

About us



World Leader

World leader in end-to-end testing for ISO 20022, SWIFT MT and Open Banking APIs



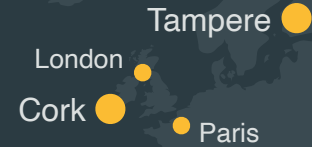
SaaS solution provider

Included banks, e-invoicing providers, clearing houses, and financial software vendors



Established 2009

Headquartered in Tampere, Finland
Office in Cork, Ireland



Starting in **10** Minutes

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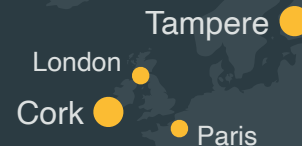
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Starting in 5 Minutes

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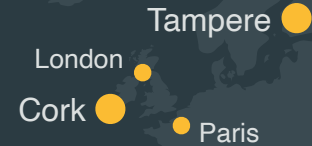
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Starting in 3 Minutes



ISO 20022 in 2020 (in 30 minutes)



#xmldataionwebinar

Content

- Concurrent momentum around ISO 20022
 - -> global migration undergoing
 - -> push both from regulators, corporates, market infrastructure providers and SWIFT
 - -> not a topic that can be ignored by FIs
- Topic that raises many questions and has large impact
 - -> About 100 questions were submitted prior to the webinar
 - -> Anyone that tells you there is one generic solution that applies for everyone is lying
 - -> We grouped questions in 3 topics that will be covered today
 - 1/ ISO 20022 benefits
 - 2/ Coexistence of standards and how to handle it
 - 3/ Impact of ISO 20022 on Open Banking and API
- If your specific questions are not fully answered during this webinar session
 - -> Our experts and analysts remain available for one to one conversation

Topic 1 : 5 min

Benefits of ISO 20022

Topic 2 : 5 min

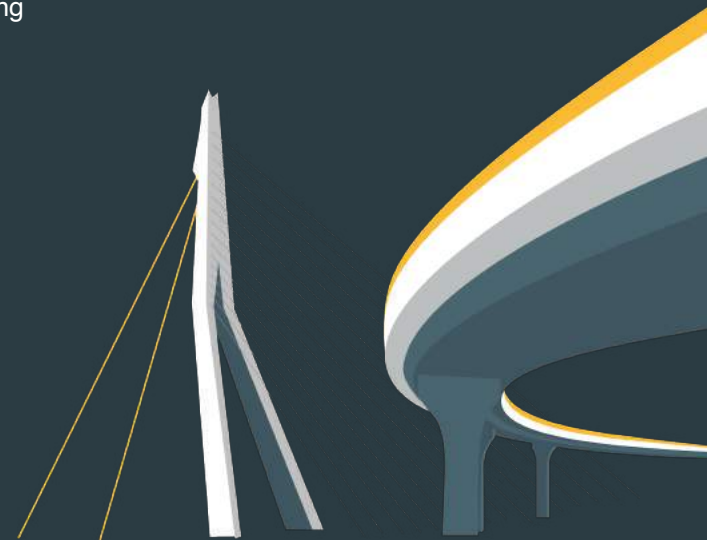
Coexistence of standards

Topic 3 : 5 min

ISO 20022 impact on open banking and APIs ?

Poll :

Suggestions of topics to be covered in next webinar ?



Hosts



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Working with more than 25 FIs

SaaS product used in over 50 countries



SAMLINK



Nordea



TOPIC 1 - 5 minutes

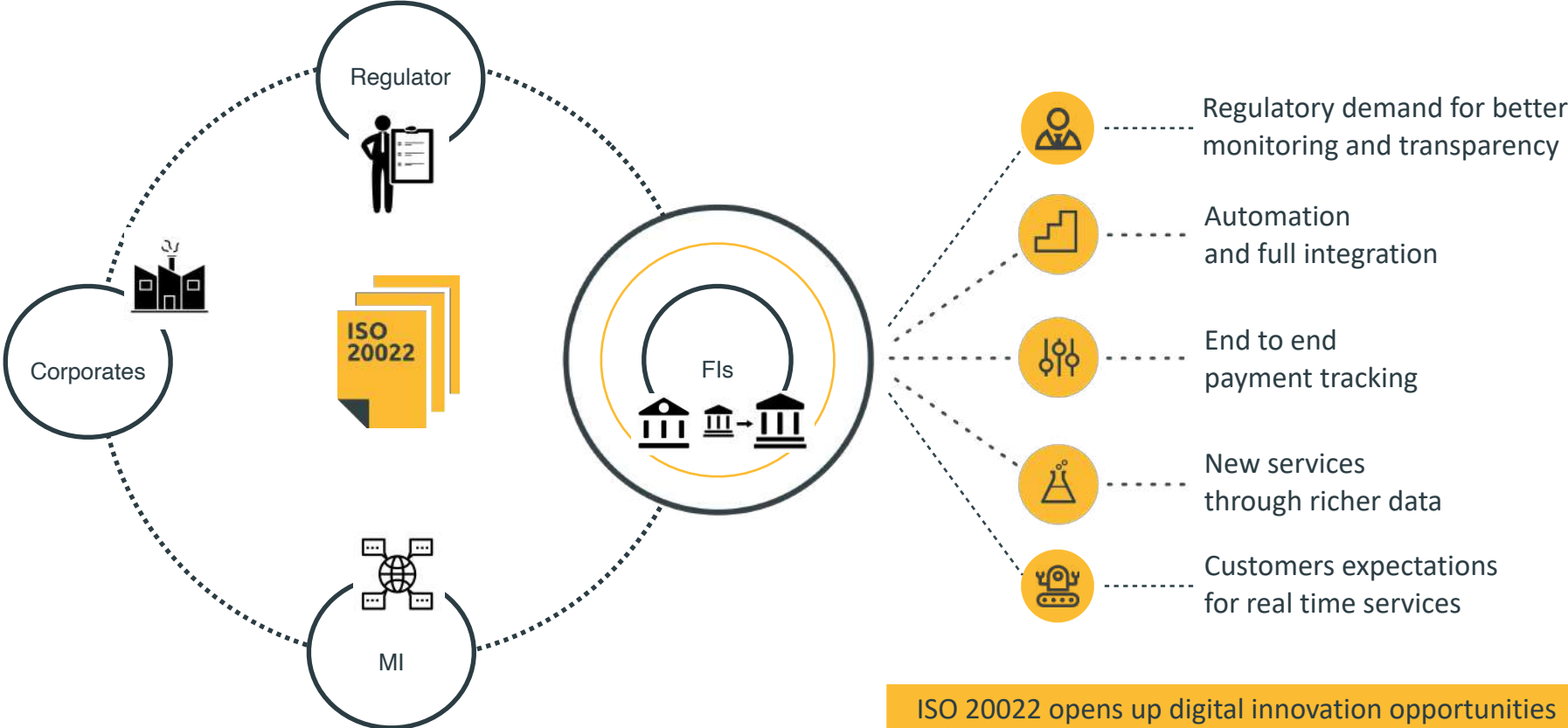
ISO 20022 Benefits

- Topic has been around for 10 years
- Many banks have implemented support for ISO 20022 in some parts of their operations
- But adoption is still piecemeal and many banks have not had the business case to justify investment.

But today there are stronger drivers that make everyone move in the same direction.



Stronger drivers towards ISO 20022



Reference: [XMLdata Payment System Modernization Infographic](#)

ISO 20022 opens up digital innovation opportunities

Concrete Business Benefit



ISO 2022 supports Real Time Payments

FIs can deliver real time payment services to their clients

Retail as well as corporate clients both locally and internationally

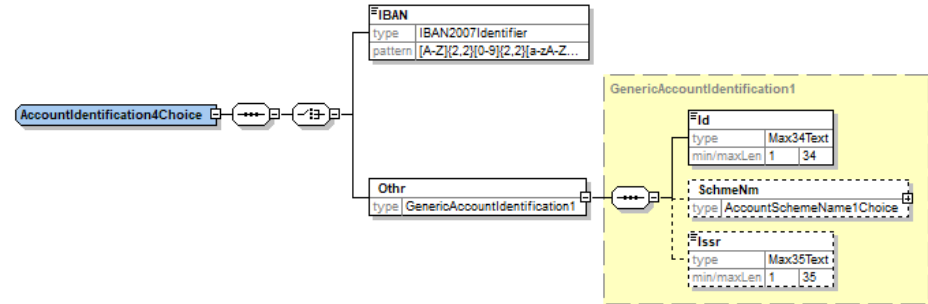
Concrete technical benefit of ISO

Account number in a domestic format

04	25-27	3	Numeric	Transaction Type
05	28-37	10	Numeric	Amount
06	38-43	6	Numeric	Date Funds to be Available
07	44-52	9	Numeric	Institutional Identification No.
08	53-64	12	Alphanumeric	Payee Account No.

Field 8, fixed length of 12 characters

Account number in ISO 20022



- Support for both IBAN and other format
- Othr/Id supports up to 34 characters

Take away information



SWIFT migration is not the only driver of ISO 2022 adoption



Even if migration is delayed (by SWIFT) the move to ISO 2022 will continue

TOPIC 2 - 5 minutes

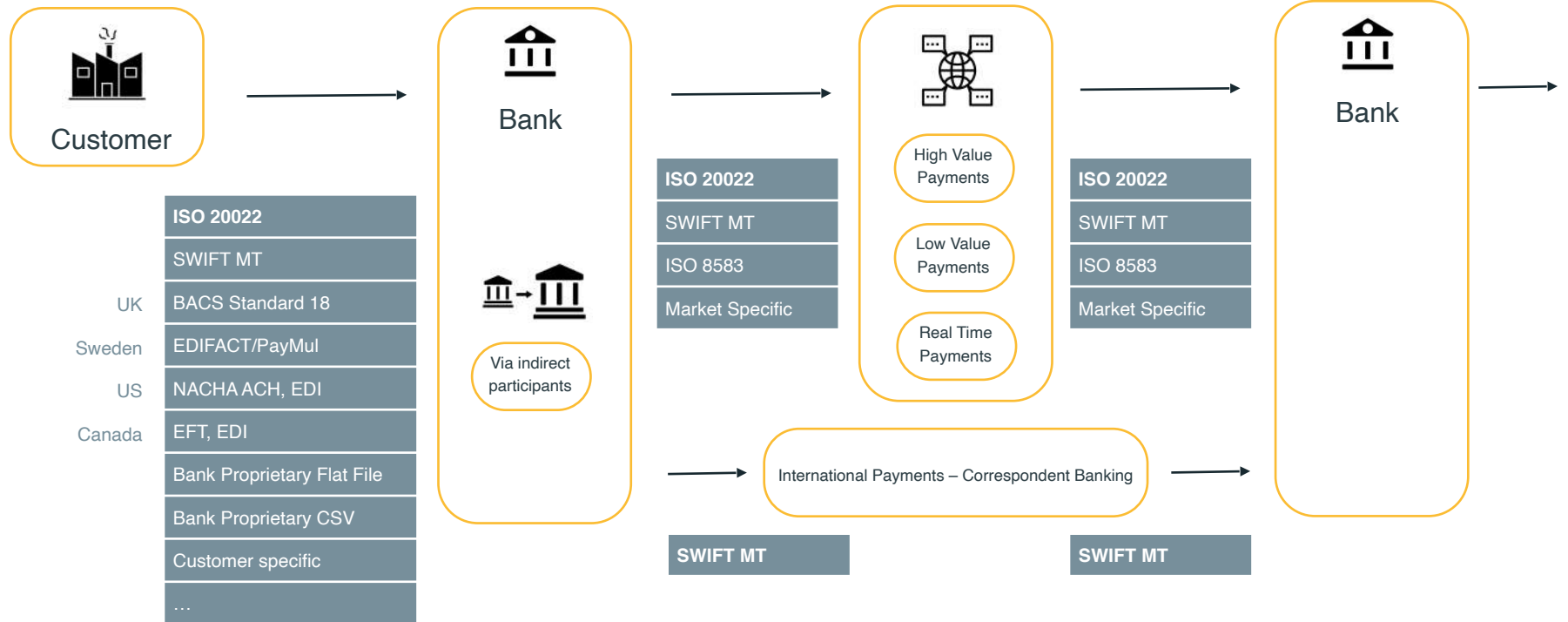


Coexistence of standards

- Many contexts where standards have to coexist
- Not only applies to MT MX migration and transition phase
- A perennial problem that won't go away
- You will need mappings
- Be thoughtful about them

Multiplicity of standards across end to end payment process

Timing for migrations will vary across the ecosystem



Summary of scenarios where you will have coexistence of standards and need mappings

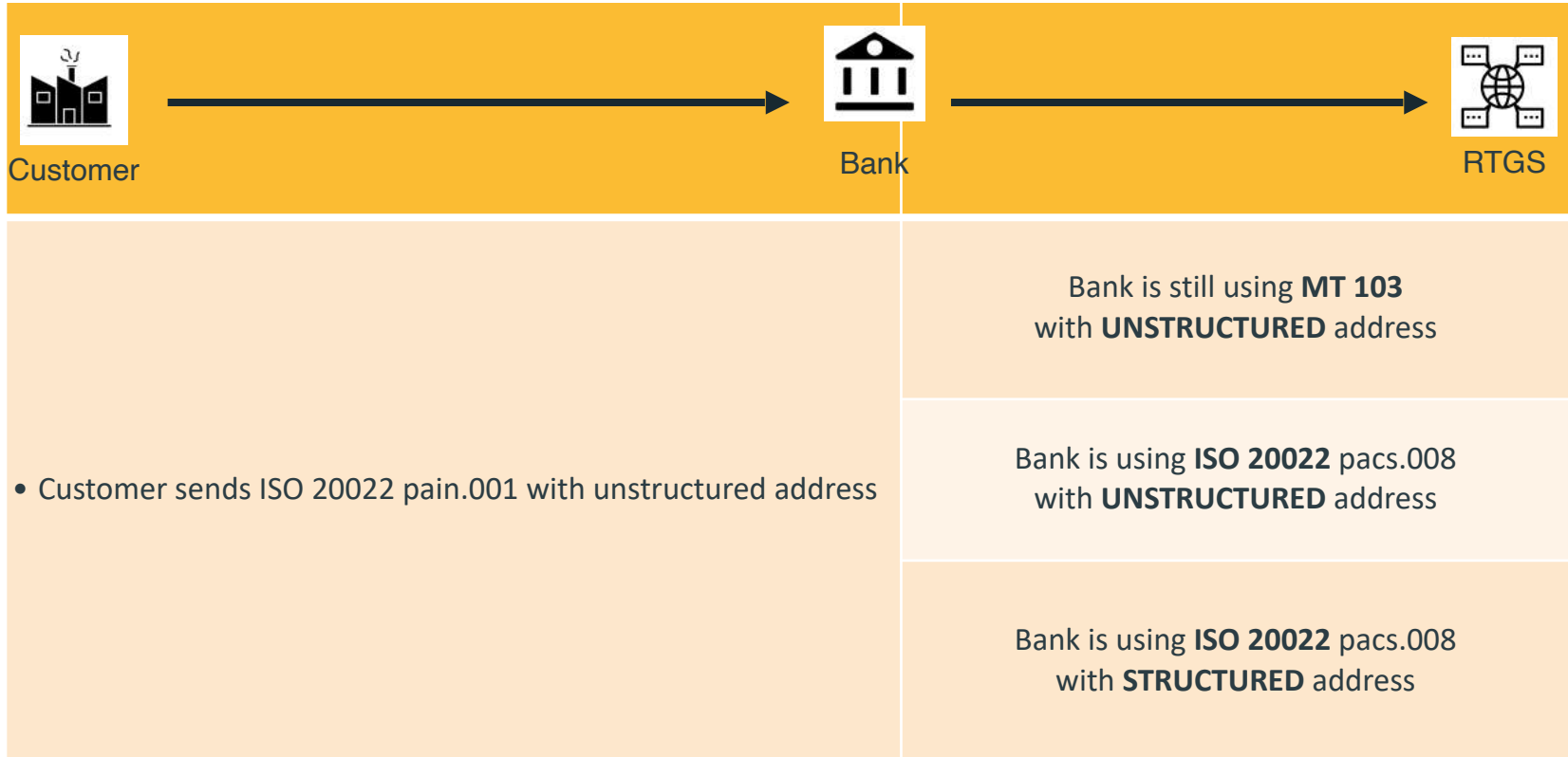
- Case 1 : Legacy FI system cannot be fully updated in time for MI deadlines
- Case 2 : Corporates migrate *before* the MI
- Case 3 : Indirect participants migrate later than direct participants
- Case 4 : MI migrates to new version of ISO before FI is ready

Recommendation:

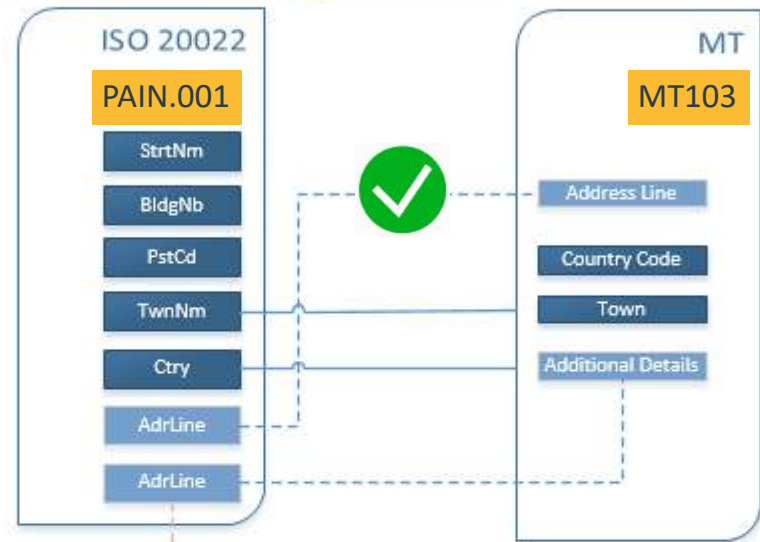
- > Be thoughtful about the mappings you build.
- > Plan ahead so you are prepared for later migrations

Concrete business problem as a result of co-existence

Ex : Wires case if customer facing specs are not clear about Structured addresses

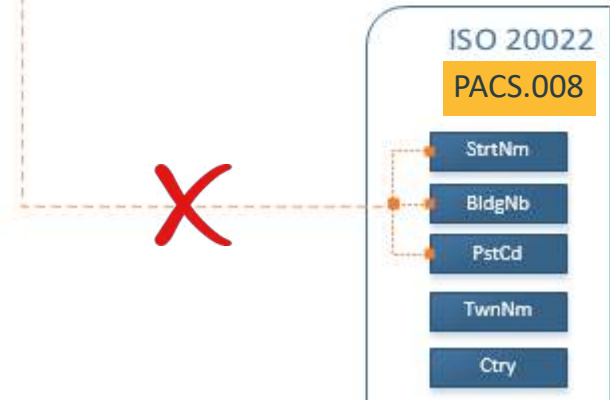


Mapping challenges



- Postal Address example

- WARNING :
if the FI does not take this into consideration when preparing pain.001 specs, they will have to update the specs later and ask clients to change the way they prepare their payment files to match the new specs.



Target Structured Data Format

Take away information



Standards and different interpretations will coexist



The only way forward is planning and anticipation

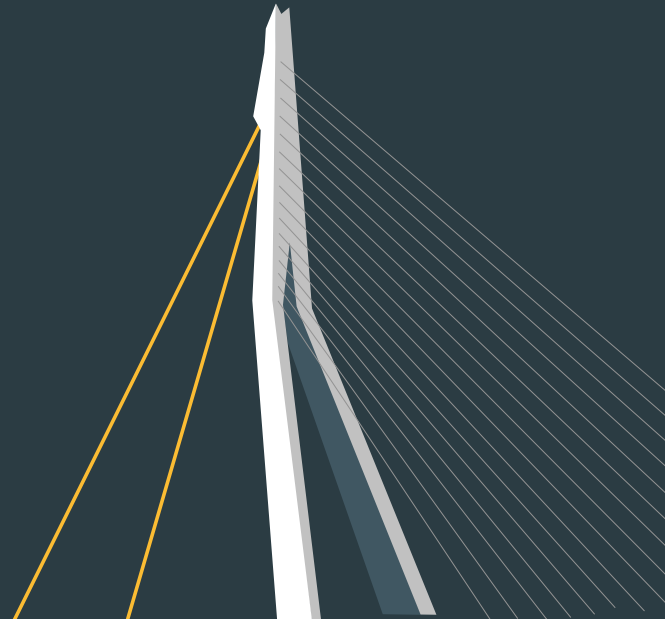
Dive into the details of the standard to understand how each element can be used and mapped.

Has anyone in the audience had to face another coexistence scenario ?

Please write in the comment section →

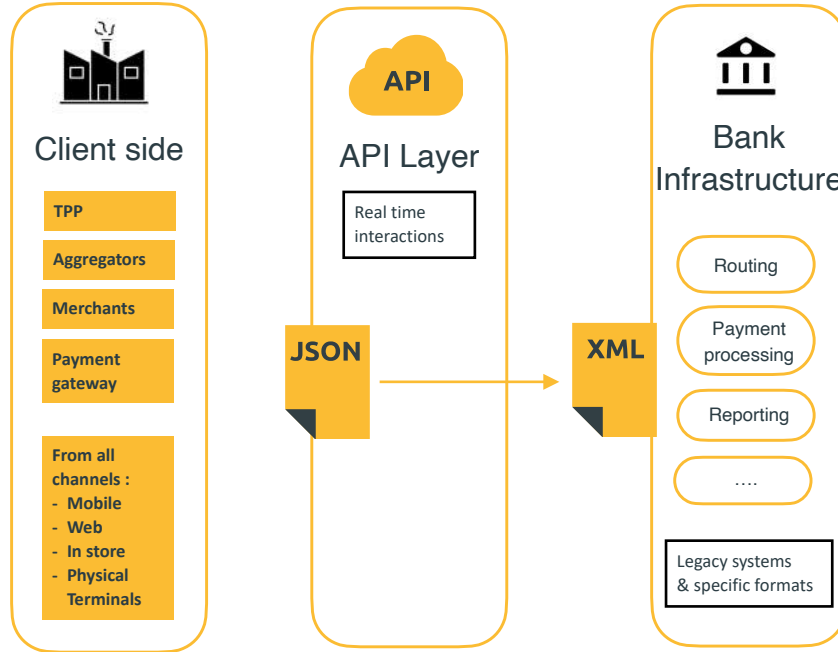
TOPIC 3 - 5 minutes

Relationship between ISO and Open Banking (APIs) ?

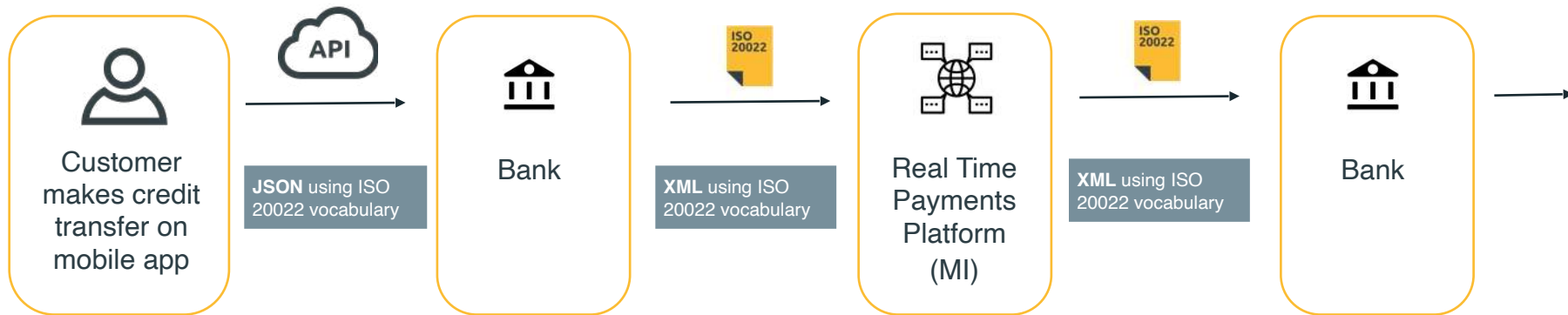


Interoperability between layers (XML <-> JSON)

”
ISO 2022 is a way to describe things
It's a vocabulary and not a format



Concrete example requiring interoperability



Some efforts to standardize APIs that are aligned with ISO 20022:

Concrete example ISO vocabulary

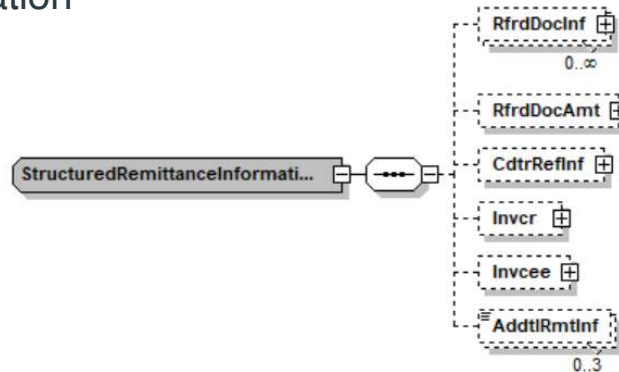
- Return Codes

ExternalReturnReason1Code						
Identification			Status			
Code	Name	Definition	Origin/Requester	Status	Status Date	
59	RR02	Missing Debtor Name or Address	Specification of the debtor's name and/or address needed for regulatory requirements is insufficient or missing.	Maintenance SR2009	New	April 2009
60	RR03	Missing Creditor Name or Address	Specification of the creditor's name and/or address needed for regulatory requirements is insufficient or missing.	Maintenance SR2009	New	April 2009
61	RR04	Regulatory Reason	Regulatory Reason	Maintenance SR2009	New	April 2009
62	RUTA	ReturnUponUnableToApply	Return following investigation request and no remediation possible	CR0641/SWIFT SABS	New	September 2016
63	SL01	Specific Service offered by Debtor Agent	Due to specific service offered by the Debtor Agent	Maintenance SR2009	New	April 2009
64	SL02	Specific Service offered by Creditor Agent	Due to specific service offered by the Creditor Agent	Maintenance SR2009	New	April 2009

Return Reason code from ISO 2022's external code list

```
{
  "returnReason" : "RR02"
}
```

- Remittance information



Take away information

- ⚠ ISO is not a format but a business vocabulary and a model (meaning a way to describe things)
- ⚠ ISO should be understood in all parts of the ecosystem in order to deliver its full benefits end to end

Recommendation:

—> Bank teams working on APIs, especially analysts, should become familiar with ISO 20022

Topics for another session ?

- List of suggested topics :
 - 1 = ISO 8583 vs. ISO 20022
 - 2 = ISO 20022 and rich data
 - 3 = Impact on and benefits for bank operations
 - 4 = Learnings from Europe
 - 5 = Challenges of MT / MX migration
 - 6 = Deeper look at the specific Remittance Information

Please vote for the topics you would like to discuss in the plot section here —>


If you have any specific question and would like to be called back, please raise your hand —>



Thank you !

If we haven't fully answered your specific questions,

Please feel free to contact us to schedule a one to one 30 minutes discussion

 Tricia Balfe, Head of Product

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