MT102 STP Removed MT103 pacs.008 MT103 STP pacs.008 MT103 REMIT Removed MT200 pacs.009 MT201 Removed MT202 pacs.009 MT202 COV pacs.009 COV MT203 Removed MT205 pacs.009 pacs.009 COV MT205 COV

# Deprecated but supported until November 2026

MT192 Removed	camt.055
	camt.056
MT195 Removed	camt.110
MT196 Removed	camt.029
	camt.111
MT199 Retired	camt.110
	camt.111
MT292 Removed	camt.056
	camt.058
MT295 Removed	camt.110
MT296 Removed	camt.029
	camt.111
MT299 Retired	camt.110
	camt.111
MT992 Removed	camt.056
	camt.058
MT995 Removed	camt.110
MT996 Removed	camt.111
SRP messages	
MT192 Removed	camt.056
MT199 Retired	camt.056
MT196 Removed	camt.029
MT199 Retired	camt.029

# Deprecated but supported after November 2025

Charges

MT190

MT191

MT290

MT291

MT990 MT991 **Cheques** MT110

MT111

MT112

MT107

MT204

Direct debit
MT104

	MT210	camt.057
	MT900	camt.054
ס	MT910	camt.054
	MT920	camt.060
5	MT935	camt.053
<u>.</u> )	MT940	camt.053
	MT941	camt.052
	MT942	camt.052
	MT950	camt.053

camt.105

camt.106

camt.105

camt.106

camt.107

camt.108

camt.109

pain.008 pacs.003

pacs.003

pacs.010

		-

	Tracker notifications
_	
_	

Common group messages

# Deprecated but supported after November 2025

MT198
MT199
MT298
MT299
MT998
MT999
When not used for E&I

MT199	trck.001
	trck.002
MT299	trck.001
	trck.002
Tracker to user	trck.003/
Tracker to user	trck.004
SRP fr tracker	trck.005
Depresented aun	port for

Deprecated support for MT199/299. New functionality available only on API/trck

# Payment instructions



## ISO 20022 for CBPR+ and coexistence roadmap

March Board confirmed the end of coexistence for Nov 2025 and all banks shall be focusing on <u>Payment Instruction</u> messages being completed by Nov 2025

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## **Swift**

## March 2023

**Start of CBPR+ coexistence** 

Start of the coexistence period for cross-border payments and cash reporting messages

## November 2024

Extra messages go live

New set of messages that relate to charges, exceptions and investigations

## November 2026

Unstructured Address removed from party fields

Must use rich, structured addresses

Visit swift.com for the latest stats

## **Highlights on CBPR+**

May 1<sup>st</sup>, 2024 – May 31<sup>st</sup>, 2024

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#### **Average Daily ISO:**

Daily Average of 1,030,000+ ISO 20022 <u>payment</u> <u>instructions</u> are sent and received on FINplus service globally

# 030,000

#### **Total Sender BIC8s:**

1,180+ BIC8s sending domestic or international ISO 20022 messages on FINplus service globally

## Total Receiver BIC8s:

5,740+ BIC8s receiving domestic or international ISO 20022 messages on FINplus service globally

## **Total Sending Countries:**

130+ countries sending ISO 20022 messages on FINplus service

## Total Receiving Countries:

210+ countries receiving ISO 20022 messages on FINplus service

## **Adoption Rate:**

24.5% of payment instructions traffic has already shifted from FIN to ISO 20022 messages (pacs.002, pacs.004, pacs.008, pacs.009 & pacs.009Cov)

1 180+

5,740+

130+

210+

24.5%



# Focus on payment instructions

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## Payments message scope

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CBPR+ message	Eligible for in-flow translation?	Processed by Transaction Manager?	Set of equivalent MT messages
pacs.008 (incl. STP) FIToFICustomerCreditTransfer	Yes	Yes	MT 102 (incl. STP)
pacs.009 (incl. COV, ADV) FinancialInstitutionCreditTransfer	Yes	Yes	MT 103 (incl. REMIT, STP, /RETN/) MT 200
pacs.002 FIToFIPaymentStatusReport	Yes	Roadmap currently under discussion	MT 201 MT 202 (incl. COV, /RETN/) MT 203
pacs.004 PaymentReturn	Yes	Roadmap currently under discussion	MT 205 (incl. COV, /RETN/)

For the Usage Guidelines, please consult the CBPR+ group on <u>MyStandards</u>

For the specifications of the translation rules, please consult the Translation Portal on <u>MyStandards</u>

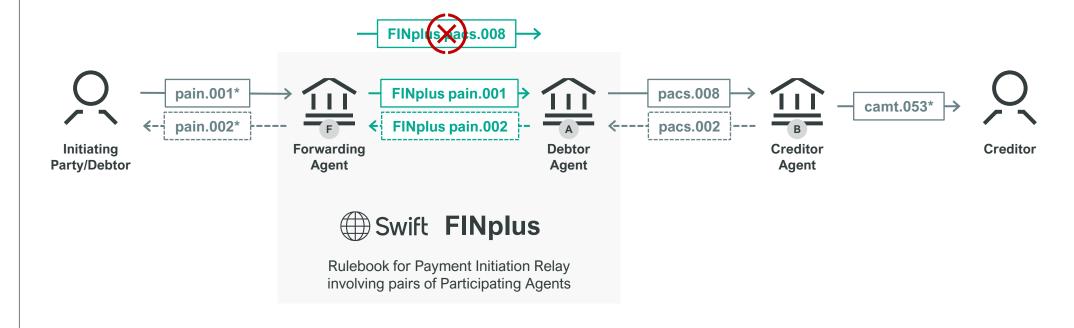
For more details, please consult the MX/MT Equivalence Tables on MyStandards



Payment initiation 'relay' – pain.001 sent by Forwarding Agent Replaces Request for Transfer (MT 101) Service Level Agreement

Visit KB article 5026117 for more details

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### Governance

Simpler Rulebook governance model



## Simplify implementation

Rulebook supplements the CBPR+ UGs and User Handbook



## Digitalisation

Accede to the Rulebook through new <u>e-form</u>



## **Publication**

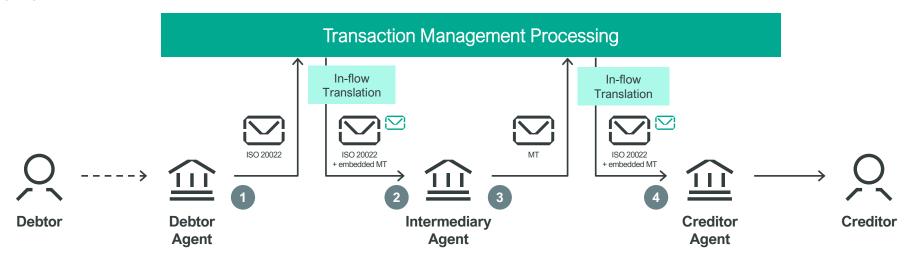
Online status check with new <u>Directory</u>





## **In-flow vs Transaction Manager**

June 2024 ISO 20022 Community Readiness Deck Transaction Manager and In-flow Translation are two independent services directly embedded into current messaging services.



- Debtor Agent sends ISO 20022 to Intermediary. Message is internally routed to Transaction Manager, which creates transaction copy and delivers ISO 20022 to Intermediary
- Intermediary receives ISO 20022 + embedded MT added by In-flow translation after TM processing

- Intermediary sends MT (same UETR) internally routed to TM. TM converts to MX, applies data integrity rules, updates transaction copy and delivers ISO 20022 to receiver
- Creditor Agent receives ISO 20022 + embedded MT added by In-flow translation after TM processing



**In-flow vs Transaction Manager** 

Transaction Management Processing

In-flow
Translation

In-flow
Translation

In-flow
Translation

In-flow
Translation

In-flow
Translation

From Debtor

Intermediary

Creditor

Creditor

Agent

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	In-flow Translation	Transaction Manager
What?	Translates ISO 20022 messages into a multi-format message in which a translated MT message format is embedded. The receiver can choose for the output message to be the untranslated ISO 20022 message or a multi-format message	Processes in scope messages, stores a centrally maintained transaction copy, holds all transaction information for all parties and ensures the transaction data is preserved across the entire lifecycle
How?	Follows mapping rules defined by the CBPR+ working group and is agnostic of the content	Uses process-based and data-based logic to look at data quality, applying business validation and data integrity rules to the transaction
Scope	All <u>eligible in-scope messages</u> will be processed by in-flow, unless an institution decides to opt out	All eligible in-scope messages will be processed by Transaction Manager, there is <b>no opportunity to opt out</b>
As Transaction Manager output is an ISO 20022 message, all messages processed by it can be subject to In-flow Translation		

Debtor



## Impact of ISO 20022 on Financial Crime compliance operations

Consult the ISO 20022 screening guidelines document on swift.com

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## Benefits of ISO 20022

- ISO 20022 creates opportunities to increase efficiency and effectiveness in your Financial Crime compliance processes
- ISO 20022 provides additional and more structured data elements to better identify names, addresses as well as different party fields involved in the transaction
- To take full benefit of ISO 20022 you need to:
  - Work with with your compliance department to check how additional data elements can improve your existing processes
  - Engage with your compliance vendor check how and when they will support ISO 20022

## ISO 20022 support on Swift Products

- Swift's screening and anomaly detection solution –
   Transaction Screening and Payment Controls, are fully ISO 20022 ready
- 2. During the CBPR+ migration, you must be ready to screen at least incoming ISO 20022 CBPR+ MX messages
- 3. Review your configuration to ensure that you have appropriate rules in place to screen ISO 20022 messages
- 4. Test the impact of ISO 20022 on your sanction's compliance processes with Swift Sanctions Testing

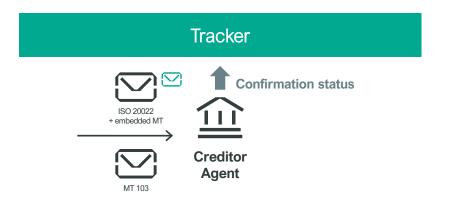


Consult the <u>ISO 20022 screening guidelines</u> document on swift.com <u>Use case 1 – Streamline financial crime compliance | Swift</u>

For more information on how to set up ISO 20022 screening configuration, see the <u>Transaction Screening Support Page</u> and <u>Payment Controls Support Page</u> More information on <u>Sanctions Testing</u>

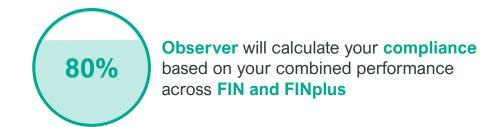
## **Universal Confirmation and ISO 20022 Adoption**

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For **every** Customer Credit Transfer received, **you must send** a confirmation status to the Tracker\*

What?	How?
Customer Credit Transfer includes MT 103, pacs.008 and multi-format MX messages received	You can use the channel and format of <b>your choice</b> to send a confirmation status



## Migration Checklist

- Consult the latest <u>Universal Confirmation</u>
   Rulebook available
- Test your confirmation capabilities within your own institution
- Reach out to Swift Support in case you have any questions to ensure your confirmation process is ready for receiving pacs.008 and multi-format MX messages
- Consider including the migration of your MTs 199 to trck.001.001.02 or API in your migration plan
- Deprecated support for MT199/299. New functionality available only on API or trck



(\*) Universal Confirmation Rulebook was introduced in 2020



June 2024 ISO 20022 Community Readiness Deck Swift

Self-attestations have been renewed for all vendors describing their solutions for CBPR+ since 31st March 2024.

This renewal of CBPR+ self-attestation did ensure the vendor solutions are compliant with the most up to date CBPR+ usage guidelines.

Swift is looking to enforce a mandatory criteria for CBPR+ self-attestation to further enhance CBPR+ ready listing.

What you can do

Engage with your vendors as soon as possible

Check that your vendor solution is compliant with the most up to date CBPR+ usage guidelines – check the self-attestation date on the CBPR+ ready listing.

Ensure your CBPR+ ISO 20022 implementation roadmap is line with your vendor's roadmap for being CBPR+ ready.

Let us know if your vendor's timelines for CBPR+ implementation are stopping you from your own ISO 20022 adoption.



# Market Practice Guidelines on the usage of rich and structured data elements for cross-border payments

Visit the PMPG pages on swift.com

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Updated October 2023, following start of coexistence and completion of Transaction Manager ramp-up

"With Transaction Manager safeguarding the end-to-end data integrity, customers can now leverage the full potential of ISO 20022 and start sending 'enhanced' data"

Link to full document

## Set of papers published from November 2023 onwards

Guidelines on the provision of

- Ultimate Parties
- Regulatory Reporting
- Structured Remittance Information
- Hybrid Postal Address (unstructured Postal Address not allowed after November 2026, i.e. NAK on network)





Link to full document



Introduction of hybrid (semi-structured) postal address option across CBPR+ messages for all parties and agents

Visit KB article 5026188 for more details

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## PREFERRED

- All available address data is mapped into one of the 14 ISO 20022 fields
- · No co-mingling of data

Fully structured

 No combination with "AdrLine" allowed

## Unstructured

- No combination with structured ISO 20022 address elements allowed
- Difficulty to interpret data due to co-mingling of address elements
- MT unstructured (Debtor and Creditor):
- :50F:/GB12CITI08330078493433 1/ERIC STOWERS 2/GRANGE ROAD,50 3/GB/LONDON,SNW28 1EU
- :59F:/GB12MID40051587235467 1/DESK SUPPLIES PLC 2/MILL ROAD,48 3/GB/LONDON,SE 58 76E

## Hybrid (semi-structured)

- Combination of structured ISO 20022 address elements and up to 2 lines of 70 characters of unstructured "AdrLine" allowed
- Elements available in structured format must be mapped into the respective structured element (minimum: TownName & Country)
- Structured elements must not be repeated in the AdrLine element(s)

Network validation rules

NEW

Textual rule

```
<Cdtr>
<Nm>JOHN SMITH</Nm>
<PstlAdr>
<PstlCd>1000</PstlCd>
<TwnNm>BRUSSELS</TwnNm>
<Ctry>BE</Ctry>
<AdrLine>HOOGSTRAAT 6, 18th floor</AdrLine>
</PstlAdr>
</Cdtr>
```

Nov 2025 Nov 2026



All three options allowed ('grace period')

**Unstructured not allowed anymore** 

# Getting at work

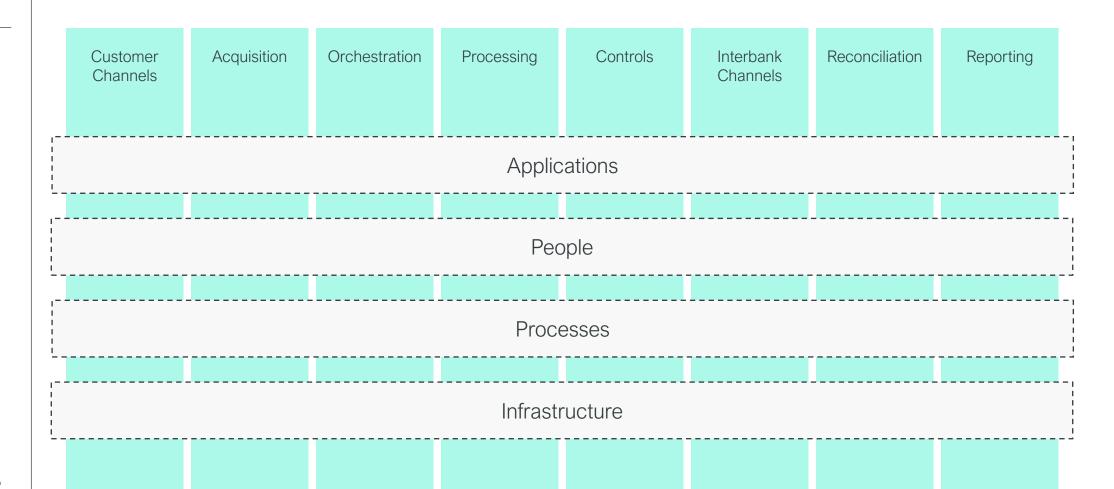
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## Native adoption of ISO 20022 has vast implications

Plan for the end of coexistence now!

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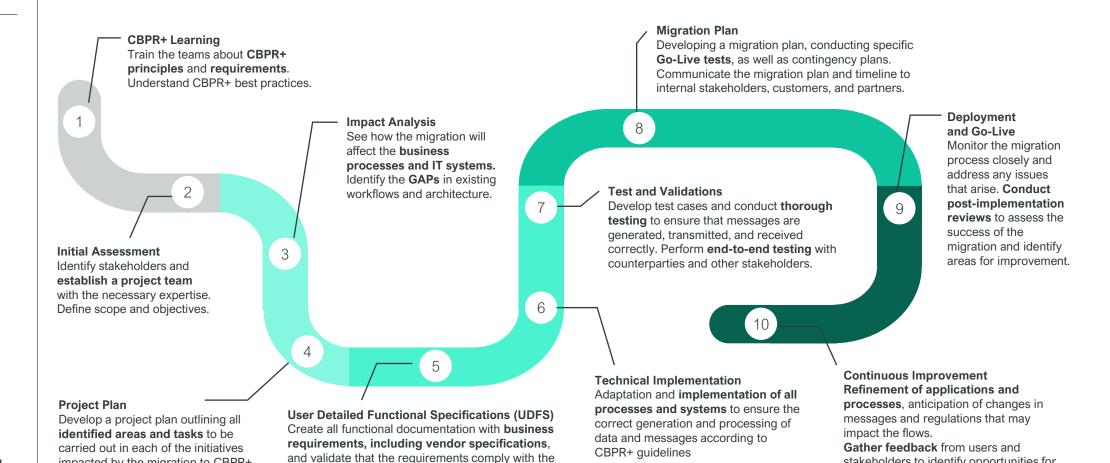


## **Your Journey to ISO 20022**

impacted by the migration to CBPR+.

new ISO 20022 format.

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stakeholders to identify opportunities for

further optimization or enhancement.



## How to dive further

## ISO 20022 for Financial Institutions – Support Page

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# One-stop shop for all business/technical specifications

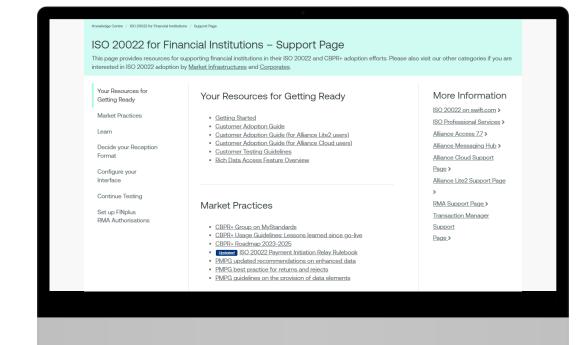
Protected, requires swift.com login

- Getting Started Documentation
- Customer Adoption Guide Documentation
- All CBPR+ Learning resources: SwiftSmart modules
- CBPR+ MT/MX equivalence tables

## Additional collateral

Free access

- Benefits of ISO 20022
- ISO 20022 FAQs
- PMPG Migration & interoperability considerations
- BAFT ISO 20022 Migration: Lessons Learned





## **Key resources on CBPR+ payments**

June 2024 ISO 20022 Community Readiness Deck Swift Smart module 'Customer Payments and Transaction Reporting using ISO 20022' Swift Smart module 'FI Credit Transfers and Transaction Reporting using ISO 20022' **CBPR+ User Handbook PMPG Cover Payments Market Guidance** PMPG Best Practice Guidance for the Return of Funds and Rejects of Payments Swift Smart learning curriculum 'CBPR+ - Customer Payments' Swift Smart learning curriculum 'CBPR+ - Financial Institution Transfers' **CBPR+ Usage Guidelines CBPR+ Translation Rules In-Flow Translation Service Overview** 

Readiness Portal **Translation** Portal Swift Test **Sparring Partner** ISO 20022 Readiness Directory



## Don't miss CBPR+-related communications!

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## **Business communications**

## **Operational communications**

How to register?

Update your swift.com domains of interest Select 'ISO 20022' (under the 'Standards' category) in the Swift Preference Centre

Register as a FINplus contact person

Select 'FINplus Contact Person' under the 'Business roles' category in the Contact Roles linked to your MySwift profile

For whom?

Anyone with Payments Product Management responsibilities and / or interest in why, when and how the payments industry is migrating to the ISO 20022 format

Anyone with Payments operational responsibilities and / or interest in the implementation of ISO 20022

**Examples** 

- ISO 20022 in bytes newsletter
- Publication of new ISO 20022 papers
- Promotion of learning resources

Mailings on upcoming deployments, milestones, maintenance items



Ask team members in your organization to register to the <u>upcoming webinars</u>

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Community
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# Migrating to ISO 20022 is <u>not</u> a Standard Release change

Start your ISO 20022 migration project without delay, November 2025 is just behind the door

Thank you for your attention!





# Appendix: non-instruction messages

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## Payments message scope

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CBPR+ message	Eligible for in-flow translation?	Processed by Transaction Manager?	Set of equivalent MT messages
camt.052 BankToCustomerAccountReport	Yes (Basic translation of key elements)	No	
camt.053 BankToCustomerStatement	Yes (Basic translation of key elements)	No	MT 210 MT 900 MT 910
camt.054 BankToCustomerDebitCreditNotification	Yes (Basic translation of key elements)	No	MT 920 MT 935 MT 940
camt.057 NotificationToReceive	Yes	No	MT 941 MT 942 MT 950
camt.060 AccountReportingRequest	No	No	



For the Usage Guidelines, please consult the CBPR+ group on MyStandards

For the specifications of the translation rules, please consult the Translation Portal on MyStandards

For more details, please consult the MX/MT Equivalence Tables on <u>MyStandards</u>

## **Key resources on CBPR+ reporting**

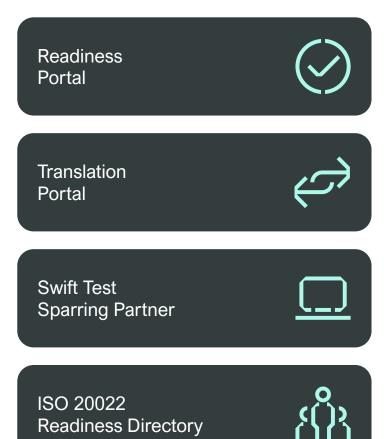
June 2024 ISO 20022 Community Readiness Deck Swift Smart module 'Transaction and Account Reporting with ISO 20022'

CBPR+ User Handbook

Swift Smart learning curriculum 'CBPR+ – Transaction and Account Reporting'

CBPR+ Usage Guidelines

CBPR+ Translation Rules





## Cheques message scope

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CBPR+ message	Eligible for in-flow translation?	Processed by Transaction Manager?	Set of equivalent MT messages
camt.107 ChequePresentmentNotification	Yes	No	
camt.108 ChequeCancellationOrStopRequest	Yes	No	MT 110 MT 111 MT 112
camt.109 ChequeCancellationOrStopReport	Yes	No	

For the Usage Guidelines, please consult the CBPR+ group on <u>MyStandards</u>

For the specifications of the translation rules, please consult the Translation Portal on <u>MyStandards</u>

For more details, please consult the MX/MT Equivalence Tables on <u>MyStandards</u>



RMA authorizations were bootstrapped in September 2023

Check with your application provider(s) on their readiness

Learn more with the dedicated e-learning module on Swift Smart

## **Direct Debits message scope**

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CBPR+ message	Eligible for in-flow translation?	Processed by Transaction Manager?	Set of equivalent MT messages
pain.008 CustomerDirectDebitInitiation	No	No	
pacs.003 FIToFICustomerDirectDebit	No	No	MT 104 MT 107 MT 204
pacs.010 (incl. margin collection) FinancialInstitutionDirectDebit	No	No	

For the Usage Guidelines, please consult the CBPR+ group on <u>MyStandards</u>

For the specifications of the translation rules, please consult the Translation Portal on <u>MyStandards</u>

For more details, please consult the MX/MT Equivalence Tables on <u>MyStandards</u>



No bootstrapping of RMA authorizations

Check with your application provider(s) on their readiness

Learn more with the dedicated e-learning curriculum on Swift Smart

## Charges message scope (CBPR+ SR 2024)

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CBPR+ message	Eligible for in-flow translation?	Processed by Transaction Manager?	Set of equivalent MT messages
camt.105 (Single Transaction) ChequePresentmentNotification	Yes	No	MT 190 MT 191 MT 290 MT 291
camt.105 (Multiple Transactions) ChequeCancellationOrStopRequest	No	No	
camt.106 (Single Transaction) ChequeCancellationOrStopReport	Yes	No	
camt.109 (Multiple Transactions) ChequeCancellationOrStopReport	No	No	

For the Usage Guidelines, please consult the CBPR+ group on <u>MyStandards</u>

For the specifications of the translation rules, please consult the Translation Portal on MyStandards

For more details, please consult the MX/MT Equivalence Tables on <u>MyStandards</u>



RMA authorizations will be bootstrapped in September 2024 (exact date TBC)

Check with your application provider(s) on their readiness

Dedicated e-learning material will soon be available on Swift Smart

