

ISO 20022 Community Readiness Deck

October 2022

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Introduction



ISO 20022 timeline for Cross-Border Payments and Reporting (CBPR+)

August 2022

Optional live service (early adopters)

Participants can start exchanging CBPR+ messages and relying on In-flow Translation over the FINplus Live service, on opt-in basis, with counterparts of their choice

Nov 2025

End of MT/MX coexistence

All messages (MTs) supporting cross-border payments and reporting messages (categories 1, 2 and 9) are retired from the FIN many-to-many service. Same for the In-flow Translation service. Please refer to MyStandards for the full list of messages in scope

Dec 2018

Decision to Migrate to ISO 20022

- An extensive community consultation was conducted from April to June in 2018 about a potential migration to ISO 20022
- Approx 90% of the community voted for SWIFT to mandate the migration to ISO 20022 for payments and reporting

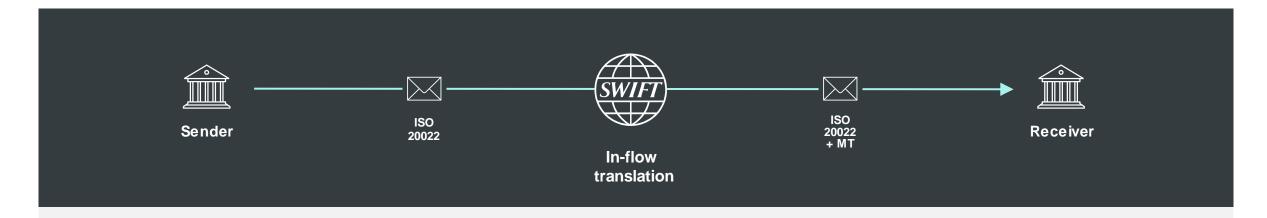
Nov 2022

CBPR+ go-live (general availability)

CBPR+ messages with central interoperability measures, including the In-flow Translation service, become generally available on the FINplus Live service. This marks the start of the coexistence period for cross-border payments and cash reporting messages. This milestone requires a **mandatory** messaging interface upgrade and RMA authorisations to be in place.



A coexistence period from November 2022 to November 2025



In November 2022, SWIFT participants will:

- Have the choice to start sending some or all of their cross-border payments as ISO 20022 messages. (they can continue sending MT messages if they so choose)
- Have to be able to consume incoming
 ISO 20022 messages in their messaging interface

During the **coexistence period**, from November 2022 to November 2025, SWIFT will provide support for **interoperability between ISO 20022 and MT** users primarily through a messaging-based in-flow translation service, for participants not ready for processing ISO 20022 messages natively in their back-office applications.

Consult the <u>In-Flow Translation Service Overview document</u> for detailed information



Am I impacted?

FIN Category 1, 2 and 9 MTs will be retired in **November 2025**

CBPR+ messages based on ISO 20022 definitions, will replace them, starting **November 2022**

There are **SOME** exceptions...

- Message exchanges in the SCORE service will continue as they are for the foreseeable future
- Closed User Groups operated by non-SWIFT entities will continue as they are for the foreseeable future

But **YES**, you almost certainly ARE affected. And you need to assess the impact, if you have not already done so



What do I need to do for November 2022?

Bank profile	Will typically send	Obligation to receive
ISO enabled bank	ISO 20022 to all correspondents	 ISO 20022 or Multi format MX containing translated MT, over FINplus MT for MT originated payments over FIN
MT legacy bank (ISO implementation ongoing)	MT while still implementing ISO	 Multi format MX containing translated MT, over FINplus MT for MT originated payments over FIN



Minimum requirements for November 2022:

All customers must be ready to receive and process native ISO 20022 messages or multi-format messages with appropriate RMA authorisations in place.

All parties involved in the payment chain are impacted by ISO 20022, which has ramifications to the core banking, reconciliation, liquidity management, financial crime compliance controls and archival systems. Ultimately back-offices shall be ISO 20022 native before the end of the coexistence period in November 2025.

Your readiness journey towards November 2022

Set up your testing environment O1 Upgrade your Test interface O2 Configure your interface and set-up your test connectivity O3 Test (self-testing, testing with SWIFT or bilaterally agreed with your counterparties) Prepare for Live deployment Upgrade your Live interface Validate and import the FINplus Bootstrap file into your RMA Interface Configure your interface and set-up your live connectivity

- If using a third party FIN interface, work with the vendor to ensure the product supports multi-format message handling
- Perform end-to-end testing to ensure successful straight-through processing from the interface to the back-office applications
- If using a service bureau, work with the vendor to ensure you can receive and process the output from the service bureau

Visit the **Ensuring ISO 20022 Readiness page on the Knowledge Centre** for detailed information or register for one of our upcoming webinars!

Preparing for Live Deployment



Upgrade your messaging interface

By November 2022, it is **mandatory to upgrade** to a messaging interface version that can:

- Cope with multi-format MX messages
- > Output to back-office applications in either format, including translation result
- ➤ Validate the translation signature

SWIFT-provided products

Release	Available
Alliance Access/Entry 7.6.50 (or higher)	July 2022
Alliance Messaging Hub 4.2 (or higher) *	July 2021
Alliance Lite2	November 2021
Alliance Cloud	March 2022

^{*} AMH 4.1.6 is the minimum version if MT extraction from multiformat MX messages is not required.

Third party applications

Verify with your messaging interface provider on the availability of a compliant version



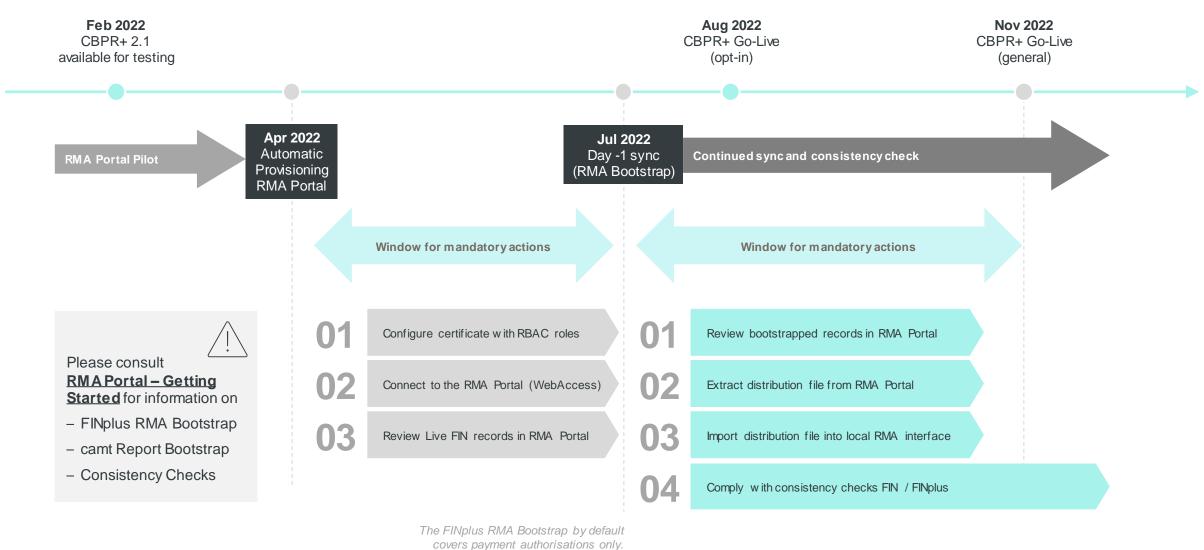


FINplus Automated Subscription and CBPR+ Messages Activation



- A default store-and-forward queue and message routing rules configuration is automatically implemented for all eligible BICs that are not subscribed to the FINplus service(s) yet. See <u>KB article 5025106</u> for details (*)
- From 21 August 2022, CBPR+ messages are activated on FINplus Live for Early Adopters only.
 Participants who want to be part of the Early Adopters group need to opt in through the <u>FINplus Live Change e-order form</u>.
- On 20 November 2022, CBPR+ messages will be activated on FINplus Live for all participants. No subscription step is required.
 This marks the start of the coexistence period for CBPR+, all participants need to be able to receive messages over FINplus.
- In parallel, CBPR+ messages were activated on FINplus Pilot Current on 21 August 2022, for all users. No opt-in through e-order form required.





It is only run for Live traffic.

Universal Confirmation and ISO 20022 Readiness

Starting as from **November 2022**

For all MT 103 and pacs.008 messages received you need to send a confirmation status to the Tracker

When? As from November 2022 you'll need to confirm both your MT 103 and pacs.008

How? You can use the channel of your choice to send a confirmation status

Readiness Checklist



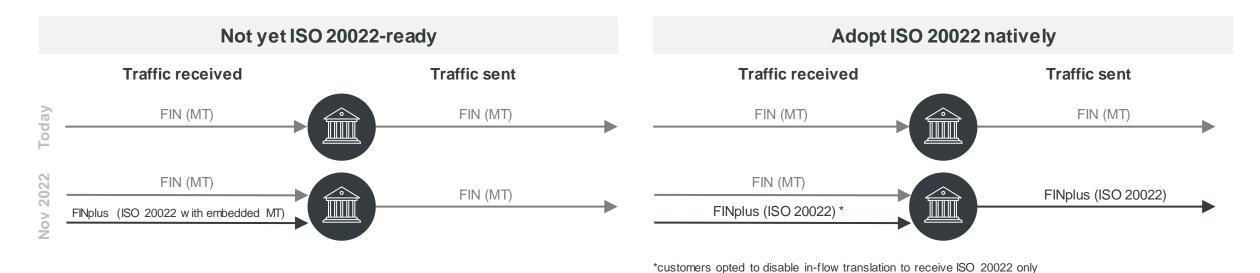
- Consult the latest <u>Universal</u>
 Confirmation Rulebook available
- Test within your own institution your confirmation capabilities
- Consider migrating from Universal
 Confirmations via MT 199s to
 confirmations via trck.001.001.02 or
 API



Testing



Customer ISO 20022 readiness will drive the customer testing journey



ISO 20022 adoption approach will determine scope of functional testing

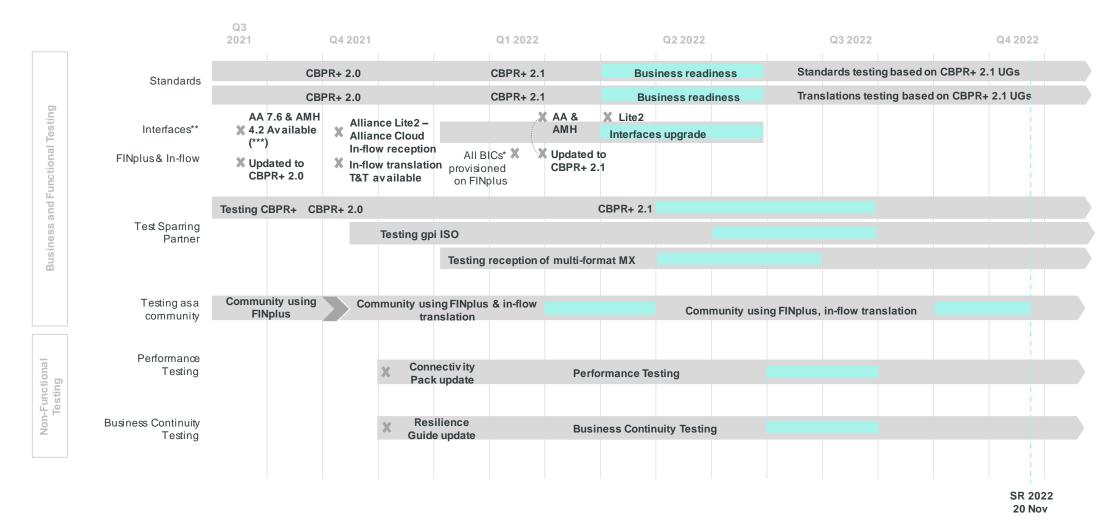
Customers could also have an hybrid approach (depending on their branches or back office applications ISO 20022 readiness)





^(**) For testing with SWIFT, customers can get free access to the universal version of the Test Sparring Partner. For more details, see the <u>User Guide</u>.

Start as soon as possible to keep a contingency window before go-live





^(**) AA: Alliance Access/Entry; AMH: Alliance Messaging Hub

^(***) AMH 4.1.6 is the minimum version if MT extraction frommultiformat MX messages is not required.

Consequences of not acting for readiness



Get ready to ensure business is not impacted

From November 2022, any participant can begin sending ISO 20022 messages for CBPR+.

Payment messages will move first. Reporting messages will follow a slower pace.

Not being ready will mean a **break in the continuity of your business operations**, with payment instructions coming from your correspondents that cannot be processed.

This will impact **not only your business operations but your counterparties too**, with end customers experiencing delays in execution and querying for a status on their payments.

It takes every single participant in getting the community ready.

Alliance Access / Entry

Alliance Messaging Hub

Third party on-premise interfaces

Alliance Lite2

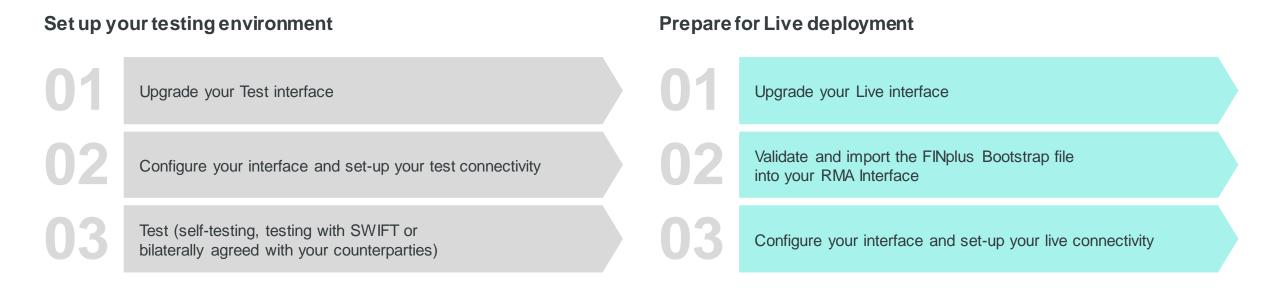
Alliance Cloud

L2BA

Via Connectivity Provider (Service Bureau, Group Hub)



Your readiness journey – Alliance Access / Entry, AMH or Third party on-premise interfaces



- If using a third party FIN interface, work with the vendor to ensure the product supports multi-format message handling
- Perform end-to-end testing to ensure successful straight-through processing from the interface to the back-office applications
- If using a service bureau, work with the vendor to ensure you can receive and process the output from the service bureau

Visit the **Ensuring ISO 20022 Readiness page on the Knowledge Centre** for detailed information or register for one of our upcoming webinars!

What if you do not act? Alliance Access / Entry

What is the problem

Messages are sent to the repair queue

Default emission / reception profile is

- not active on Production
- not created on T&T

There is a discrepancy between local and central RMA records *

- Reception: messages which do not have a local RMA authorisation are placed in the investigation queue
- Emission: messages which do not a have a central RMA authorisation are NACked

What can I do

01

Upgrade your Alliance Access / Entry interface to 7.6.50 or higher

- Activate emission / reception profile on Production environment
- Create and activate emission / reception profile on T&T
- Review the central records in the RMA Portal, generate the distribution file and import into your local RMA interface
- Exchange new RMA authorisations with your counterpart(s)
- If using a third party FIN interface, work with the vendor to ensure the product supports multi-format message handling
- Perform end-to-end testing to ensure successful straight-through processing from the interface to the back-office applications

* Note that the FINplus RMA Bootstrap by default covers payment authorisations only.



Visit the **Ensuring ISO 20022 Readiness page on the Knowledge Centre** for detailed information!



What if you do not act? Alliance Messaging Hub

What is the problem

01

The embedded MT is not extracted from the multi-format MX messages in Alliance Messaging Hub

02

There is a discrepancy between local and central RMA records: sent messages which do not a have a central RMA authorisation are NACked **

What can I do

01

Upgrade your Alliance Messaging Hub interface to 4.2 or higher * and configure your FINplus connectivity

- 02
- Review the central records in the RMA Portal, generate the distribution file and import into your local RMA interface
- Exchange new RMA authorisations with your counterpart(s)

Visit the **Ensuring ISO 20022 Readiness page on the Knowledge Centre** for detailed information!





^{*} AMH 4.1.6 is the minimum version if MT extraction from multiformat MX messages is not required.

^{**} Note that the FINplus RMA Bootstrap by default covers **payment authorisations only**. See <u>KB article 5025567</u> for more details.

Your readiness journey – Alliance Lite2 or Alliance Cloud

Set up your testing environment Confirm your configuration (default or customized) Confirm your configuration (default or customized) Be ready to test * Confirm your configuration (default or customized) Validate the FINplus RMA bootstrap records ** Test (self-testing, testing with SWIFT or bilaterally agreed with your counterparties) Be ready for Go-Live *

Visit the Alliance Lite 2 and Alliance Cloud pages on the Knowledge Centre for detailed information or register for one of our webinars!



^{*} Eligible users are automatically provisioned to the FINplus services (Pilot and Live) and Alliance Lite2 Central System upgrade is performed by SWIFT. No mandatory upgrade of Autoclient.

^{**} Alliance Lite2 users continue to manage their authorisations in the Alliance Lite2 RMA GUI. Alliance Cloud users have been migrated to RMA management via the central RMA Portal.

^{***} If using L2BA, work with the vendor to ensure you can receive and process incoming ISO 20022 or translated-MT messages into the provider's application.

What if you do not act? Alliance Lite2 or Alliance Cloud

What is the problem

Messages are not sent to the correct Autoclient or SIL folder

There is a mismatch in RMA records of my back-office RMA application *

What can I do

01

Check the applied configuration / workflows and customise them if needed

02

Synchronise my back-office application with the Central RMA platform

* Note that the FINplus RMA Bootstrap by default covers **payment authorisations only**.



Visit the <u>Alliance Lite2</u> and <u>Alliance Cloud</u> pages on the Knowledge Centre for detailed information!

What if you do not act? Connected via a Connectivity Provider (Service Bureau or Group Hub)

What is the problem

01

ISO 20022 or multi-format messages are not delivered to the back-office applications

02

There is a discrepancy between local and central RMA records *

- Reception: messages which do not have a local RMA authorisation are placed in the investigation queue
- Emission: messages which do not a have a central RMA authorisation are NACked

What can I do

01

Contact Service Bureau / Group Hub to check the interface has been upgraded, configured and workflows have been defined

02

Contact Service Bureau / Group Hub to synchronise local and central RMA records

* Note that the FINplus RMA Bootstrap by default covers payment authorisations only.

Visit the **Ensuring ISO 20022 Readiness page on the Knowledge Centre** for detailed information!





Rich Data



Important Market Practices and Guidelines

PMPG

Best Practice Guidelines for the Payment Industry Migration to ISO 20022

Core principles for a successful migration and potential interoperability challenges facing the broader payments community

December 2021 Link

ISO 20022 Migration and Interoperability Considerations

Recommendation to delay the capturing and origination of rich data elements until November 2023, and for local markets to publish further guidance for their communities, to avoid payment delays and reduce the need for exception handling

July 2022 Link

CBPR+

Usage Guidelines for November 2022 (Release 2.1)

Detailed specifications for usage of pacs.*, pain.* and camt.* messages in scope of the initial CBPR+ Go-Live of November 2022

January 2022 <u>Link</u>

Market Practice for Data Integrity

Guidance for preserving the integrity of payment data in the scenario where an Intermediary Agent is not ready to onward process rich ISO 20022 elements. Defining roles and responsibilities in reporting such data.

August 2022 Link



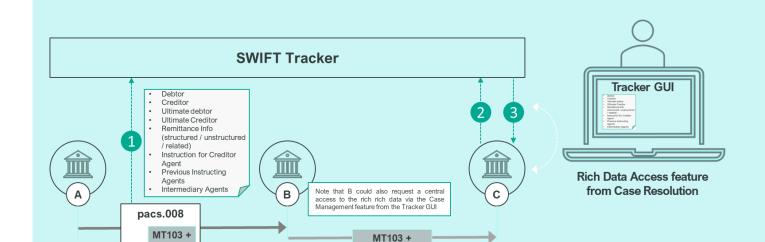
Rich Data Access: centrally retrieve ISO 20022 rich data from Case Management

CONTEXT

- Supports the implementation of the CBPR+ Data Integrity Market Practice Guidance
- Represents an alternative to bilateral requests for additional information

BENEFITS

- Removes dependency on previous intermediaries
- Speeds up exceptions handling for rich data that could not be transported in legacy formats
- Provides a common streamlined process



- Tracker extracts rich data elements from the last pacs.008 message exchanged over FINplus service.
- 2. Users request access to the rich data through the Case Resolution screens.
- The Tracker automatically closes the case: users can consult rich data elements in the Tracker GUI.

UNIVERSAL

- All SWIFT Financial Institutions will have access to this capability (no need for subscription nor onboarding)
- Developed as a new feature of the Case Resolution service

AVAILABILITY

- In Pilot by the end of October 2022
- In Live by the end of November 2022



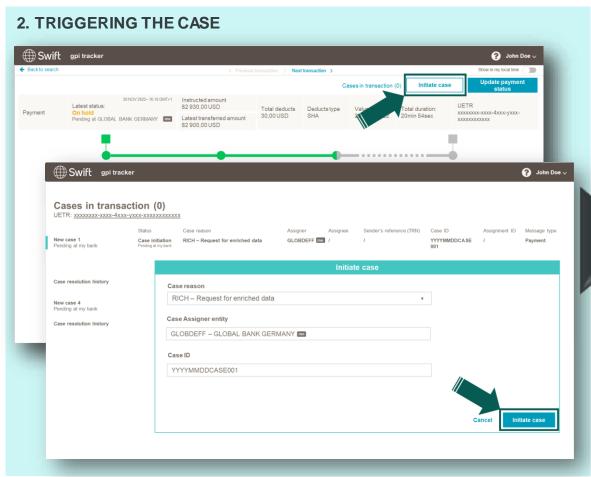
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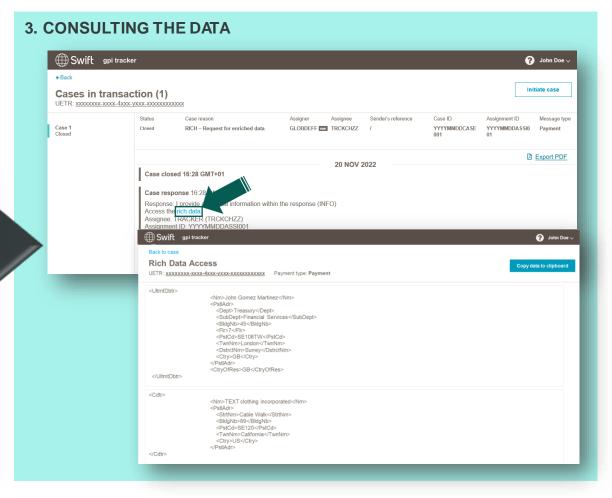
How to centrally access rich data through Case Management?

1. ASSIGNING THE USER ROLES

Update

TMTransactionViewer







ISO 20022 Community Readiness Deck

Resources



How to get started: 'Get ready for ISO 20022 for CBPR+' page on swift.com

Learn about your readiness journey

Public, does not require any swift.com login

Upgrade your Test interface

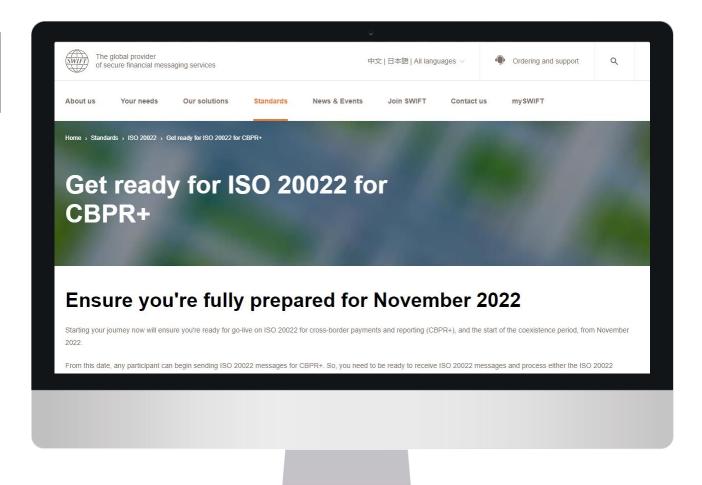
Configure your interface and set-up your test connectivity

Test (self-testing, testing with SWIFT or bilaterally agreed with your counterparties)

Upgrade your Live interface

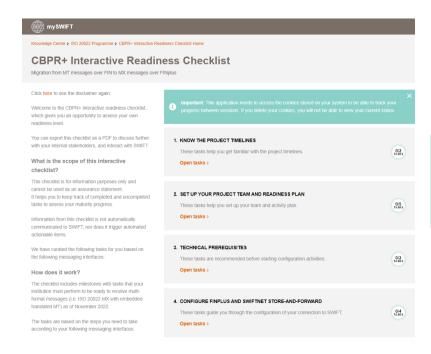
Validate and import the FINplus Bootstrap file into your RMA Interface

Configure your interface and set-up your live connectivity

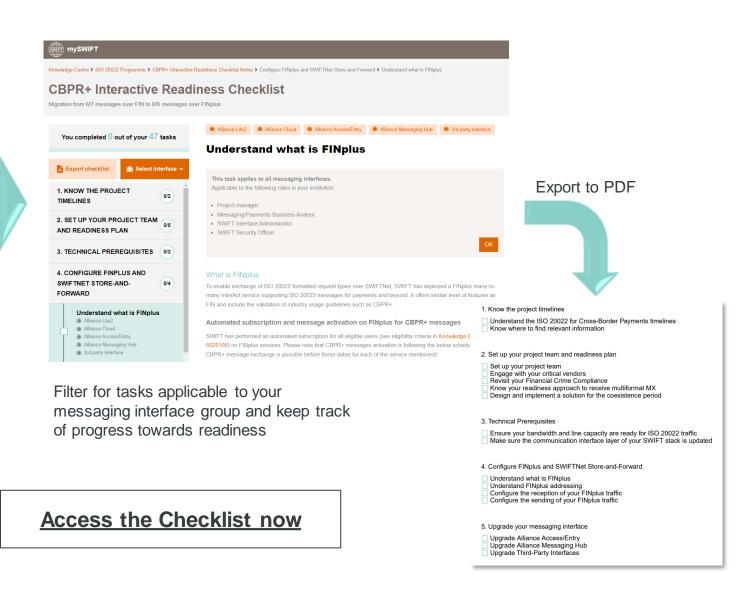




How to get started: CBPR+ Interactive Readiness Checklist on the Knowledge Centre



A checklist of milestones with tasks that your institution must perform to be ready to receive multi-format MX messages as of November 2022.





How to dive further: <u>'Ensuring ISO 20022 Readiness' page on the Knowledge Centre</u>

One-stop shop for all technical specifications

Protected, requires swift.com login

Upgrade your Test interface

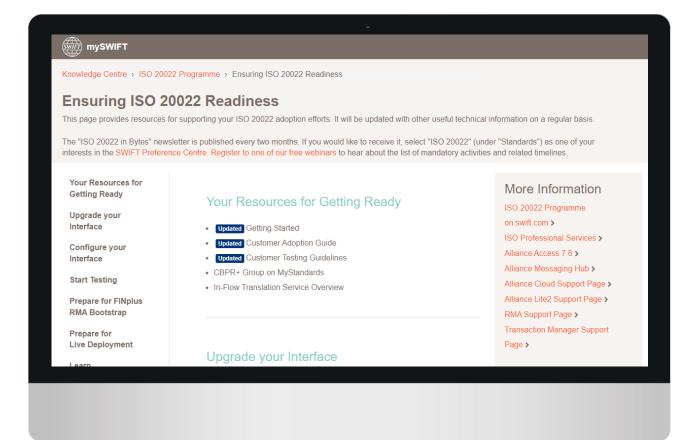
Configure your interface and set-up your test connectivity

Test (self-testing, testing with SWIFT or bilaterally agreed with your counterparties)

Upgrade your Live interface

Validate and import the FINplus Bootstrap file into your RMA Interface

Configure your interface and set-up your live connectivity





Key document! ISO 20022 and MT Customer Testing time to get started! Structure of the guidelines

Customer Testing Journey

Business and Functional Testing

Non-Functional Testing



Three testing phases:

Self-testing:

get ready for FINplus and receive multi-format MX

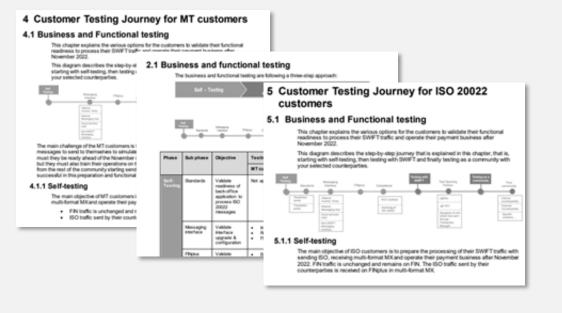
Testing with SWIFT:

use the Test Sparring Partner (TSP) to trigger ISO 20022 messages to you

Testing as a community.

select your counterparties and test with them, including Payment Market Infrastructures







Payable training tailored to individual needs in your workforce



Business community training

Enhance your knowledge of ISO 20022 CBPR+ Guidelines through the SWIFT community and Tailored Business Training & Certification Exam:



- Your Route to ISO 20022 and the CBPR+ Guidelines
- SWIFT Certified Expert ISO 20022 and CBPR+ phase 1 messages



Technical community training

Build on your knowledge to gain technical know-how on FINplus through the SWIFT Tailored/community Technical Training

Moving from FIN to FINplus

SWIFTSmart: Supporting ISO 20022 readiness and adoption for CBPR+

Multiple learning opportunities available as part of your institution's annual fee



Build your foundational knowledge of ISO 20022 for CBPR+ via the SWIFTSmart Academy



- Payments Industry
- CBPR+
- SWIFT Messaging
- FINplus
- <u>FINplus</u>, <u>CBPR+ and multi-format MX messages on Alliance Access/Entry</u>
- SWIFT Test Sparring Partner

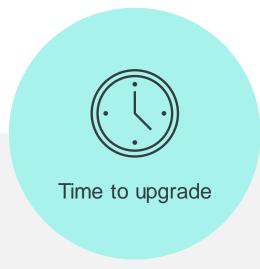


ISO 20022 Adoption Briefing Videos

Let the SWIFT experts guide you through the many standard and product-related changes that form part of ISO 20022 readiness and adoption



You need to act now



...and test!



Collaterals, articles,
Upcoming and
recorded webinars



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