Presentation will begin at 12:03GMT

If you cannot hear us via WebEx / computer audio
you may need to dial-in using a phone

Global Webinar for Complementors

Swift

February 2024

Complementors Team

Agenda

1. Admin notices
2. Zero Footprint Model – Ashutosh Chaturvedi
3. RMA Migration – Chris Martis
4. Payment Investigations – Laurent Lemaire & Garima Tripathi
5. CBPR+ self-attestation – Supriya Dahiwelkar
6. Q&A

Swift

Admin notices

- This presentation is being recorded
- The content will be published on swift.com (https://www.swift.com/standards/iso-20022/iso-20022-past-webinars)
- Global webinar for Complementors occur the last Thursday of every month and you can register 2 weeks before each event here: Global Webinar for Complementors
- To ensure you receive communications from us while we remain GDPR compliant please update your preferences here (you will need to login to / create your free Swift account) to include the interests 'Payments' and/or 'Standards' and we will ensure we keep you informed about:
  - Global webinar for Complementors Invitations
  - Relevant developments on ISO 20022 and Transaction Management
  - Updates from Swift's Market Practice team
  - The latest info on adoption enabling tools and support
- Support requests / queries should be raised via the Support page

Zero Footprint Model – API Connectivity Portfolio

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API Connectivity portfolio

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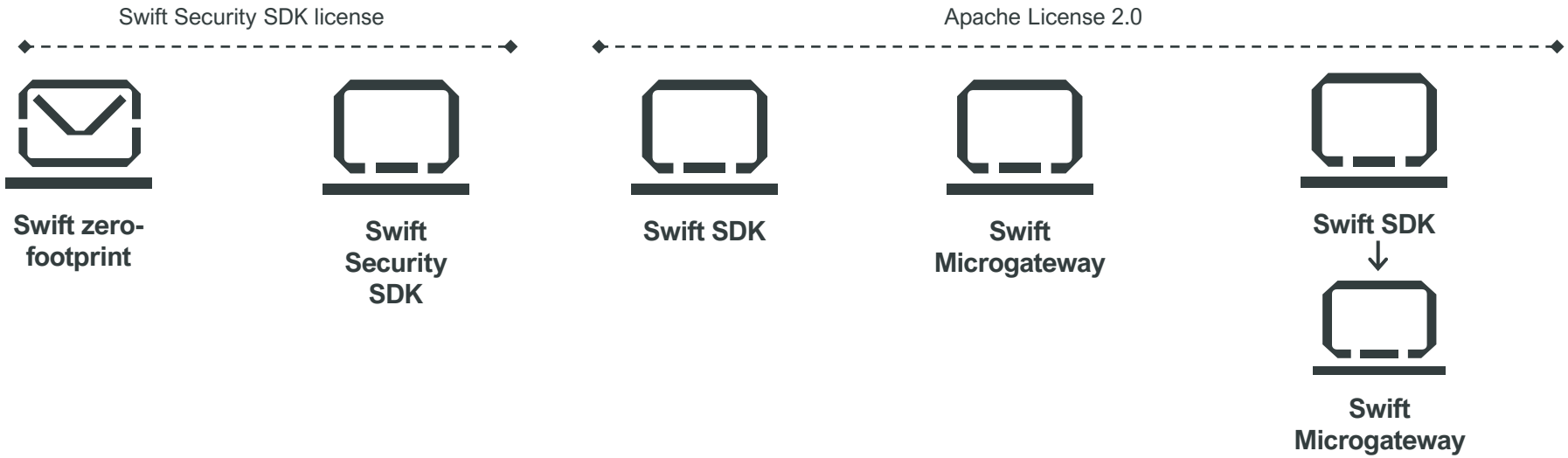
Connectivity options



Explains MV-SIPN security model based on a channel certificate. You can implement your own SDK or Microgateway based on it (any language)

Takes out the complexity of implementing MV-SIPN's APIs security model from your shoulders. You can implement your own SDK or Microgateway based on it (Java only)

Ready to use API Client supporting ISO 20022 you can embed in your Java application

Ready to use API Proxy taking out the Complexity of implementing MV - SIPN's APIs security model from your shoulders. Important: You will have to implement your API Client on top (any language) or you can rely on Swift SDK used in combination

Use of Swift SDK over Swift Microgateway

Zero Footprint - Overview

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- Build & Implement your API client in any programming language
- Guidelines offered by Swift for establishing MV-SIPN security model based on Channel Certificates

Supports Swift Content APIs
Customer owned and managed

No Language Dependency

Local Channel Certificate /
Swift Multi cloud KMS

CSP: Customer Connector (A4)

Updates: No Security patches

- Swagger Codegen
- OpenAPI Code Generator
- Build API Client from Scratch

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Zero Footprint – Customer Journey

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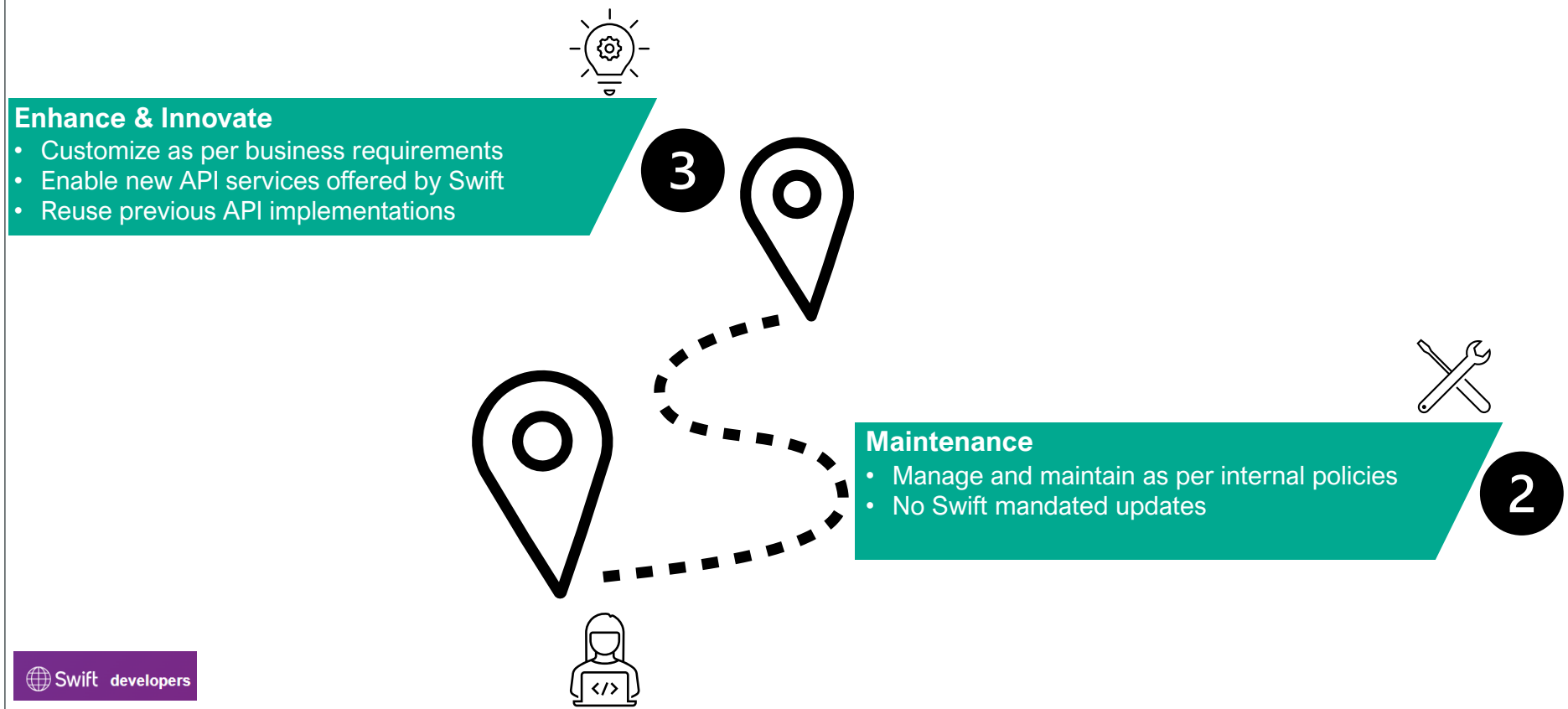

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Zero Footprint – Sample Codes

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- Sample code in different languages
  - Javascript, Python, Spring Boot, Quarkus and .NET
- Help developers get up and running faster with a particular language
- Sample code can be used as Quick Start templates for any other Swift API
- Swagger UI graphical interface used to visualize and interact with the API
- Code available at GitHub
  - Vulnerable dependencies fixed and patched automatically
  - Code always up to date with latest dependencies
  - Regression testing performed on every change

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RMA Migration

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RMA Portal Timeline

Central portal management availability
- 18 Feb : T&T
- 04 Mar : Live

FINplus 2023 Bootstrap: 7th Oct 2023

30 Mar 2024: End of support for local RMA management

Opt-in Bootstrap e-form
May – July 2024 (*tentative*)

FINplus 2024 Bootstrap
7 Sept 2024 (*tentative*)

2025 camt opt-in bootstrap (TBD)

- Distribution and reporting enhancements
- Search enhancements
- Bulk management
- Partial authorisation activation (correspondent)
- Distribution Enhancements
- Authorisation (Reciprocate)
- Templates (Grant)

- Re-enable Bulk (restricted version)
- Receiver - authorisation delta view
- Authorisation statistics (Last used date)*
- Email notifications (To do)*
- Terminate relationship (authorisation)*

* *tentative*

- Bulk Replace
- Reports Distribution
- Report Templates
- Terminated BICs (obsolete relationships)
- Distribution and Communication Enhancements
- FINplus 2024 Business Profiles updates
- Granular RBAC
- Admin 4-eyes

- API for Check RMA
- Other Portal Enhancements

Messaging Services in scope of RMA Portal

In scope FIN and FINplus	
Service name	**Environment**
swift.fin	**Live**
swift.fin!p	Pilot
swift.finplus	**Live**
swift.finplus!pc	Pilot
swift.finplus!pf	Pilot

In scope MI services	
Service name	**Environment**
nt.iso.snf	**Live**
nt.iso.snf!p	Pilot
sadc.iso.snf	**Live**
sadc.iso.snf!p1	Pilot
sadc.iso.snf!p2	Pilot
sadc.iso.snf!p3	Pilot
sadc.iso.snf!p4	Pilot
sadc.iso.snf!p5	Pilot
sadc.iso.snf!p6	Pilot

Messaging Services not in scope of RMA Portal

Out of scope	
Service name	**Environment**
swift.corp.fa	Live
swift.corp.fa!p	Pilot
swift.corp.fast	Live
swift.corp.fast!p	Pilot
swift.generic.fa	Live
swift.generic.fa!p	Pilot
swift.generic.fast	Live
swift.generic.fast!p	Pilot

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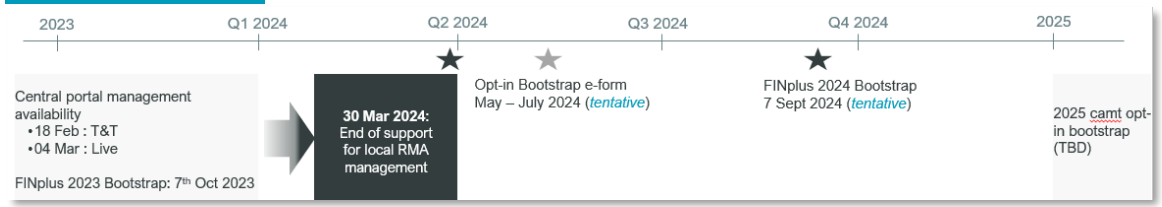
RMA Portal – One Pager

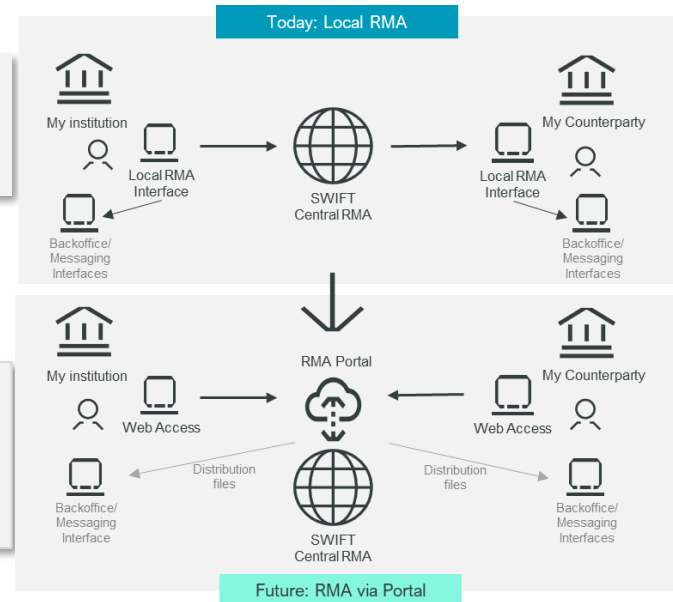
Timeline



Evolution

Drivers for change – current limitations
- Distributed nature leads to de-synchronisations
- Technical authorisations limit business interop (e.g. ISO)
- Limited ability to enable new interactions (e.g. api)

RMA Portal – the way forward
- Single central source of truth
- Transparency across counterparties
- Business profiles provide service agnostic authorisations
- Common solution across participants
- Realtime synchronization with local filters



Key Actions and Dates

1. Customers must migrate to the RMA Portal by 30 Mar 2024
2. No network support to exchange RMA using local Interfaces after 30 Mar 2024
   - No new RMAs can be created, accepted
   - Existing RMAs cannot be changed, rejected, revoked

Main steps

Reference: Customer Journey to RMA Portal migration

1. Set-up Access to RMA Portal (Pilot and Live)
   - Set-up Portal access
   - Set-up Roles
   - Setup RMA Delegation
2. Migrate to RMA management on RMA Portal (Pilot)
   - Activate Pilot BICs on RMA Portal
   - Exchange RMA on RMA Pilot
   - Define and test distribution files/local filtering
3. Prepare for Migration to RMA Portal (Live)
   - Verify Central RMA authorisations
   - Define local filtering strategy/distribution files
4. Migrate to RMA management on RMA Portal (Live)
   - Setup distribution files
   - Activate Live BICs (one at a time or as needed)
   - Complete all Live BIC activation
5. Use RMA Portal for all RMA management for all BICs
   - Discontinue use of Local RMA interface

Resources

Documentation

- RMA Getting Started Guide
- Customer Journey to RMA Portal migration
- RMA Evolution Update
- RMA Portal known issues and fixes
- RMA Business Profile Handbook

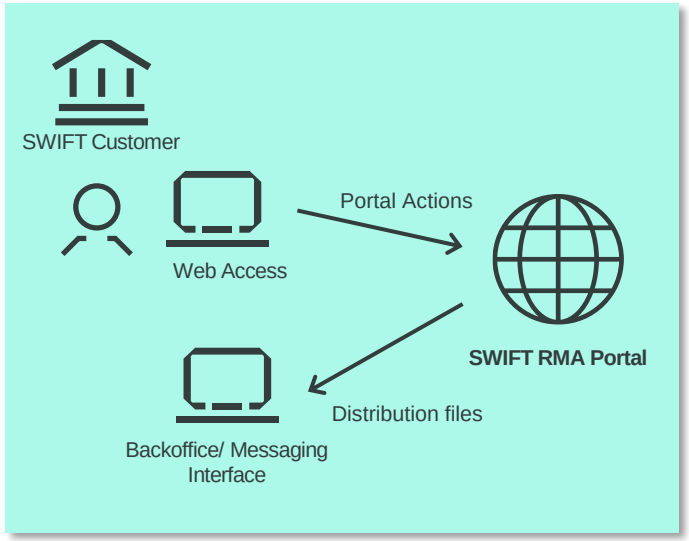
Training

- Relationship Management Portal – Professional (SWIFT Smart Training - multiple courses.)
- RMA Evolution (Introduction)
- For Instructor led paid trainings contact your account or service manager.

Resources

- RMA Application Support Page
- RMA Evolution Frequently Asked Questions
- RMA Portal Migration and Roadmap (presentation)
- RMA Portal Subscription and BIC delegation

RMA Portal – some considerations



RMA Portal

What services are supported (in live RMA Portal, and on ITB)?
- *Listed in the previous slide and documented in the RMA GS.*
- *RMA Portal will not be supported in ITB.*

Can I access RMA Portal from from ITB? *- No*
Can I receive RMA distribution files on ITB? *– No*
If not on ITB how can I test in pilot?
- *The option of using ETPX BICs and have a connected BIC in Pilot to use the Portal*
- *This ETPX BIC is available to Service Providers and Partners*

I am a messaging interface provider

How do I get the RMA authorisation for filtering traffic? Do I have to automate the update?
- *The automated distribution file from RMA Portal can be used to update local RMA filters.*
- *The local Interface can provide automation for RMA distribution file imports.*

Do I have to filter traffic?
- *This is an optional capability that customers can use based on their use case/volume.*
- *Customers can selective enable send or receive filtering.*
- *Customers could enable send filtering to avoid network NAKs for large volumes of dynamic relationships*

Is there a change in the ASP file? Or in the RMA distribution file downloaded from the RMA Portal?
- *There is no RMA related changes to ASP specs nor to the RMA distribution file specs.*

I am an RMA interface provider

Is my application obsolete?
- *Customer requiring local or non-network RMA support can continue to use your interface.*

What are the remaining services still using swift.rma service I have to support?
- *No other network services will use swift.rma*

Customers

How will the migration happen for my customers?
- *Customers can migrate at their pace by going to the portal and selecting “BIC activation”*

Payment Investigations – The Future of E&I handling

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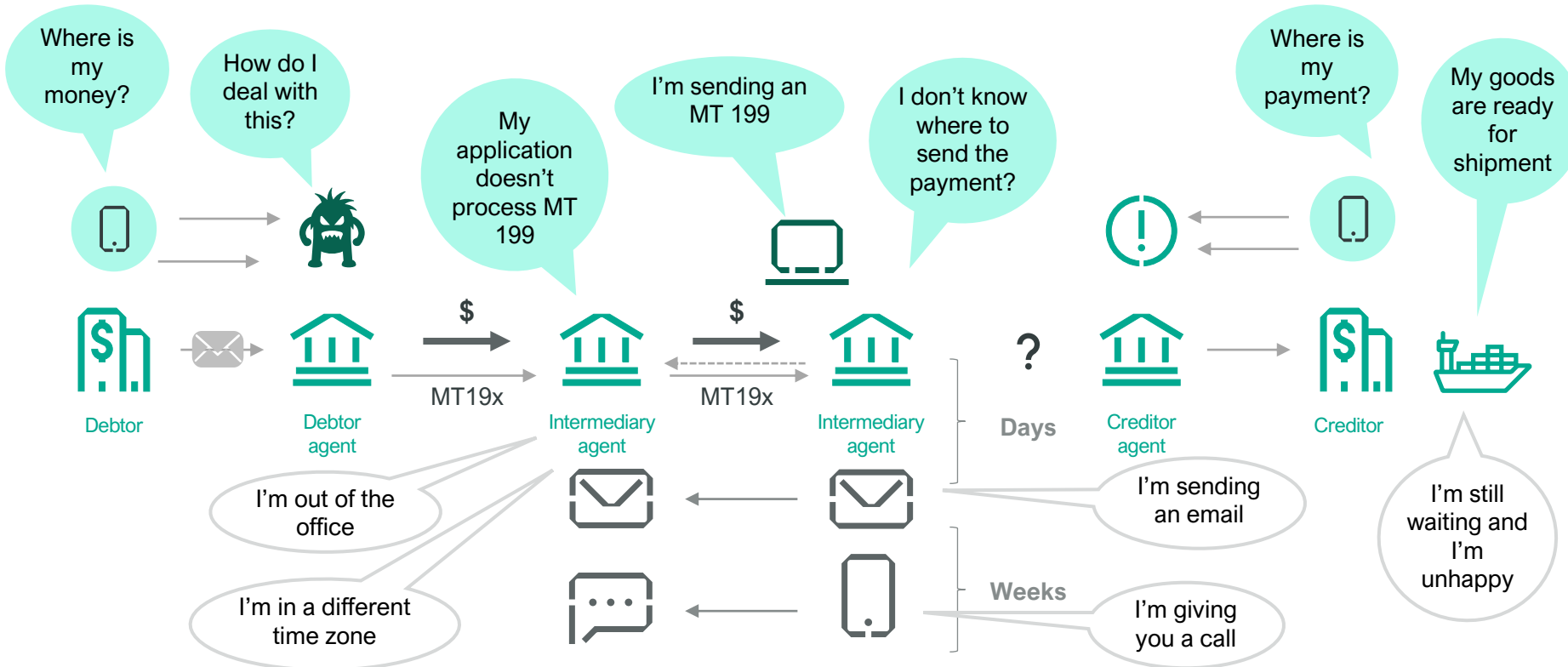
Exceptions and investigations today: unstructured processes



- X Lack of standards
- X Serial processes
- X Poor user experience
- X Multiple channels
- X High operational costs
- X Concurrent/unclear requests

Introducing ISO on E&I – key design concepts of the ISO camt.110/111 messages

A pair of messages supporting all investigations

- ✓ Clear split between request (camt.110) or response (camt.111)
- ✓ Supporting complex dialogues (continuation of investigation)
- ✓ Introducing the End-to-end Investigation Reference (UUIDv4)

Investigation type to differentiate usages and support workflows

- ✓ Unambiguous identification of nature of the request
- ✓ Streamlining internal routing of responses received
- ✓ Allowing for limitative data usage for each investigation type

Structured requests with flexibility for complex queries

- ✓ Unambiguous reference of underlying transaction (UETR)
- ✓ Usage of external code sets wherever possible
- ✓ Supporting free text only for specific requests

Investigation Types

- ✓ Request For Information
- ✓ Creditor Claim Non-Receipt (incl. Cover)
- ✓ Unable To Apply
- ✓ Investigation On Charges Due
- ✓ Requesting Debit Authority
- ✓ Request Value Date Adjustment
- ✓ Request Use Of Funds
- ✓ Other

Beyond ISO: introducing the Case Manager and Orchestration on E&I

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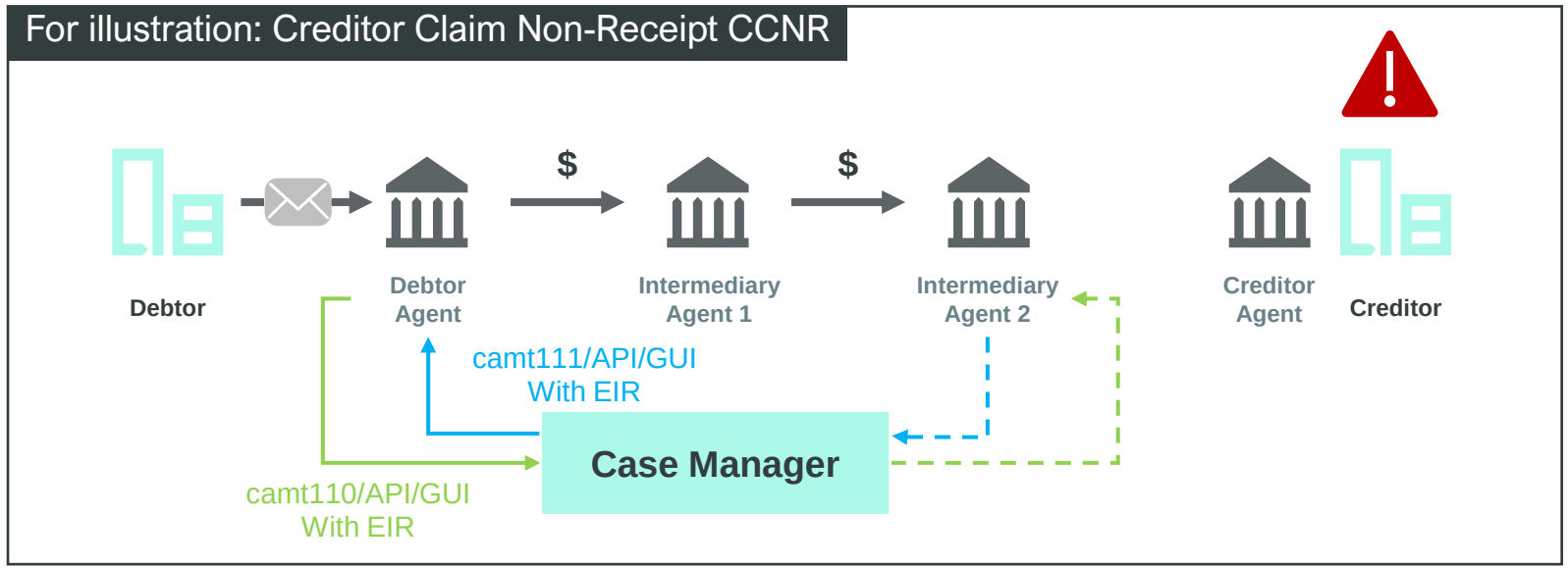

Orchestration implies multiple concepts

- Transparency
- Pre-check logic
- Smart routing
- Data pre-population
- Advanced usage analytics
- Bypass / Abort
- Automated status reminder
- Delivery acknowledgement

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Timeline

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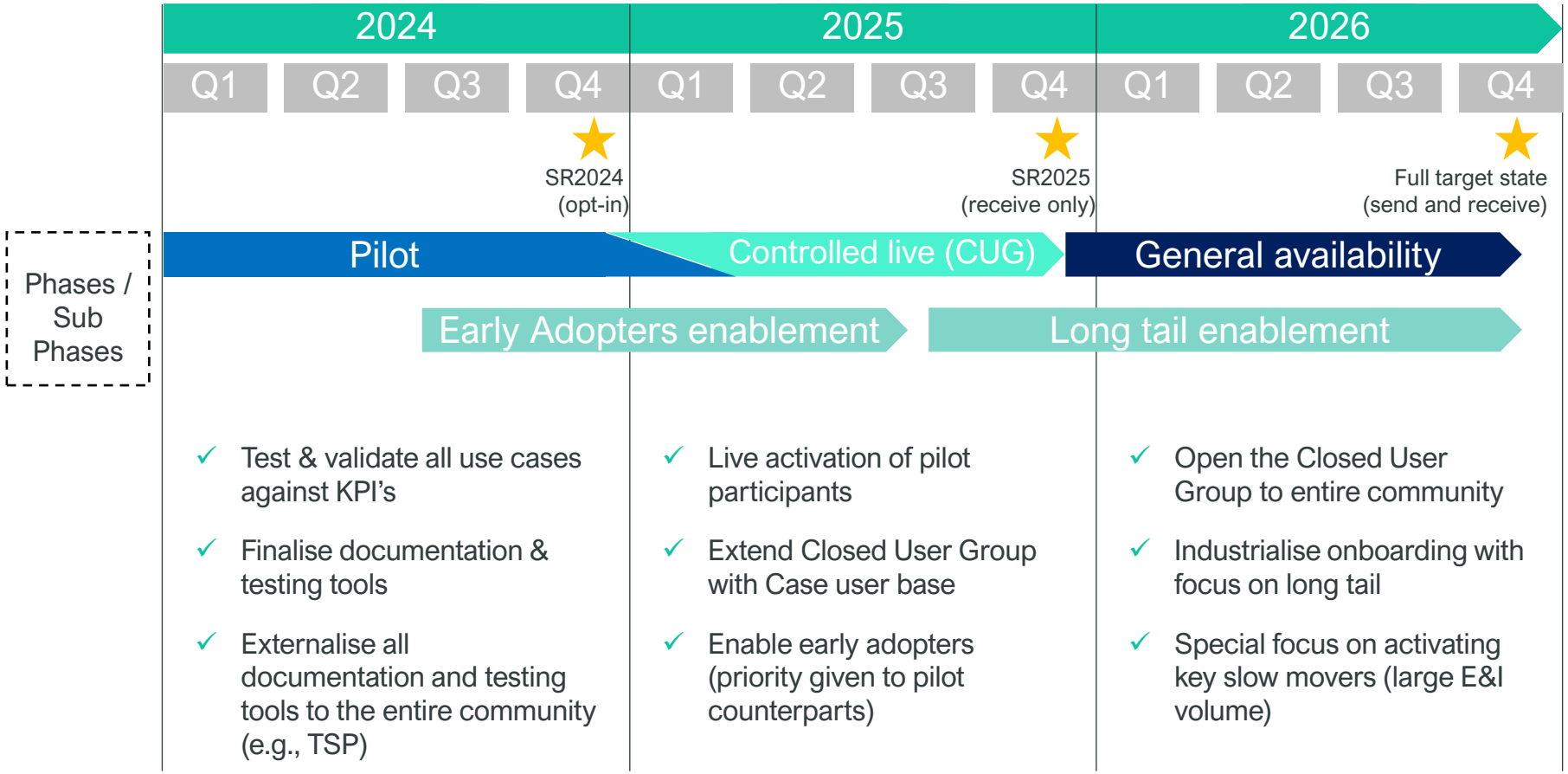

CBPR+ self-attestation

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ISO 20022 Adoption for CBPR+ - Self-attestation renewal
Call to action - **Must do for all**

February 2024

RENEW YOUR SELF ATTESTATION

- ❑ Reminder: **renew your self-attestation by 31st March 2024**
  - ✓ Please use updated self-attestation form
  - ✓ Test using Vendor Readiness Portal (CBPR+ SR2023 Combined)
- ❑ **Out of 49 partners, 25** have renewed self attestations so far. Reminder emails have been sent.
- ❑ If **not refreshed by the end of Q1 2024,** you will be taken off the list on webpage - Is your partner CBPR+ ready? | Swift
- ❑ **If up to date "Payments" label** under Swift compatible applications, then no need to refresh self-attestation for CBPR+
- ❑ **Self-attestation criteria** to be enforced - To be able to listed as CBPR+ ready, a minimum set of CBPR+ ISO messages MUST be supported

Swift

Questions

Swift

If you have any questions, please contact your Account Manager
or raise a case via the **Support** page