

# NBB-SSS ISO 20022

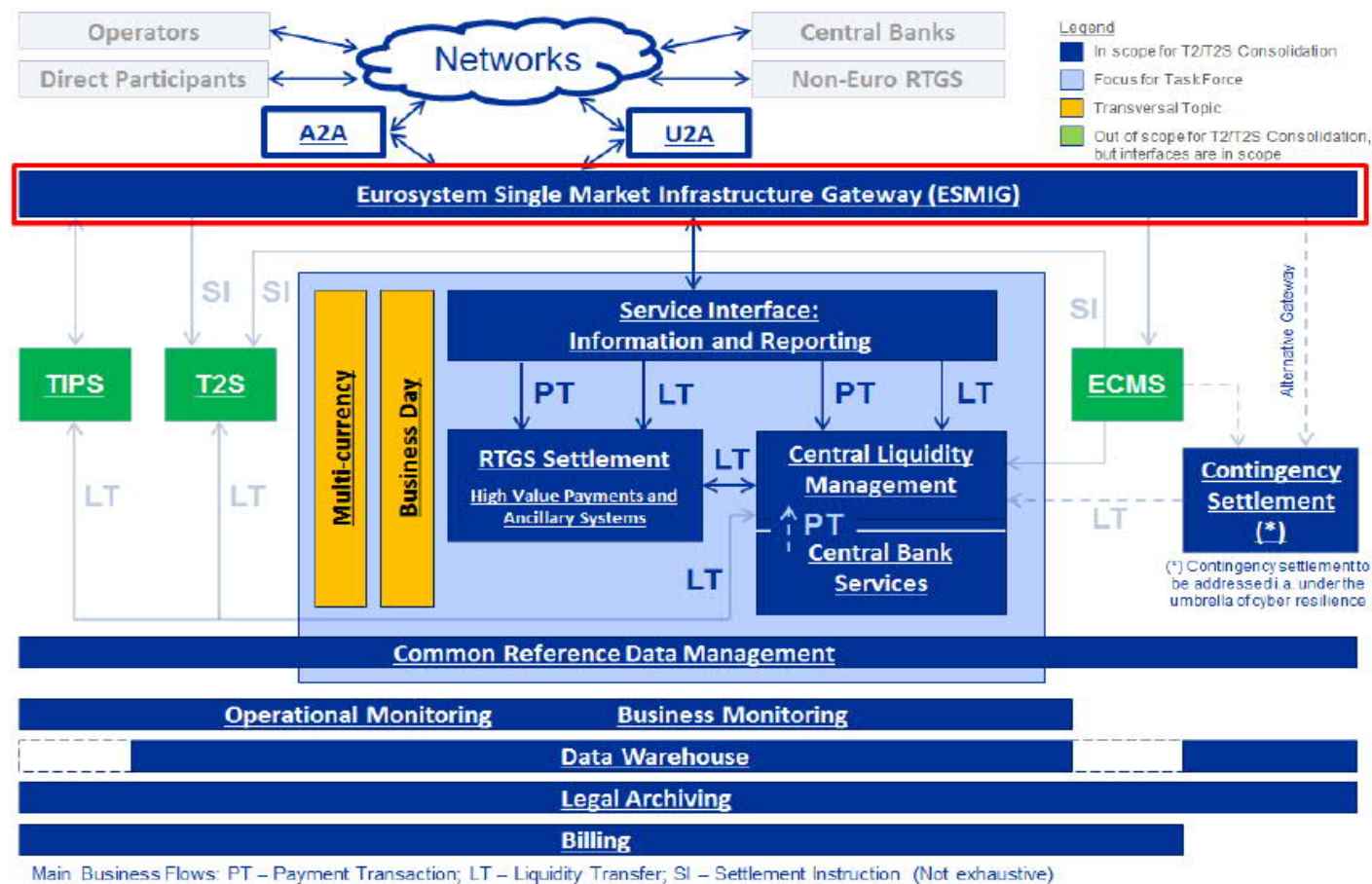
David De Vleeschouwer | NBB-SSS 20th Info Session

12 November 2019

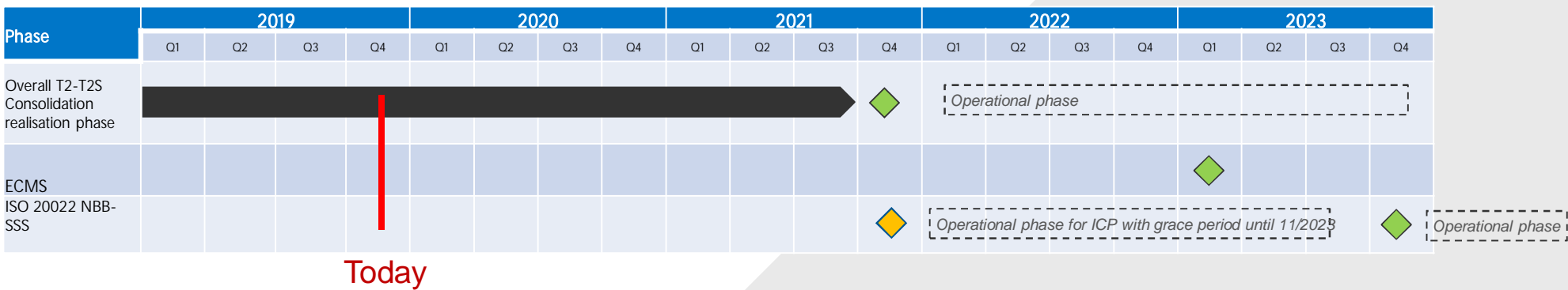
# Agenda

- ◆ The Eurosystem's new offer in TARGET Services
- ◆ Planning
- ◆ User Readiness
- ◆ Translation costs
- ◆ Becoming an ISO 20022 NBB-SSS Participant
- ◆ Practical organisation
- ◆ Migration tools
- ◆ Contacts and Documentation

# High Level Overview



# Planning – Go-live November 2021



- ◆ Gradual shift from MT to MX in all ECB applications T2S (2015), TARGET2 (big bang 11/2021) and ECMS (11/2022)
- ◆ NBB-SSS exchanges both MT and MX since 2015. Participants migrate at own pace towards 11/2021 (+ grace period)
- ◆ Grace periode until next ISO version update T2/T2S in 11/2023

# What do our Participants think (1/2)

## ◆ways to connect to T2S

### ◇Directly Connected Participant (DCP - #8)

- DCP uses ISO 20022 in A2A to T2S
- T2S GUI over SWIFT to connect to T2S in U2A
- RAMSES receives a copy of all DCP traffic

### ◇Indirectly Connected Participant (ICP - #62)

- ICP uses ISO 15022 in A2A to RAMSES
- RAMSES GUI over VPN to connect to RAMSES in U2A
- Currently, all ICPs use ISO 15022 (MT) although no technical obstacle for using ISO 20022 format (MX)

## What do our Participants think? (2/2)

◆ NBB-SSS User Committee supports the principle of migration to ISO 20022

### ◆ Timings

◇ DCPs are comfortable

◇ ICPs are less comfortable

- Rationale for timing (T2/T2S-consolidation) is not supported by all as Payments and Securities are often two different back-offices with their own sponsors
- Challenge the sense of urgency put forward by NBB-SSS
- Challenge the translation cost before migration deadline
- Grace period

◇ NBB-SSS reply:

- Grace period set at 2 years
- Since start of RAMSES in 2015 the NBB-SSS has not charged translation costs despite development costs
- Incentive to migrate

# NBB-SSS translation costs

## ◆ Migration ISO 20022

### ◇ Timing:

- T2S Release 3.0: 7 June 2019, adaptation T2S messages to ISO 20022 "2017 standard"

NBB-SSS must check translation ISO 15022

- T2S/T2 consolidation 11/2021

TARGET2 full ISO 20022 as already in T2S

ECMS production 11/2022

### ◇ Translation costs until individual migration

- Info session Q4/2018: kick-off for migration

01/11/2020: translation service 5 ct

01/11/2021: translation service 10 ct

# Mandatory migration

Migration Tools: Three options

- ◆ See Info session 9 April 2019
- ◆ Summary:
  - ◇ RAMSES GUI
  - ◇ MyStandards NBB-SSS community
    - TO DO: mandatory subscription by 1 February 2020
  - ◇ (SWIFT User guide RAMSES)
    - Replaced by MyStandards
    - No daily changes, still useful but not updated anymore since 2017



## Becoming an ISO 20022 NBB-SSS Participant

- ◆ Step 1: Subscribe to MyStandards in NBB-SSS group by 1 February 2020 to view all ISO 15022 and ISO 20022 messages for RAMSES
- ◆ Step 2: Develop the ISO 20022 messages
- ◆ Step 3: Subscribe to the NBB-SSS CUG Test
- ◆ Step 4: Test successfully the mandatory test cases with the NBB-SSS Test Team
- ◆ Step 5: Receive “ISO 20022 Certification for RAMSES” from NBB-SSS
- ◆ Step 6: Subscribe to the NBB-SSS CUG Production
- ◆ Step 7: Start messaging in ISO 20022 in Production

## Practical organisation: first TO DO's

- ◆ Mandatory subscription in NBB-SSS MyStandards group by 01 February 2020
- ◆ Subscription to the CUG Test
- ◆ User readiness form

## How to subscribe to MyStandards? (1/2)

The screenshot displays the mySWIFT user portal. At the top, the header includes the mySWIFT logo, the text "Your operational portal", a notification bell icon, and the user's name "David De Vleeschouwer" with a dropdown arrow. A large dropdown menu is open, showing several categories: "Support" (Knowledge Centre (User Handbook), SWIFTSmart (eLearning), myProfile, Notification Centre, Shared Documents), "Security" (SWIFT ISAC, KYC Registry Security Attestation), "Products" (MyStandards, which is highlighted in yellow), and "Preferences" (Communication preferences, Newsletters). To the right of the dropdown, there are links: "swift.com home page", "mySWIFT", "My profile and account", and "Request additional access". Below the dropdown, a white box displays the user's member number: "105225", "300911149", and "NBEBEBBB". At the bottom, a banner reads "Check out the Knowledge Centre, the customisable portal for the User Handbook." with a "More..." button.

mySWIFT Your operational portal

Support

- Knowledge Centre (User Handbook)
- SWIFTSmart (eLearning)
- myProfile
- Notification Centre
- Shared Documents

Security

- SWIFT ISAC
- KYC Registry Security Attestation

Products

- MyStandards**

Preferences

- Communication preferences
- Newsletters

swift.com home page

mySWIFT

























My profile and account

Request additional access

member 105225  
300911149  
NBEBEBBB

Check out the Knowledge Centre, the customisable portal for the User Handbook. More...

## How to subscribe to MyStandards? (2/2)

<div> <div></div> <div>Standards Releases</div> <div>Business Domains</div> <div>Groups</div> </div>			
HSBC Securities Services 	Iberclear 	ID2S 	IKEA Service Centre NV 
IKEA SUPPLY AG 	ING 	ISO 20022 for High-Value Payments 	JASDEC - CA 
JASDEC - PSMS 	JPMorgan 	KDPW Group 	LCH 
LIETUVOS BANKAS 	Lloyds Banking Group 	Monte Titoli 	MyStandards Demo 
NAB - National Australia Bank 	NASDAQ OMX 	National Bank of Ukraine Payments Group 	NatWest 
NBB-SSS 	Northern Trust 	NPP AU 	NSD 

## MyStandards NBB-SSS community

- ◆ Mandatory subscription by 1 February 2020
- ◆ Main tool for the migration
- ◆ All NBB-SSS ISO 20022 messages
- ◆ Updated on a regular base
- ◆ Overview of all versions

# How to subscribe to the CUG (Closed User Group)? (1/4)

**My tools** [Request additional accesses](#)

**Support**


- Knowledge Centre (User Handbook)**
  - > [Product category](#)
  - > [Products A-Z](#)
  - > [Interests](#)
  - > [What's new](#)
- Knowledge Base**
  - > [Popular tips](#)
  - > [Search](#)
  - > [Recent tips](#)
  - > [Videos](#)
- SWIFTSmart (eLearning)**
  - > [Catalogue](#)
  - > [Academy](#)
- Case Manager**
  - > [New case](#)
  - > [View all cases](#)
- myProfile**
  - > [Applications](#)
  - > [Request Accesses](#)
  - > [Contact Roles](#)
  - > [Registration Info](#)
  - > [Identity](#)
  - > [Notifications](#)
  - > [Newsletters](#)
  - > [Search Users](#)
- Notification Centre**
- SWIFTNet Services Directory**
- Operational Status**
- myConfig**
  - > [Configuration](#)
  - > [Contracts](#)
  - > [SWIFTNet services](#)
  - > [FIN](#)
  - > [Monitoring data](#)
  - > [Planned maintenance](#)
- Shared Documents**

**Security**

- SWIFT ISAC**  
*Recommended application*
  - > [Request access](#)
- KYC Registry Security Attestation**

**Ordering and billing**

- [Order products & services](#)
- Order tracking tool**
- BIC Validation**



# How to subscribe to the CUG (Closed User Group)? (2/4)

## Order Products and Services

This section allows you to order SWIFT products or services.

Most popular

All

- > Alliance Access
- > Alliance Connect
- > Alliance Lite2
- > Branch code for SWIFT BIC
- > Non-connected BIC and branch code
- > SWIFTRef Directory files

- > KYC Registry
- > Sanctions Screening

### Subscribe to

- > MA-CUG
- > Market Infrastructure
- > Message User Group (MUG)
- > SCORE

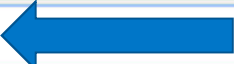


# How to subscribe to the CUG (Closed User Group)? (3/4)

## Subscribe to a Market Infrastructure

A Market Infrastructure is a system administered by a public organisation or other public instrumentality, or a private and regulated association or entity, that provides services to the financial industry for trading, clearing and settlement, matching of financial transactions, and depository functions.

[> Read more about Market Infrastructure](#)

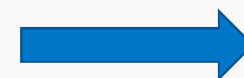
 

**BANQUE NATIONALE DE BELGIQUE (BIC : NBBEBEBB)**

NBBSSS RAMSES SnF (Live)

[Subscribe](#)

NBBSSS RAMSES SnF (Test)











[Subscribe](#)





# How to subscribe to the CUG (Closed User Group)? (3/4)

Consulting Services and Training Option			
Please indicate if you would like to get assistance from SWIFT Training and/or Consulting Services for the implementation of this SWIFTNet service.			
<input type="checkbox"/>	I want to be contacted by SWIFT to further discuss my Training and Consulting Services requirements.		2.01

Order information			
Your own Purchase Order Reference	 	<input type="text"/>	3.01
Sales partner	 	<input type="text" value="S.W.I.F.T. SCRL"/>	3.02
SWIFT commercial quotation reference		<input type="text"/>	3.03
SWIFT account manager email address		<input type="text"/>	3.04

Institution that you order for			
BIC	 	<input type="text" value="please select"/>	4.01

Preferred implementation date			
<p>Implementations always occur during the weekly general maintenance period between Saturday 05:00 GMT and Sunday 05:00 GMT. The earliest possible implementation of an order that is validated by SWIFT as being correct and duly approved by the Service Administrator, is the second weekend following the date of submission. A later weekend can be specified.</p> <p>If you are using Lite2 or Alliance Remote Gateway the implementation date will be aligned with server provisioning (for more information please contact support).</p> <p>In case of <b>first subscription</b> to a SWIFTNet service, the implementation date should concur with the <a href="#">next planned BIC directory publication date</a>.</p>			
Preferred implementation date	 	<input type="text" value="Saturday February 16 2019"/>	5.01

# Readiness form

## ◆ NBB-SSS is ready to help you

- ◇ Dedicated workshop, bilateral testing, ...
- ◇ Knowledge base: contact NBB-SSS Test Team

## ◆ Help us to help you

- ◇ Small questionnaire to SPOC:
  - Contacts: your Project manager, your Test team
  - Scope of testing:
    - All ICPs: Trades and Corporate Actions
    - All DCPs: Corporate Actions
  - Testing schedule
  - Planned migration date

# Testing schedule (1/2)

1. CONNECTIVITY						
	Test Status	Finished % of mandatory test				
SWIFT	Mandatory	0.00%				
2. INTEROPERABILITY						
Test Identification Number	SWIFT tests	Specification	Test Comment	Priority	Test Status	Remarks
SWIFT messages						
Sending of ISO 20022 messages						
X.1 General						
X.1.1	Securities Settlement Transaction Instruction (sese.023.001.07)	DELI		M	Mandatory	
X.1.2		RECE		M	Mandatory	
X.1.3		DELI + RECE (DVP + already matched)		M	Mandatory	
X.1.4		RECE + DELI (FOP + already matched)		M	Mandatory	
X.1.5		DELI (OK + to be matched & settled)	With an N-account	F	Free Test	
X.1.6		RECE (OK + to be matched & settled)	With an N-account	F	Free Test	
X.1.7		BENE//YBEN (Intern transfert)		F	Free Test	
X.1.8		BENE//NBEN (Intern transfert)		F	Free Test	
X.1.9	Securities Settlement Cancellation Request (sese.020.001.05)	Instruction		M	Mandatory	
X.1.10		Transaction		M	Mandatory	
X.1.11		Settled DVP	To be rejected	M	Mandatory	
X.1.12	Securities Settlement Transaction Instruction & Securities Settlement Condition Modification Request (sese.023.001.07 &)	PREA		F	Free Test	
X.1.13		PREA -> No PREA	Release	F	Free Test	
X.1.14		No PREA -> PREA	Put on hold	F	Free Test	
X.1.15	Securities Transaction Status Query (sese.021.001.04)			F	Free Test	
X.1.16	Securities Transaction Cancellation Request Status Advice (sese.027.001.05)			M	Mandatory	

## Testing schedule (2/2)

<b>X.2 Linked instructions</b>					
X.2.1	Securities Settlement Transaction Instruction & Securities Settlement Condition Modification Request (sese.023.001.07 & sese.030.001.07)	POOL		F	Free Test
X.2.2		AFTE		F	Free Test
X.2.3		Link AFTE change to NO Link		F	Free Test
X.2.4		Link WITH		F	Free Test
X.2.5		Link WITH change to NO Link		F	Free Test
X.2.6		Link BEFO		F	Free Test
X.2.7		Link INFO		F	Free Test
X.2.8	Securities Settlement Cancellation Request (sese.020.001.05)	An instruction with Link POOL		F	Free Test
X.2.9		An instruction with Link AFTE		F	Free Test
X.2.10		An instruction with Link WITH		F	Free Test
X.2.11		An instruction with Link BEFO		F	Free Test
<b>X.3 Partial Settlement</b>					
X.3.1	Securities Settlement Transaction Instruction (sese.023.001.07)	NPAR		F	Free Test
X.3.2		PART		F	Free Test
X.3.3	Securities Settlement Cancellation Request (sese.020.001.05)	NPAR		F	Free Test
X.3.4		PART		F	Free Test
<b>X.4 Primary Market (Only for Paying Agent)</b>					
X.4.1	Securities Settlement Transaction Instruction (sese.023.001.07)	RECE		M	Mandatory
<b>X.5 Primary Market (Belgian Debt Agency - Only for Primary/Recognized Dealer)</b>					
X.5.1	Securities Settlement Transaction Instruction (sese.023.001.07)	RECE		M	Mandatory
<b>X.6 Stripping (Only for Primary/Recognized Dealer)</b>					
X.6.1	Securities Settlement Transaction Instruction (sese.023.001.07)	DELI		M	Mandatory
<b>X.7 Reconstitution (Only for Primary/Recognized Dealer)</b>					
X.7.1	Securities Settlement Transaction Instruction (sese.023.001.07)	DELI		M	Mandatory
<b>Receiving of ISO 20022 messages</b>					

## FAQ

- ◆ Is it really mandatory?
- ◆ Can we already start with ISO 20022?
- ◆ What if we are not ready by 2021?
- ◆ What am I missing when not migrating?
- ◆ Once in ISO 20022, shall I become DCP?
- ◆ ...

# Documentation

- ◆ NBB-SSS website ISO 20022 Project
  - ◇ General documentation
  - ◇ Presentations
  - ◇ Dedicated Sharepoint for participants
- ◆ NBB-SSS Info session on mandatory ISO 20022 migration
  - ◇ 18th info session Mandatory Migration ISO 20022 to T2S (11/12/2018)
  - ◇ 19th info session NBB-SSS ISO 20022 (09/04/2019)
  - ◇ 20th info session NBB-SSS ISO 20022 (12/11/2019)

# NBB-SSS Contacts

- ◆ Central mailbox
  - ◇ [sss@nbb.be](mailto:sss@nbb.be)
- ◆ Coordination Project: Koen Geenen
  - ◇ [Koen.geenen@nbb.be](mailto:Koen.geenen@nbb.be) or +32 (0) 2 221 37 64
- ◆ Operational aspects: David De Vleeschouwer
  - ◇ Procedures, migration, message syntax
  - ◇ [David.devleeschouwer@nbb.be](mailto:David.devleeschouwer@nbb.be) or +32 (0) 2 221 41 18
- ◆ Technical aspects and Test Team: Pascal Mareschal
  - ◇ MyStandards, CUG, ...
  - ◇ Message syntax
  - ◇ Testing and certification
  - ◇ [Uatt2s.Sss@nbb.be](mailto:Uatt2s.Sss@nbb.be) or +32 (0) 2 221 37 27

Questions?

