

The KYC Registry Security Attestation Application

Customer Security Programme
Demo

October 2017

Outline







Security Attestation | Who

- All SWIFT users, regardless whether they connect directly or indirectly (e.g. service bureau, Alliance Lite2)
- Attestation will be required for all live BIC8 (published and non-published) against all mandatory security controls
- For non-published BICs data can only be submitted but not consumed
- Your organisation's self-attestation must be renewed every 12 months
- A renewal of the self-attestation will also be required when there is a change in the local setup (e.g. change in architecture, service provider, status of the security control)

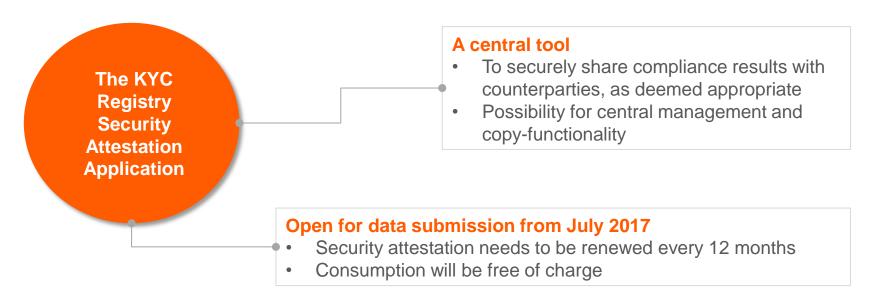




Self-attestation Submission and Counterparty Access

Builds on the principles of fostering transparency between users and ensuring customer remains in control:

- · Central tool to submit self-attestation and security controls compliance
- Attesting user remains in control of sharing its data to counterparties
- · Any other user must request access to the attesting user to view its data







What will you attest on?

Contact information

- Contact details for Self-Attestation
- Contact details of the CISO or similar function
- Contact details for 24x7 SOC
- Financial Supervisory Authority (+ contact details)



Type of evaluation

- Assurance Type (self-assessment, internal audit, external audit)
- Name of the external audit company (if applicable)

- Type of SWIFT infrastructure
- Architecture Type
- Connectivity owner (messaging / communication interface) info. Architecture type and Service Provider type (SB, SWIFT hosted, Group Hub...)







What will they attest on?



Mandatory controls					
1.1 SWIFT Environment Protection					
	I comply as per implementation guidelines in the Customer Security Framework documentation				
	I comply using an alternative implementation while meeting the same control objective				
	I will comply by a given date				
	I do not comply				
1.2 Operating System Privileges Account Control					
	I comply as per implementation guidelines in the Customer Security Framework documentation				
	•••				
Advisory controls (optional)					

Note: Applicable controls depend on architecture type (cloud, on-premises, hosted gateway etc.)





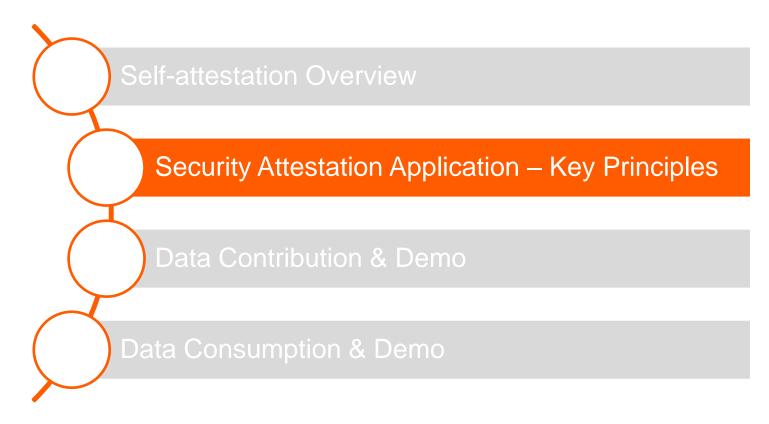
Customer Security Attestation Process - Timeline



- 31 March, 2017: Publication of Security Control framework (CSCF)
- 19 May, 2017: Publication of Customer Security Attestation Policy (CSAP)
- July 2017: KYC Registry Security Attestation Application (KYC-SA) will become available
- All customers must self-attest before the end of 2017 and will be required to renew their attestation every 12 months
- As of Jan, 2018: SWIFT reserves the right to report on non-attestation
- As of Jan, 2019: SWIFT reserves the right to report on non-attestation & non-compliance



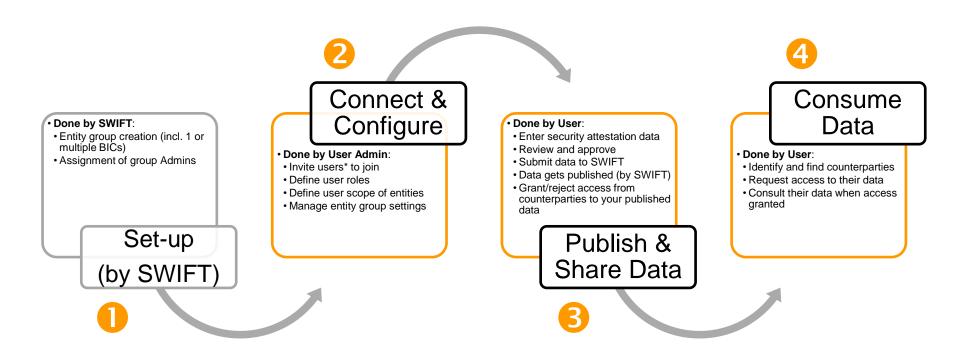
Outline







KYC-SA Application – **High Level Overview**



(*) must have a valid registered swift.com account





KYC-SA Application – Entity Group Initial Set up

An entity group is a collection of entities/BICs:

- By default, BICs belonging to the same traffic hierarchy
- An institution can have multiple groups (by default 1)
 - Request to SWIFT Support to ask for the creation of another entity group if needed
- An entity/BIC cannot be in different groups

Admins:

In the <u>initial setup</u>, the swift.com administrators of the top parent entity (CPD) will be assigned the Admin role in the KYC-SA application.

> SDC Admins = KYC-SA admins

Institution 1

Entity Group1

Entity A (Head of traffic = CPD)◆

- Entity B Entity G
- Entity C Entity H
- Entity D Entity J

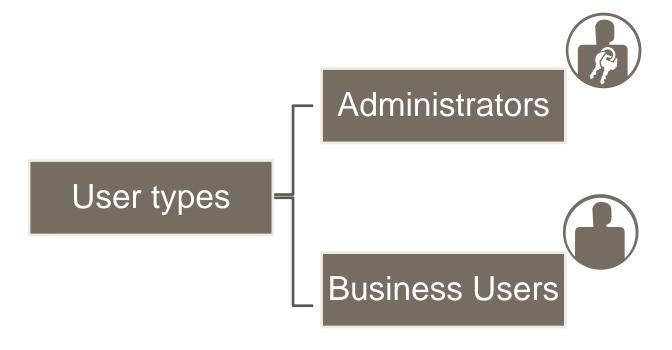


KYC-SA Application





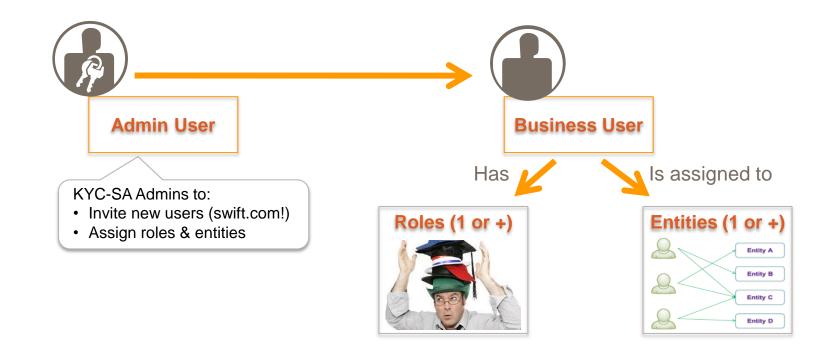
KYC-SA Application – **User Types**







KYC-SA Application – User Administration







KYC-SA Application – **Business User Roles**





Submitter

Create and edit data for your institution



Approver (4-eyes)

Review and approve data for your institution

Contribution roles



Requester

Request access and review data of counterparties



Viewer

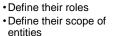
Consult data of counterparties



Granter

Grant access to counterparties' requests

Consumption roles

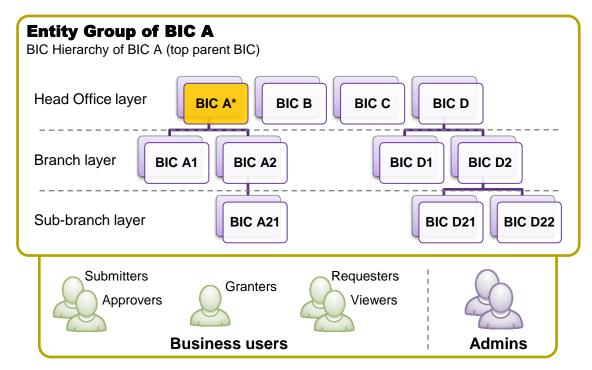


Invite (swift.com!) users

Connect



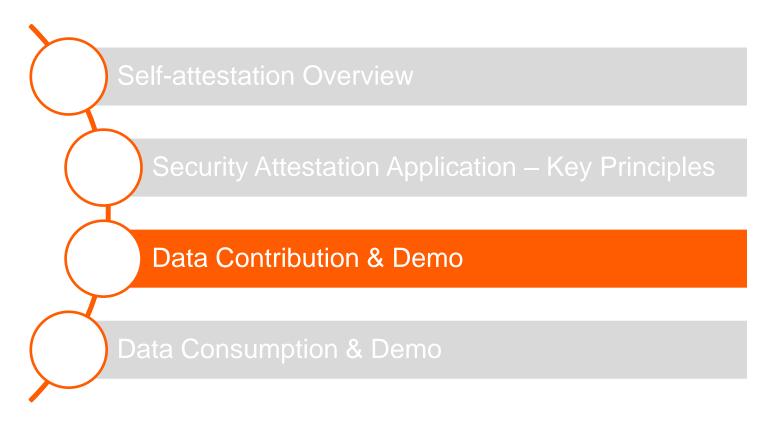
KYC-SA Application – **User Administration – Example**



EXAMPLE		Entities			
User	Role	Α	В	С	D
Sam	Submitter			\checkmark	\checkmark
Susan	Submitter	\checkmark	\checkmark		
Alan	Submitter Approver			✓	\checkmark
Gloria	Submitter Approver Granter			✓	✓
Rachel	Requester	\checkmark	\checkmark		
Bob	Admin	√	√	√	\checkmark
Will	Admin	√	√	√	\checkmark
	Approver	✓	\checkmark		



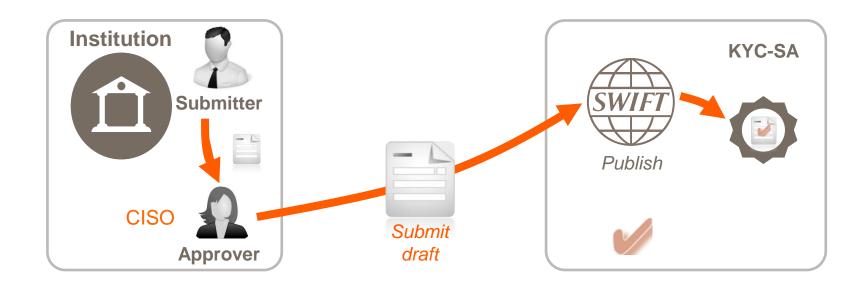
Outline







KYC-SA Application - Data Contribution







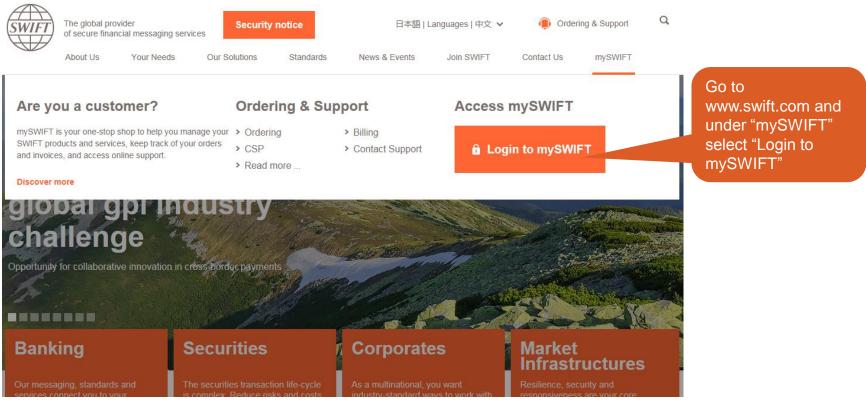




Starting

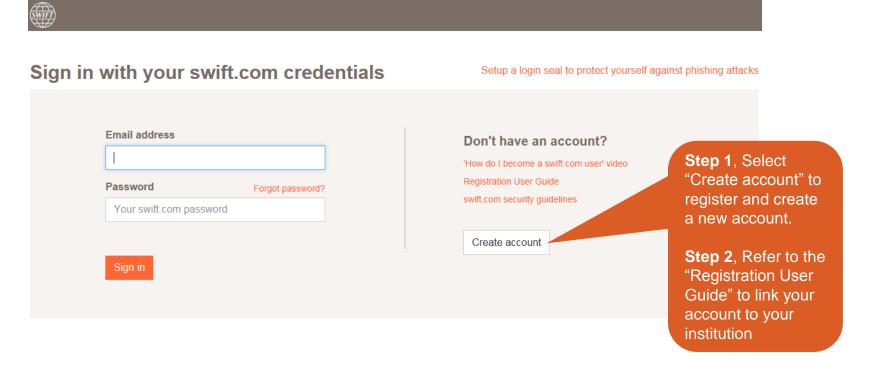
- Log In SWIFT.com
- Administration
- Assigning users

Business users that do not have a swift.com account should register



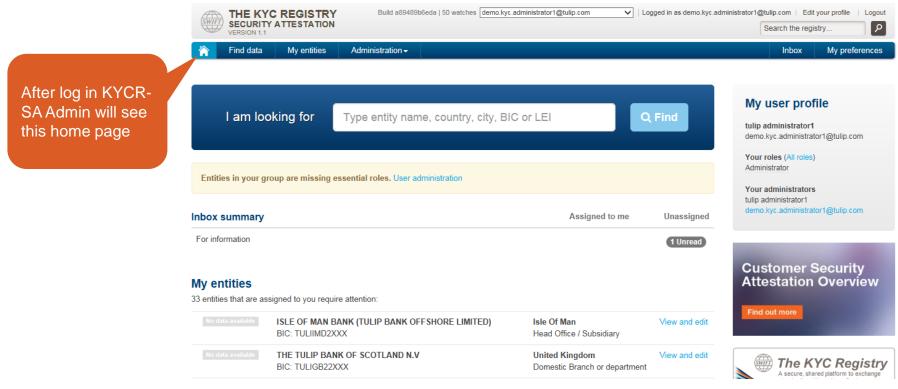


Business users that do not have a swift.com account should register



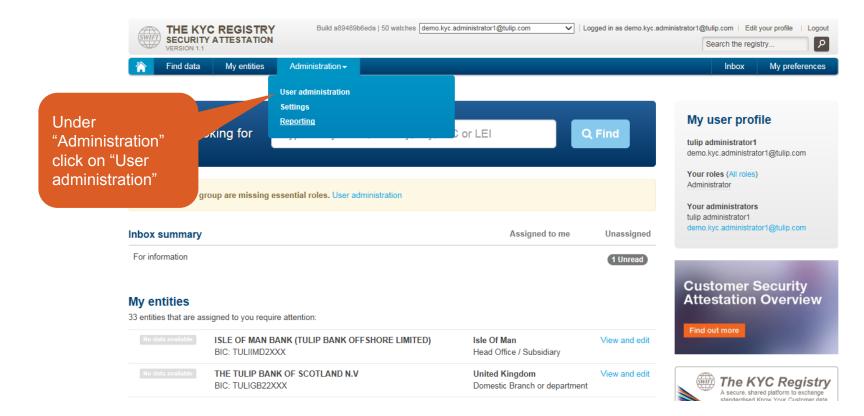


Your swift.com admin logs into the Self Attestation (KYCR-SA) tool, at https://kycregistry.swift.com/security-attestation



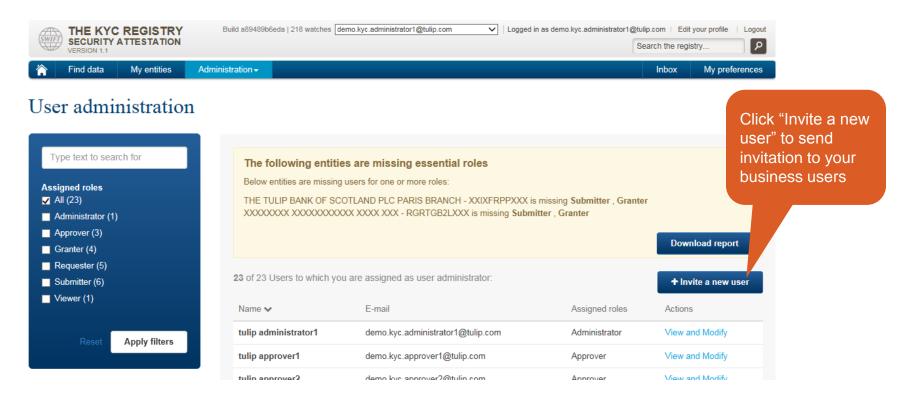


Your swift.com admin invites your business users to use the tool





Your swift.com admin invites your business users to use the tool

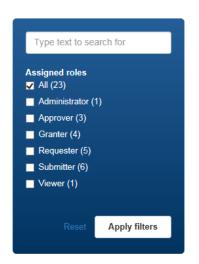


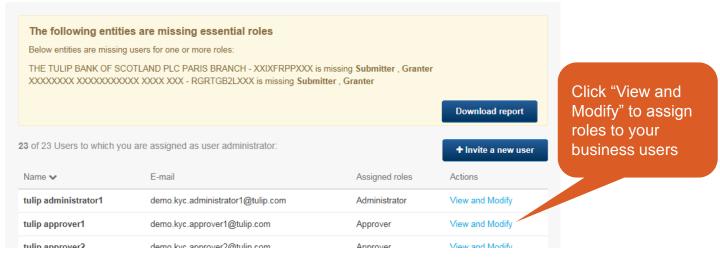


Your swift.com admin assigns "submitter" and "approval" roles to your business users



User administration

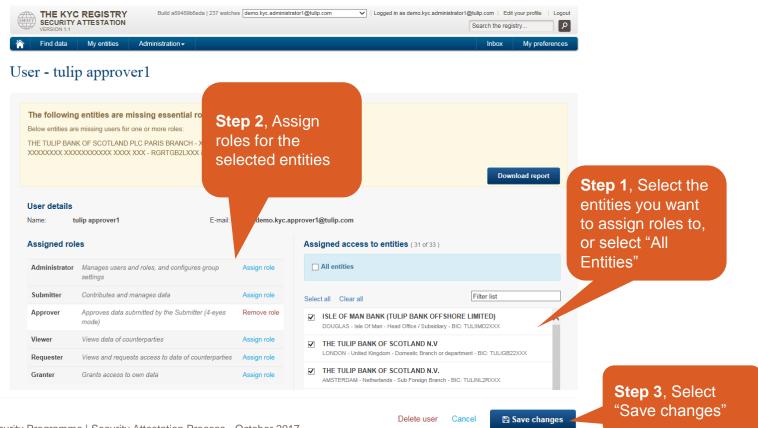






Your swift.com admin assigns "submitter" and "approval" roles to your business

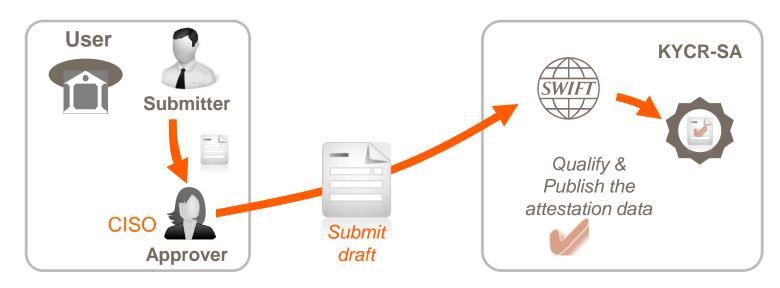
users



Attesting

- Do your assessment and collect information
- Start a Draft
- Contact information
- Assurance Type
- Infrastructure Type and provider (multiple examples)
- Current compliance status per control
- Submit draft
- Review and Approve
- Published

By default a "submitter" must draft an attestation, and a second "approver" user must approve the attestation



Tip:



 For more details on the Self Attestation tool refer to the KYCR-SA Baseline and User Guide here

Collect information required for attestation

- The following information is required to submit an attestation
- You can collect this information offline before submitting in the KYCR-SA tool

Submitter and approver info

Evaluation method (self-assessment, internal audit, external audit)

Type of infrastructure (including hub owner or service bureau if applicable)

Contact information

For each control:

- ☐ I comply
 - → in line with guidance
 - → with alternative implementation
- ☐ I will comply
 - → with qualification date field
- ☐ I do not comply

Any mandatory control with a missing response will default to "Do not comply"

Advisory controls may be left with a blank response

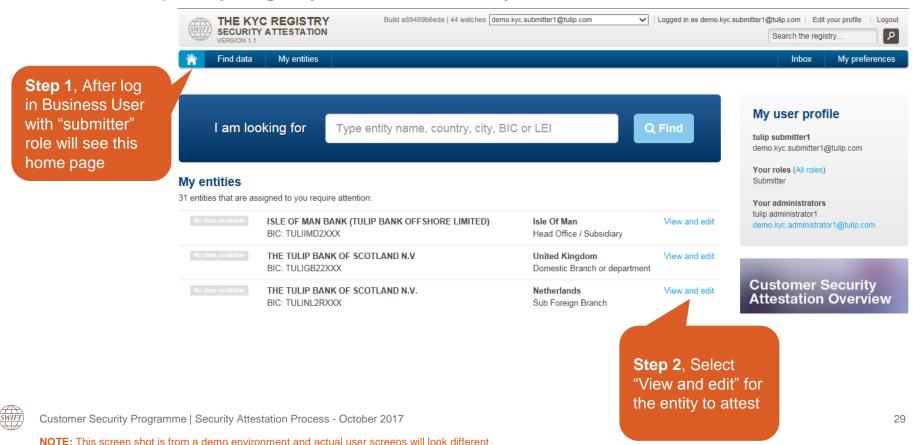
Tip:

 Use this Excel template to create a draft attestation offline

> Microsoft Excel Worksheet



Business user with "submitter" role logs into the KYCR-SA tool and selects entity to attest, at https://kycregistry.swift.com/security-attestation

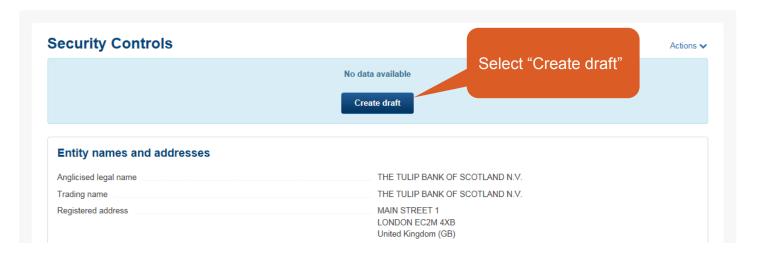


Create draft submission



THE TULIP BANK OF SCOTLAND N.V. Sub Foreign Branch

BIC: TULINL2RXXX | Location: AMSTERDAM, Netherlands



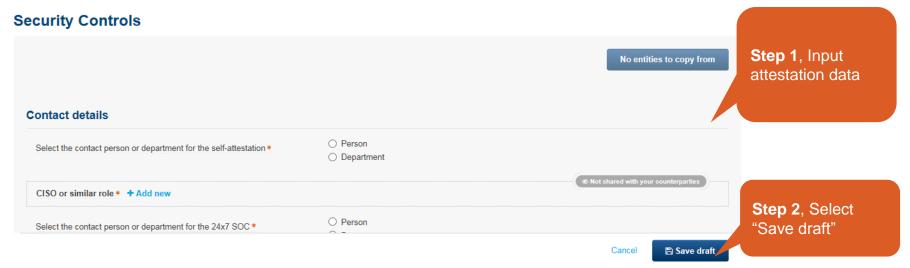


Create draft submission



THE TULIP BANK OF SCOTLAND N.V. Sub Foreign Branch

BIC: TULINL2RXXX | Location: AMSTERDAM, Netherlands

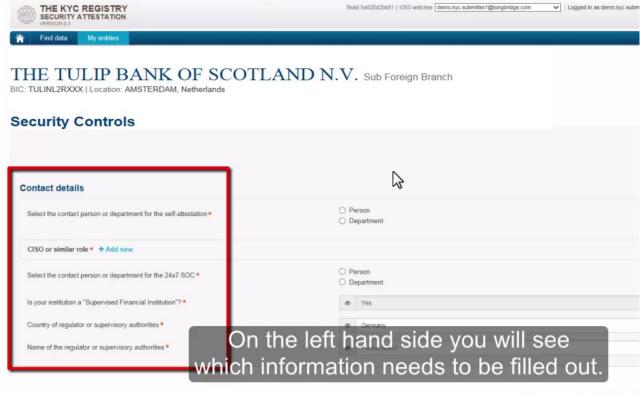


You need to provide all fields (7 missing) marked with an * before you can submit 🔑



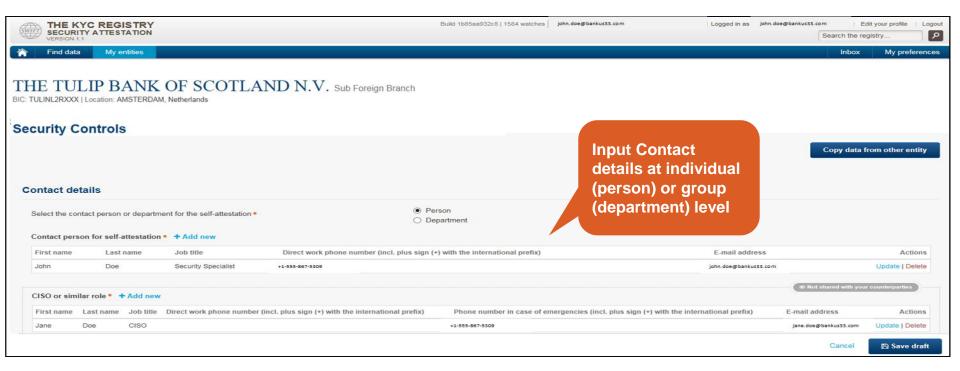


Create draft submission



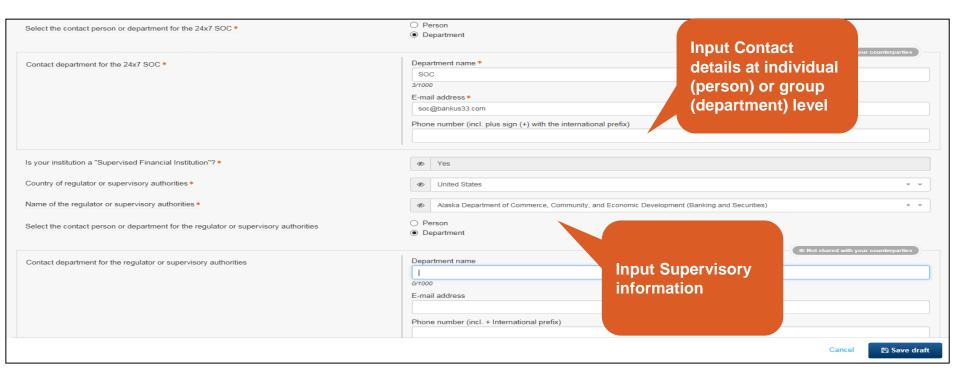


Create draft submission Contact Details





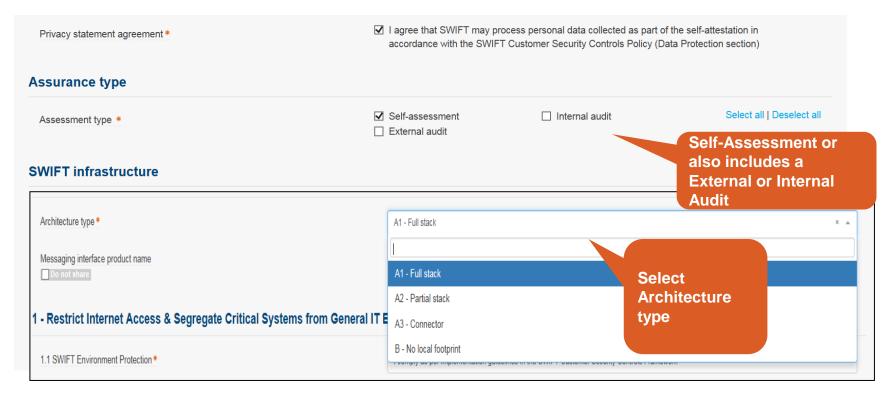
Create draft submission Contact Details & Supervisory Information







Create draft submission Select Assessment type & Architecture type

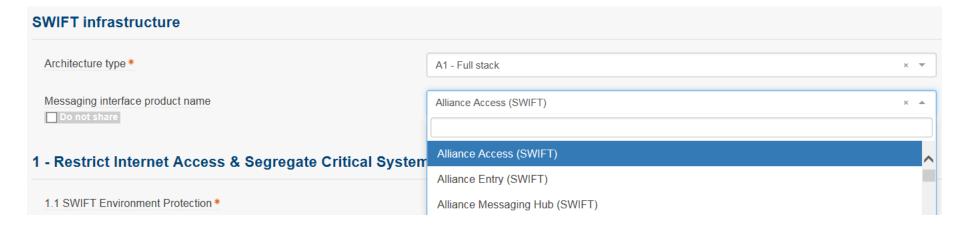






Example:

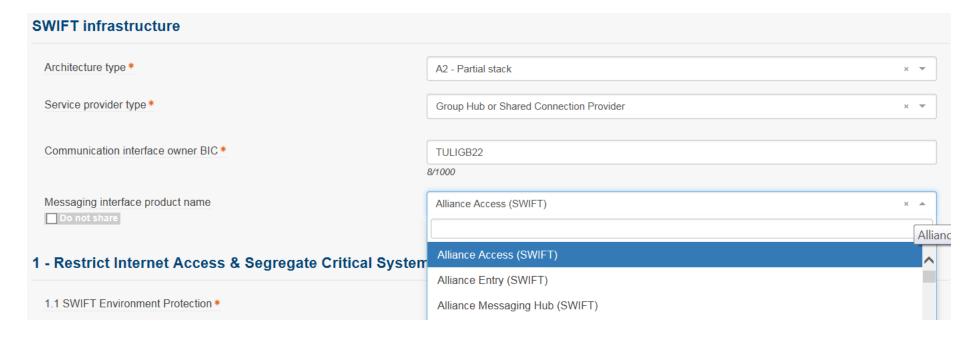
A1 using SWIFT or another Interface provider







Example: A2 using SWIFT or another Interface provider



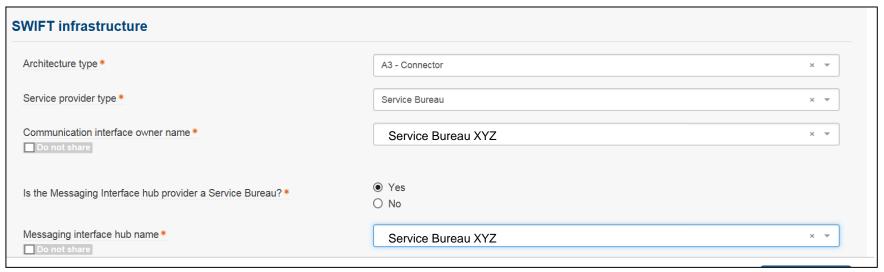




Example:

A3 using SWIFT Lite2 or a Service Bureau

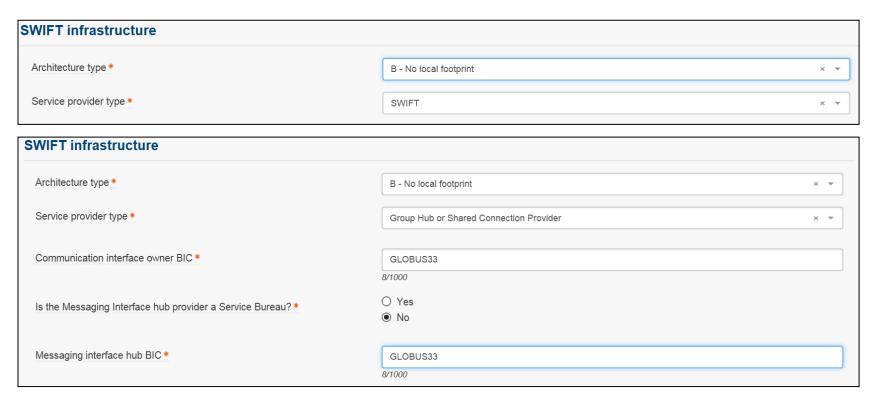








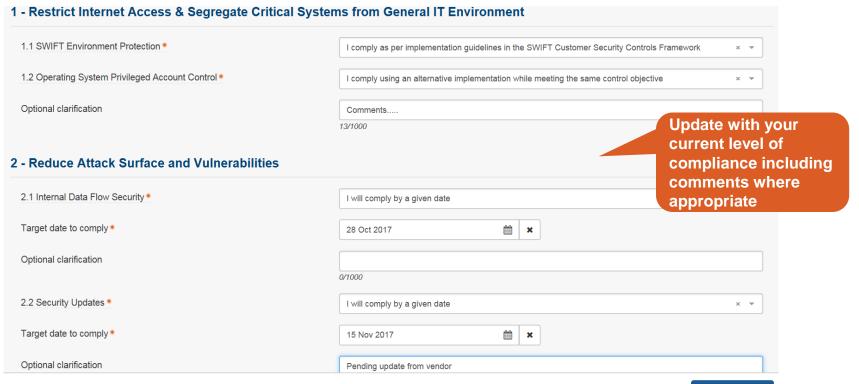
Example B using SWIFT Lite2 or a Hub







Create draft submission Update current compliance status and plans





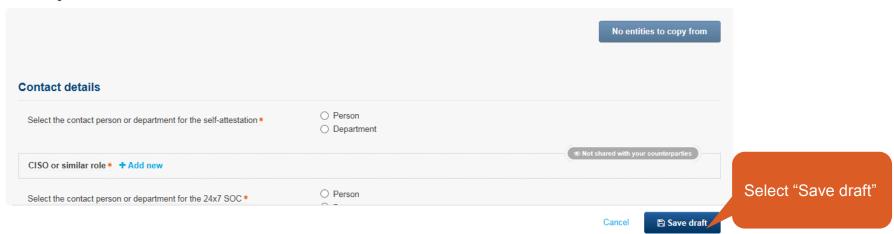
Save draft



THE TULIP BANK OF SCOTLAND N.V. Sub Foreign Branch

BIC: TULINL2RXXX | Location: AMSTERDAM, Netherlands

Security Controls



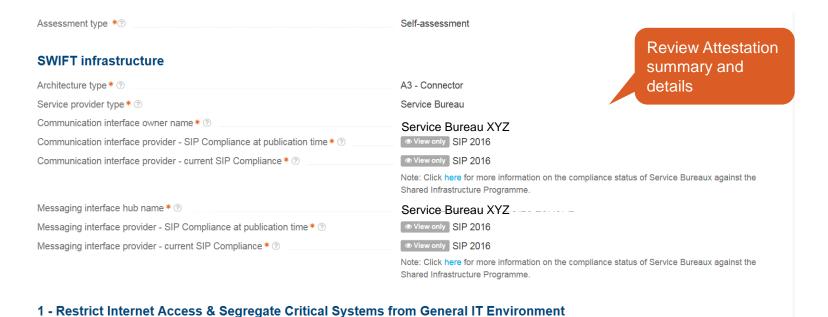
You need to provide all fields (7 missing) marked with an * before you can submit 📣



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Review draft for approval



ast updated by longbridge submitter1 on 28 Aug 2017 sing Baseline version 1 (See Baseline Definition)

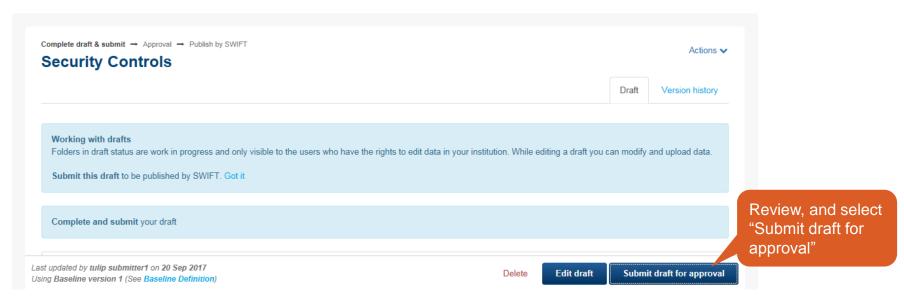


Submit draft for approval



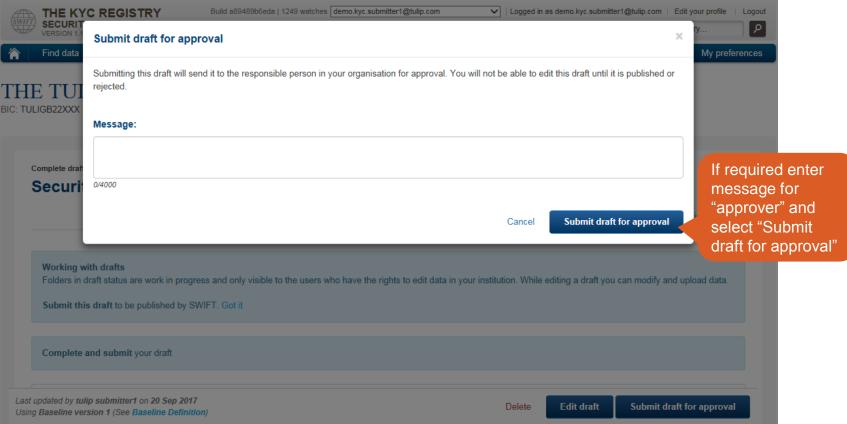
THE TULIP BANK OF SCOTLAND N.V Domestic Branch or department

BIC: TULIGB22XXX | Location: LONDON, United Kingdom





Submit draft for approval





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Business user with "approver" role logs into the KYCR-SA tool and selects entity to approve attestation, at https://kycregistry.swift.com/security-attestation

Build a89489b6eda | 44 watches | demo.kvc.approver1@tulip.com Logged in as demo.kvc.approver1@tulip.com | Edit your profile THE KYC REGISTRY SECURITY ATTESTATION ٦ Search the registry... Find data My entities My preferences Inbox Step 1, After log in Business User My user profile with "approver" I am looking for Type entity name, country, city, BIC or LEI Q Find role will see this tulip approver1 demo.kyc.approver1@tulip.com home page Your roles (All roles) My entities Approver 31 entities that are assigned to you require attention: Your administrators tulip administrator1 ISLE OF MAN BANK (TULIP BANK OFFSHORE LIMITED) Isle Of Man View and edit demo.kyc.administrator1@tulip.com BIC: TULIIMD2XXX Head Office / Subsidiary THE TULIP BANK OF SCOTLAND N.V United Kinadom View and edit BIC: TULIGB22XXX Domestic Branch or department **Customer Security** THE TULIP BANK OF SCOTLAND N.V. Netherlands View and edit Attestation Overview BIC: TULINL2RXXX Sub Foreign Branch



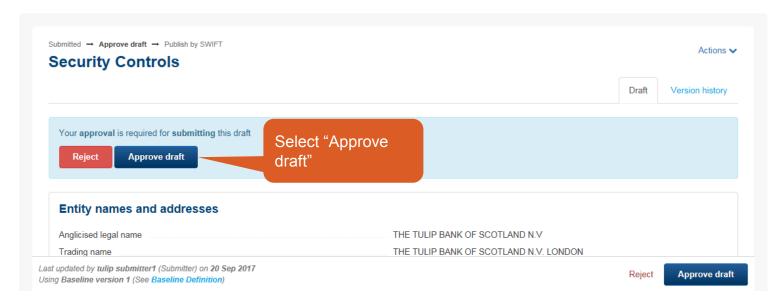
Step 2, Select
"View and edit" for
the entity to
approve attestion

Review and Approve draft attestation



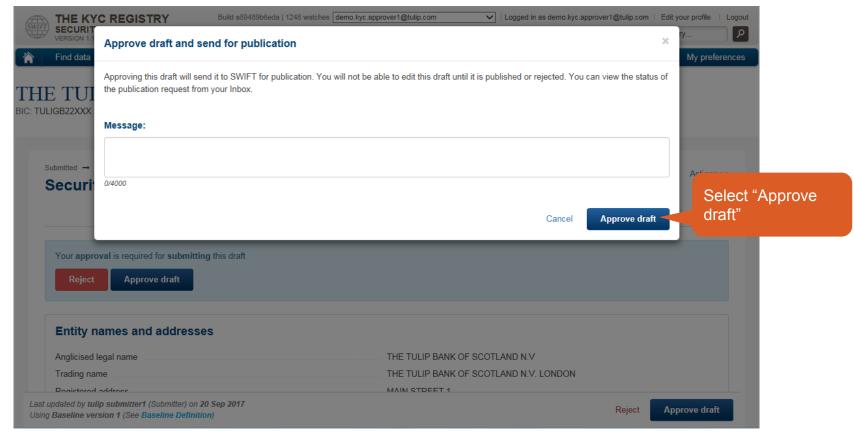
THE TULIP BANK OF SCOTLAND N.V Domestic Branch or department

BIC: TULIGB22XXX | Location: LONDON, United Kingdom





Approve draft attestation

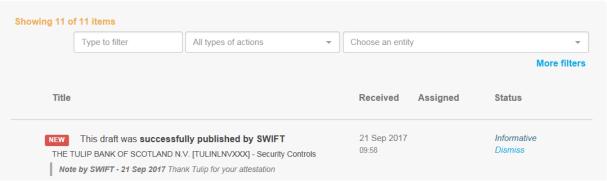




Attestation Published

Inbox





Confirmation from SWIFT



Attestation Published

Security Controls

Actions 🗸

Published

Version history

Publication comment:

Thank Tulip for your attestation

Entity names and addresses

Anglicised legal name THE TULIP BANK OF SCOTLAND N.V

Trading name THE TULIP BANK OF SCOTLAND N.V. LONDON

Registered address MAIN STREET 1

LONDON EC2M 4XB

United Kingdom (GB)

Operating address MAIN STREET 1
LONDON EC2

Last updated by tulip submitter1 (Submitter) on 21 Sep 2017 Approved by tulip approver1 (Approver) on 21 Sep 2017

Published by SWIFT on 21 Sep 2017

Using Baseline version 1 (See Baseline Definition)

History of submission and publication





Additional tools

- Copy/paste
- Compares
- Activity Log

KYC-SA Application - Folders copy/paste & edit



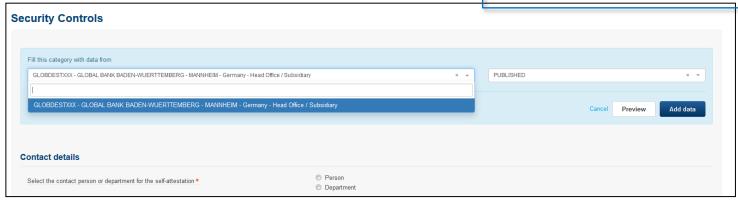
Submitter



Folders copy/paste & edit principles:

- Submitter decides which folder (latest draft or published version) from which entity to be copied
- Once pasted, information can be freely updated (no linkage)
- All data included in the source folder is copied and pasted in the destination one
- No specific restrictions: any entity of the group can benefit from this feature







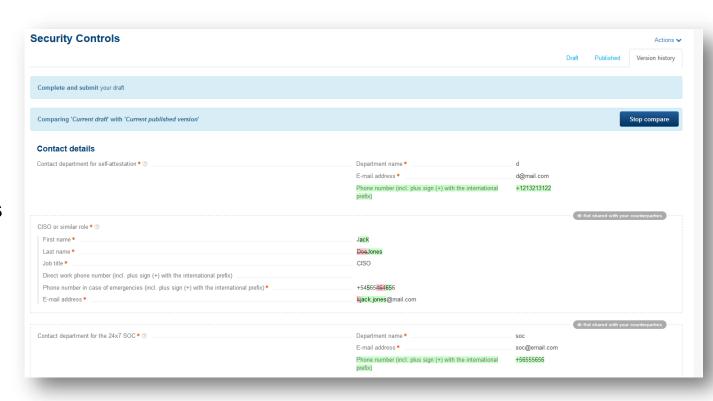
KYC-SA Application - Compare folders

Compare folder versions:

- Either draft or published versions
- Both for contribution and consumption

Comparing folders shows:

- Data and documents impacted by the updates
- · Additions in green
- Deletion in red strikethrough





KYC-SA Application - Data contribution activity log report

Track who did what and when per entity and per folder

For KYC Admins (Group scope) and Submitters/Approvers (Entities assigned scope)





KYC-SA Application - Download information

PDF

On top of the XML format, users get a PDF version of the draft or published data (as part of a ZIP file)

Security Controls

Anglicised legal name: GLOBAL BANK BADEN-WUERTTEMBERG
Trading name: GLOBAL BANK BADEN-WUERTTEMBERG
Registered address: MAIN STREET 1
MANNHEIM 68165
Germany (DE)

Operating address: POB 10 60 49 MAIN STREET 1
STUTTGART 70173
Germany (DE)

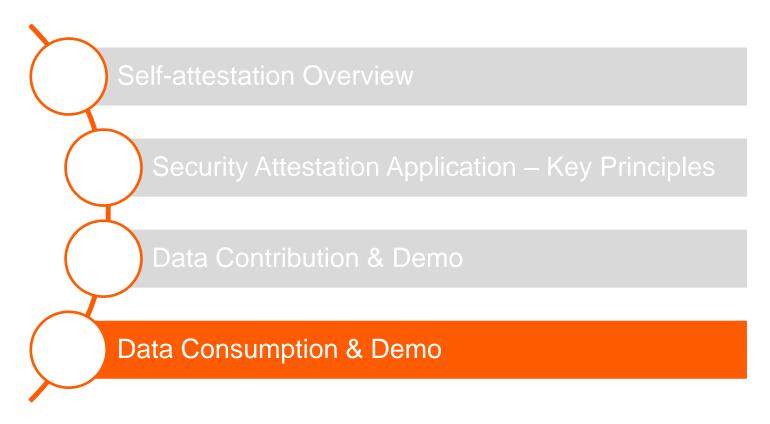
Contact details

Contact person for self-attestation

First name Last name Job title Direct work phone number (incl. plus F-mail address sign (+) with the international prefix) Jadoulle CISO jerome.jadoulle@swift.com CISO or similar role First name Direct work phone number (incl. F-mail address Last name Job title Phone number in case of plus sign (+) with the international prefix) emergencies (incl. plus sign (+) with the international prefix) jerome.jadoulle@swift.com Contact department for the 24x7 SOC SOC Department name



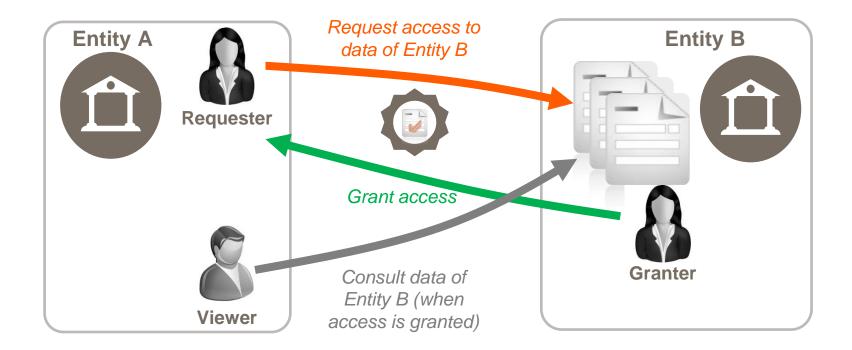
Outline







KYC-SA Application - Data Consumption



Consulting authorised Security Attestation data is free of charge



KYC-SA Application - Access management principles



An entity must have published data to be able to receive an access request



Access requests are granted between entities (not users)



Access requests are always triggered on demand of a counterparty (no proactive access granting)







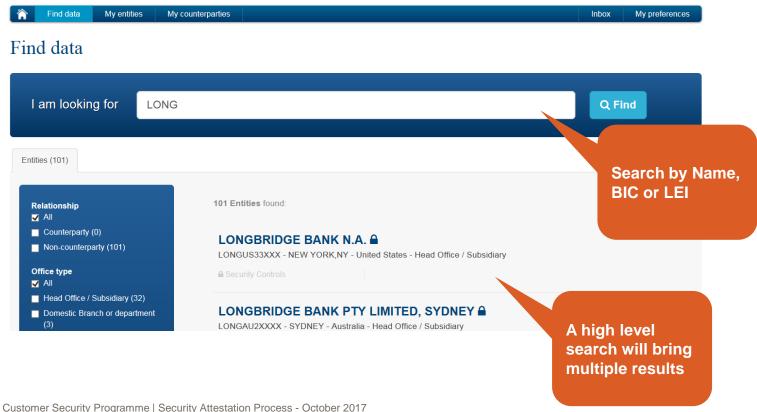


Consumption

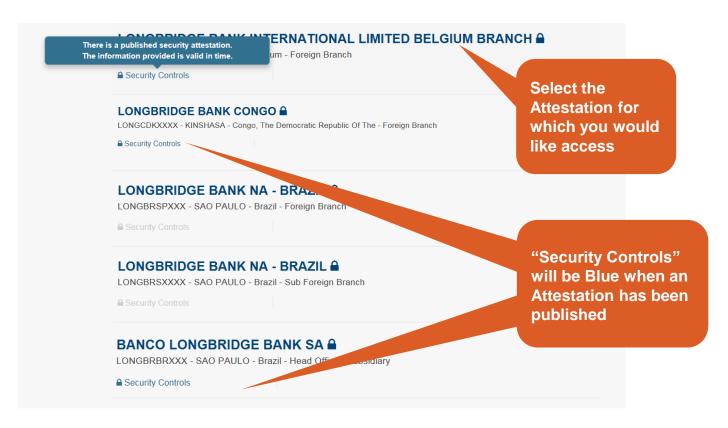
Requesting

- Search for counterparties
- Request access to their Attestation
- Request for multiple BICs
- Confirm request

Business user with "requestor" role logs into the KYCR-SA tool and searches for Entity to request Attestation



Search for counterparties with completed Attestations





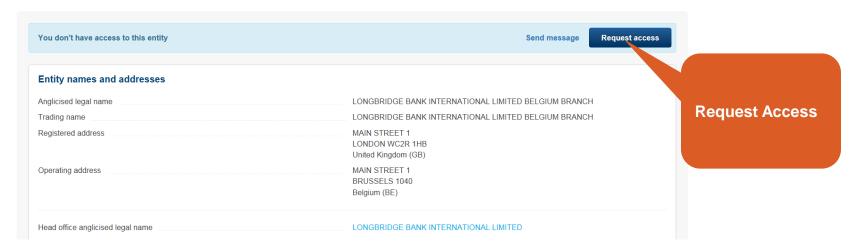
Request Access



LONGBRIDGE BANK INTERNATIONAL LIMITED BELGIUM BRANCH

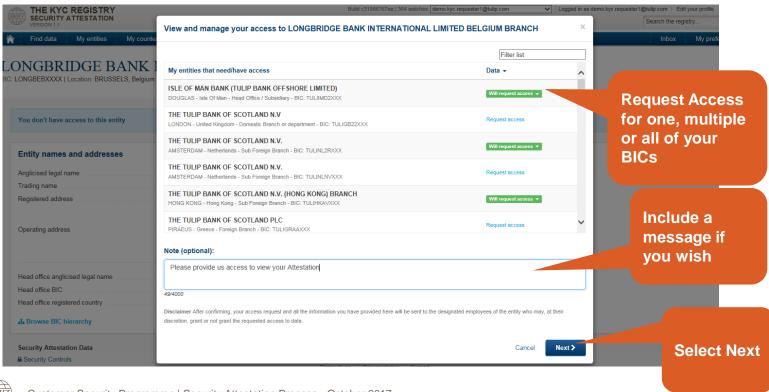
Foreign Branch

BIC: LONGBEBXXXX | Location: BRUSSELS, Belgium





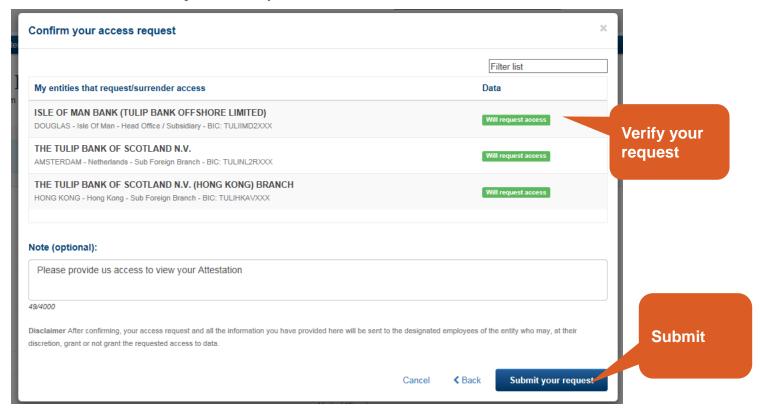
Request access for one or more of your BICs





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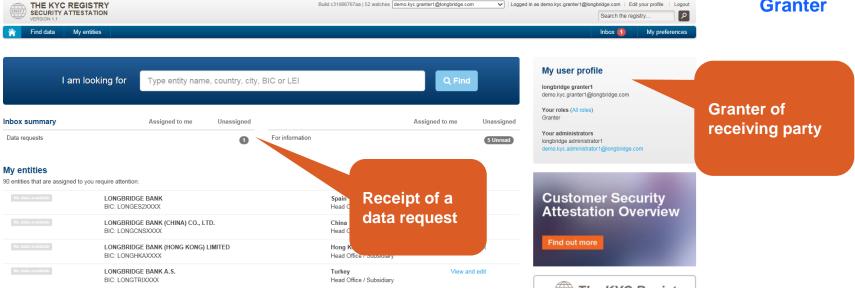
Confirm and submit your request





Granter of Counterparty Organization: As A Recipient of a Request – "Granter" can grant access







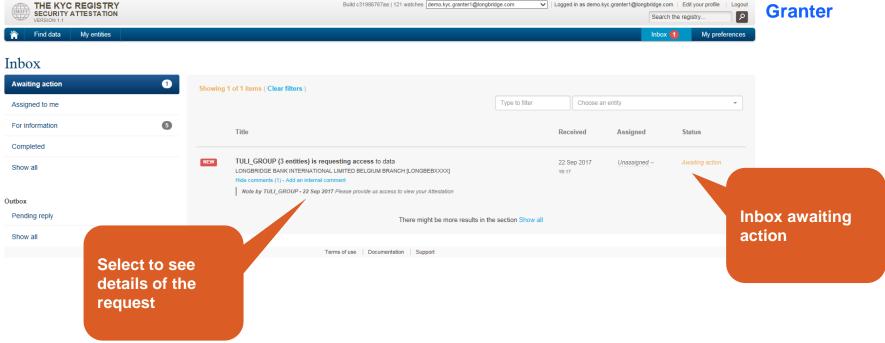
Consumption

Granting

- Inbox & preferences
- Grant or reject access

Granter of Counterparty Organization: Request and details can be found in your Inbox

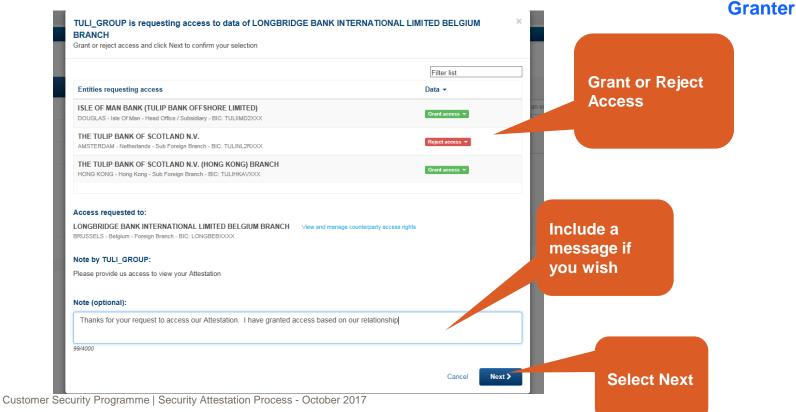






Granter of Counterparty Organization: Grant or deny request/s







Consumption

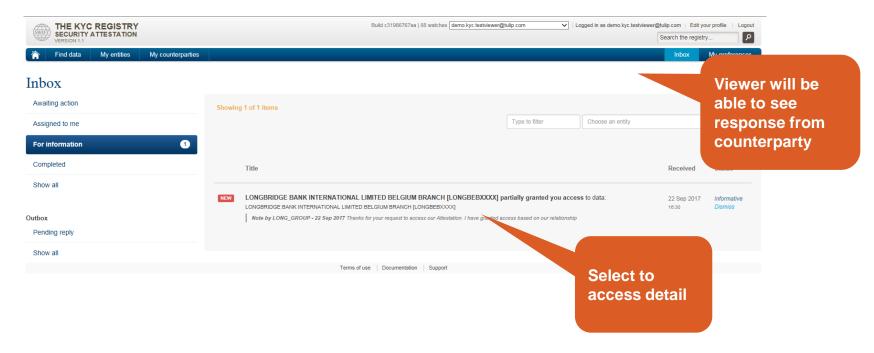
Viewing

- Inbox & preferences
- View access granted
- View Attestation
- Follow-up as needed

Viewer:

Viewer can see counterparty response and access Attestation detail



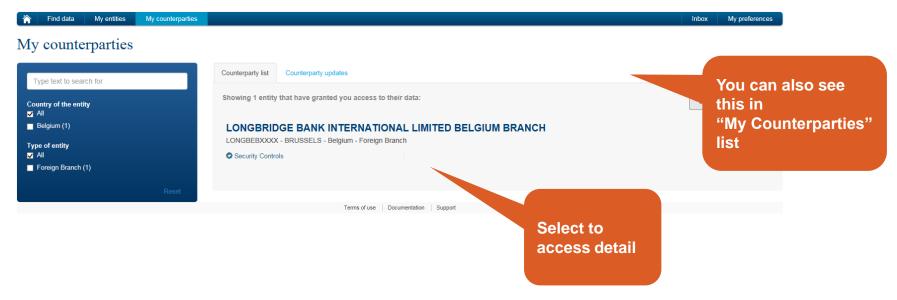




Viewer:

Viewer can see counterparty response and access Attestation detail



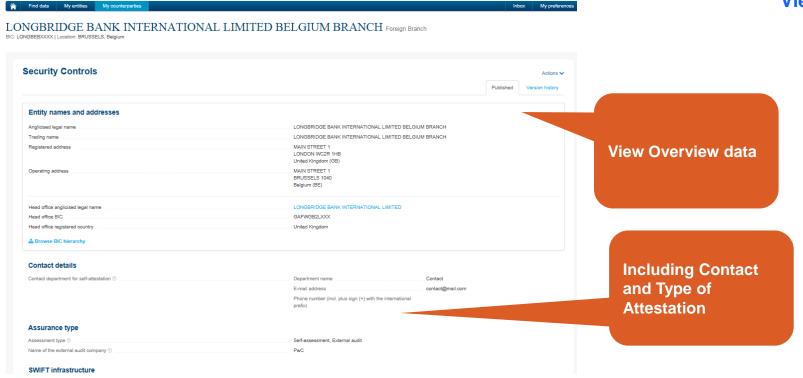




Viewer:

Viewer can see Attestation detail







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Viewer:

Viewer can see Attestation detail



SWIFT infrastructure	
Architecture type ③	A1 - Full stack
1 - Restrict Internet Access & Segregate Critical Systems from Gen	eral IT Environment
1.1 SWIFT Environment Protection ③	I comply as per implementation guidelines in the SWIFT Customer Security Controls Framework
1.2 Operating System Privileged Account Control ①	I comply using an alternative implementation while meeting the same control objective
Optional clarification	alternative
2 - Reduce Attack Surface and Vulnerabilities	
2.1 Internal Data Flow Security 🗇	I will comply by a given date
Target date to comply	02 Dec 2017
Optional clarification	will install new version of xyz
2.2 Security Updates ⑦	I comply as per implementation guidelines in the SWIFT Customer Security Controls Framework
2.3 System Hardening ⑦	I comply as per implementation guidelines in the SWIFT Customer Security Controls Framework
3 - Physically Secure the Environment	
3.1 Physical Security ③	I comply as per implementation guidelines in the SWIFT Customer Security Controls Framework
4 - Prevent Compromise of Credentials	
4.1 Password Policy ③	I comply as per implementation guidelines in the SWIFT Customer Security Controls Framework
4.2 Multi-factor Authentication ⑦	I comply as per implementation guidelines in the SWIFT Customer Security Controls Framework
5 - Manage Identities and Segregate Privileges	
5.1 Logical Access Control ①	I comply as per implementation guidelines in the SWIFT Customer Security Controls Framework
5.2 Token Management ③	I comply as per implementation guidelines in the SWIFT Customer Security Controls Framework
6 - Detect Anomalous Activity to Systems or Transaction Records	
6.1 Malware Protection ③	I comply as per implementation guidelines in the SWIFT Customer Security Controls Framework
6.2 Software Integrity ①	I comply as per implementation guidelines in the SWIFT Customer Security Controls Framework
6.3 Database Integrity ③	I comply as per implementation guidelines in the SWIFT Customer Security Controls Framework
6.4 Logging and Monitoring ③	I comply as per implementation guidelines in the SWIFT Customer Security Controls Framework

View details

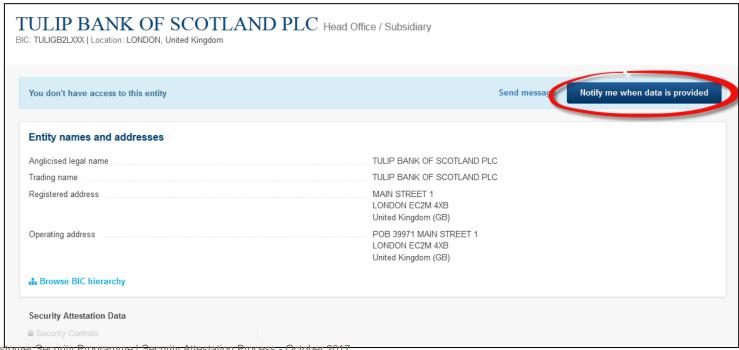


Additional tools

- Notifications
- Updates

KYC-SA Application - Follow entity

Be notified when an entity publishes data for the first time (in the KYC-SA) For Requesters/Viewers

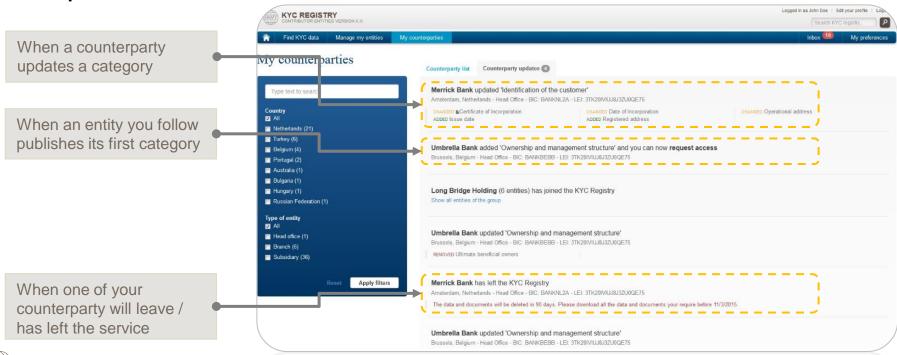




KYC-SA Application - Counterparty updates

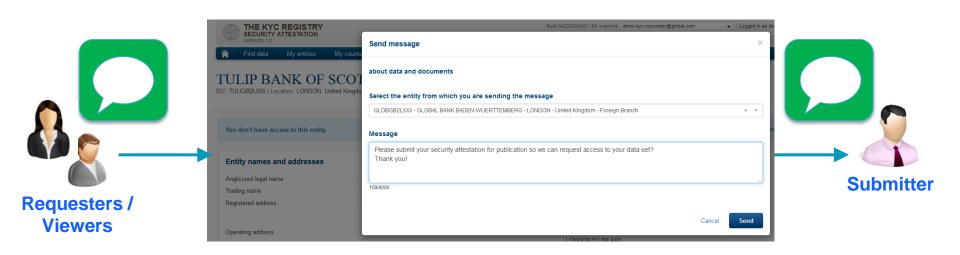
Be notified for counterparty updates (as a newsfeed in the KYC-SA)

For Requesters/Viewers



KYC-SA Application - **Send messages to entities** *In preparation of an access request*

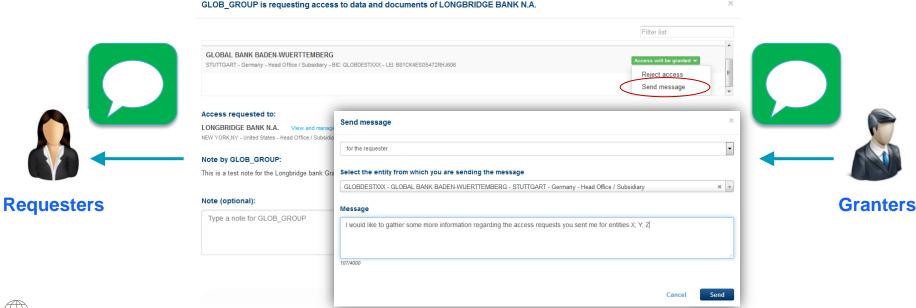
Send messages to counterparty entities (with or w/o published data) From Requesters/Viewers to Submitters (at the counterparty)





KYC-SA Application - **Send messages to entities**Before granting or rejecting an access request

Send messages on access requests
From **Granters** to **Requesters** (at the counterparty)



CSP...

reinforcing the security of the global banking system



Customer Security Attestation Process - Timeline



- 31 March, 2017: Publication of Security Control framework (CSCF)
- 19 May, 2017: Publication of Customer Security Attestation Policy (CSAP)
- July 2017: KYC Registry Security Attestation Application (KYC-SA) will become available
- All customers must self-attest before the end of 2017 and will be required to renew their attestation every 12 months
- As of Jan, 2018: SWIFT reserves the right to report on non-attestation
- As of Jan, 2019: SWIFT reserves the right to report on non-attestation & non-compliance



Where can I go if I need help?



CSP pages

Visit the <u>CSP pages</u> for programme news and updates

MySWIFT

A self-service portal containing "how-to' videos, guidance on frequently asked questions and Knowledge Base tips.

SWIFT ISAC Portal

Consult the portal for information related to security threats

User Handbook

- SWIFT Customer Security Controls Policy
- SWIFT Customer Security Controls Framework
- KYC-SA Registry Baseline
- KYC-SA Registry User Guide

Knowledge Base

KYC-SA Quick-Start User Guide: <u>Tip 5021858</u>

How-to video's:

- <u>Tip 5021825</u>: KYC-SA Role Families
- <u>Tip 5021826</u>: KYC-SA Administration
- <u>Tip 5021827</u>: KYC-SA Data Contribution
- Tip 5021828: KYC-SA Data Consumption



Need more help?



SWIFTSmart

The <u>SWIFTSmart</u> e-learning training platform includes a portfolio of modules, including in-depth modules on each of the mandatory security controls

SWIFT Customer Support

SWIFT Customer Support teams are on hand 24/7 to answer specific queries if you don't find the information resources you are looking for.

Third-party support

Directory of Cyber Security Service Providers

If you need practical, on-the-ground implementation support, you can consult the Directory of Cyber Security Service Providers on SWIFT.com to help find a third-party project partner that may be suitable for your needs.



Customer Security **Programme** (CSP)

SWIFT launched the **Customer Security** Programme to help customers reinforce the security of the global banking system.

Your **Community**

Share and Prepare Intelligence Sharing SWIFT ISAC Portal



Your Counterparts

Prevent and Detect Transaction Pattern Detection -RMA, DVR and Payment Controls







Questions







