



SWIFT Compliance

Gizem Tansu

Gizem.tansu@swift.com

Financial Crime Compliance initiatives



Compliance Services

Community-inspired financial crime compliance solutions



Financial Crime Compliance Service

Across Correspondent cycle



SWIFTRef
(Bankers World Online)



KYC Registry



SWIFTRef
(Bankers World Online)

Name Screening

KYC Registry

Start Business

RMA/RMA+

Sanctions screening

Sanctions testing

SWIFTRef
(Bankers World Online)

List management



Compliance Analytics

Daily validation report

Payment data quality



Name Screening

KYC Registry

Sanctions testing





The KYC Registry – A Global Initiative

Driven in partnership with leading Financial Institutions



Promote Standards



Drive Adoption

Design Roadmap

Validate Features



Constant growth of membership

To date, more than **5000** financial institutions:

2,650 + in Europe, Middle East and Africa

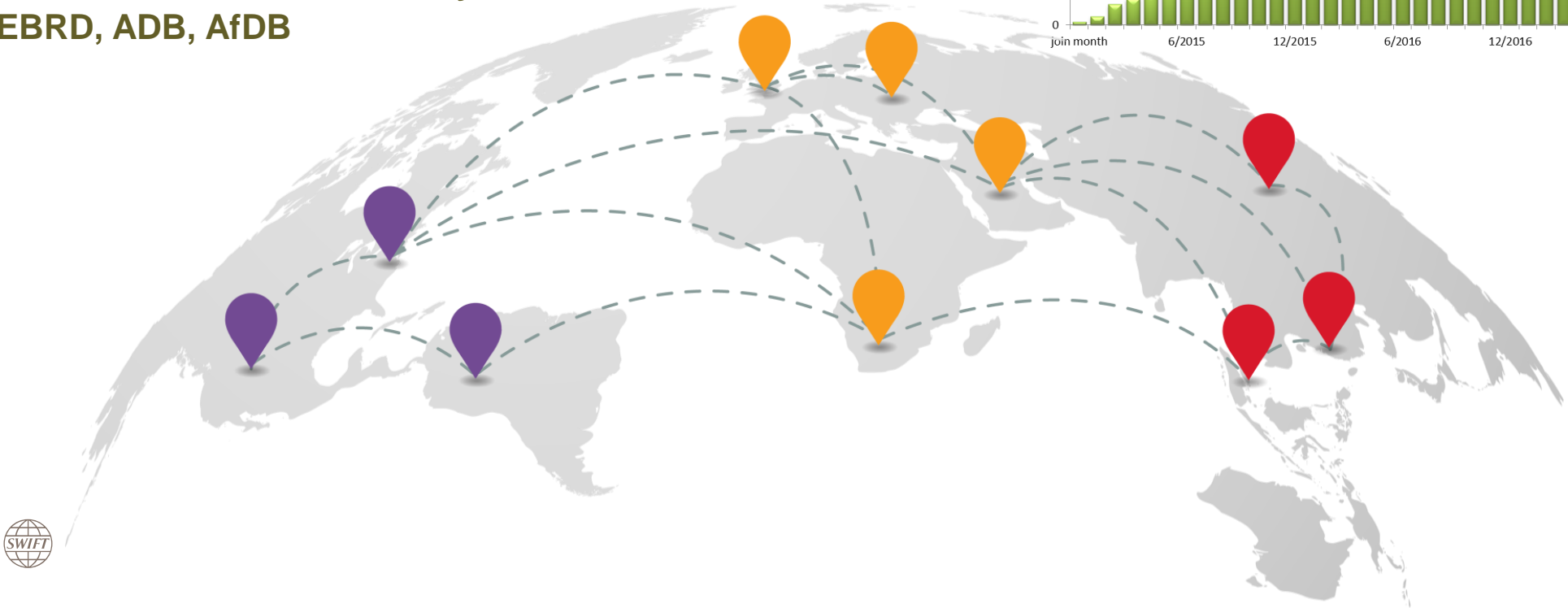
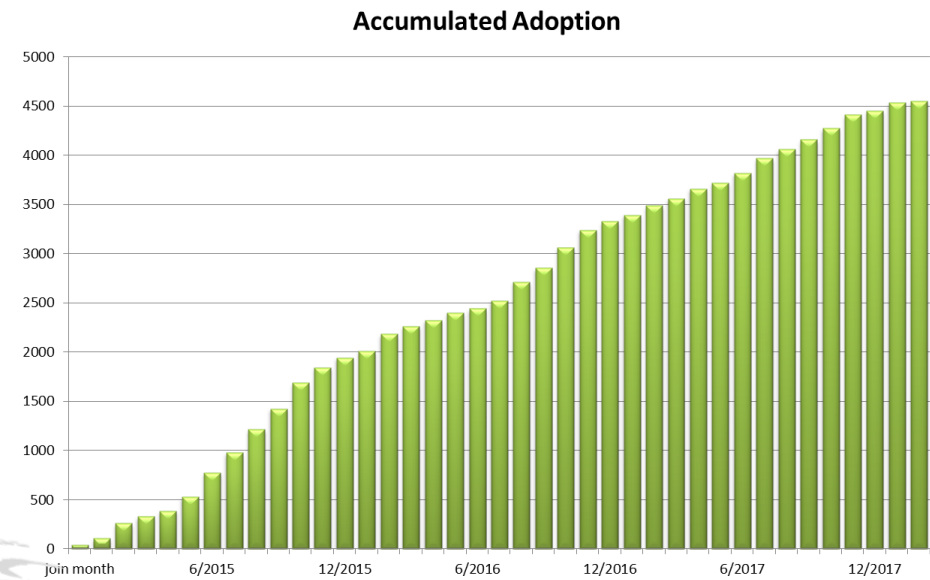
1200 + in Asia Pacific

850 + in the Americas

200 + countries and territories worldwide

64 Central Banks & Monetary Authorities

EBRD, ADB, AfDB



The KYC Registry – The five Pillars of Trust



Confidential, user-control access:

2-Level access granting for:

Basic: CDD KYC data and documents including
2017 Wolfsberg Due Diligence Questionnaire

Extended: Additional information related to enhanced due diligence EDD



Standardized KYC Baseline

Efficient: All KYC data provided by counterparties available
as **electronic data** and in **same format and structure**



Up-to-date information

Current: Time-stamped data and diligent update
requirements. **Any changes to client data are
communicated to all counterparties in real-time**



Data verification by SWIFT

Correct and accurate: All data is time-stamped and verified
and validated by SWIFT compliance professionals



Cooperative business model

Fair: Free upload of own KYC data, free validation and
publication by SWIFT, unlimited number of users
Transparent volume based pricing for consumption and
capped maximum spend



Category	Data field (mix of mandatory, conditional and optional)	Document type
I. Identification of the customer	<ul style="list-style-type: none"> Entity names and addresses (legal name, trading name, registered address, operating address) Other entity names and addresses (local versions, previous names, formation address) Legal form Entity information (SIC, NAICS, number of employees) Contact information (phone, fax, website) Registration information (registration number, registering authority, date of incorporation) Regulatory/supervision information (status, regulatory/supervisory authority, licence information) 	<ul style="list-style-type: none"> Proof of regulation (if applicable) Business licence or official authorisation to conduct financial business (if applicable) Proof of set-up/establishment (if applicable) Extract from registers or proof of existence Certificate of incorporation (if no extract) Certificate of change of name (if change(s) of name within the last 5 years) Proof of address (if not available in other documents) Other
II. Ownership and management structure	<ul style="list-style-type: none"> Ownership type (form of organisation, stock exchange listing) Bearer shares information (if applicable) Shareholding entities – Threshold 10% (names and details) <ul style="list-style-type: none"> Trust & Foundation (address, Settlor, Trustee, beneficiaries, purpose) Ultimate Beneficial Owners – Threshold 10% (names and details) Management structure: Board of Directors, Executive Management, Supervisory Board (names and details) Auditor of annual report Key financial data (revenue, asset size, size of the capital, source of wealth of the business) 	<ul style="list-style-type: none"> Memorandum and/or Articles of Association Ownership structure Documentary proof of shareholding companies Declaration of Ultimate Beneficial Owners List of shareholders Board of directors List of senior/executive management Supervisory/non-executive Board (if applicable) Sharia Board (if applicable) Audited annual report Audited key financial statements (if no annual report) Functional organisational chart Proof of identity of UBOs and key controllers Proof of permanent residence of UBOs and key controllers Documentary evidence of source of wealth Proof of listing of the shareholding entity (if applicable) Proof of custodian's name and address (if applicable) Proof of regulation of the shareholding entity (if applicable) List of authorised signatories Proof of stock exchange trading (if applicable) Other



Category	Data field (mix of mandatory, conditional and optional)	Document type
III. Type of business and client base	<ul style="list-style-type: none"> Type of products and services offered (cash services, correspondent clearing services, downstream/nested correspondent clearing services, payable-through accounts, anonymous accounts, wire transfers, distribution channel) Type of clients (segmentation and %, details about domestic and foreign banks, shell banks, offshore clients, MSB clients, virtual currency exchange, Payment Service Providers, gambling companies, non-accounts customers, Geographical presence Geographical customer base Sanctions (details about current/future presence or activity with countries subject to comprehensive sanctions including exposure) 	<ul style="list-style-type: none"> Other
IV. Compliance	<ul style="list-style-type: none"> Contact details (MLRO, Chief Compliance Officer, AML contact) AML questionnaire including Wolfsberg 2017 Due Diligence questionnaire <ul style="list-style-type: none"> AML & Sanctions programme Anti-Bribery & Corruption (ABC) Policies & Procedures AML & Sanctions Risk Assessment KYC, CDD and EDD Monitoring & Reporting Payments Transparency Sanctions Training & Education Quality Assurance / Compliance Testing Audit 	<ul style="list-style-type: none"> Wolfsberg Group AML Questionnaire 2014 completed or equivalent Wolfsberg Group Due Diligence Questionnaire 2017 Summary of AML policies/procedures or AML laws Detailed AML policies and procedures AML questionnaire of the entity (template) USA Patriot Act Certification completed (if applicable) MiFID questionnaire of the entity (template) Organisational chart of the Compliance department Response to negative statement from the press ISSA Financial Crime Compliance Questionnaire completed Bio of the MLRO Bio of the Chief Compliance Officer Other
V. Tax	<ul style="list-style-type: none"> FATCA (status and classification, GIIN, contact) CRS (status, contact) Tax identification number and tax countries 	<ul style="list-style-type: none"> FATCA form completed (W-8 BEN-E or W-9, W-ECI, W-8IMY or W-8EXP) CRS self-certification form completed Other



TAKE-OUTS!

YOU ARE IN CONTROL

- To access CDD/EDD
- Who access my documentation?
- What I'm notified for?
- News feed

ARAB BANK-SYRIA Head Office / Subsidiary
BIC: _____ Syrian Arab Republic

This entity is not using the KYC Registry

1 **Invite this entity to join**

Notify me when this entity joins

Identification of Customer

Anglicised legal name: ARAB BANK-SYRIA
Trading name: ARAB BANK-SYRIA
Registered address: Al Mahdi bin Barakh street
Damascus
Syrian Arab Republic (SY)

1 **Invite the missing counterparty to join
The KYC Registry**

1 **You will be notified once they join**

1 Invite this entity to join The KYC Registry

Please invite a representative of the institution who can potentially support that the institution joins The KYC Registry

Contact name *

Contact email *

1 Message from SWIFT:

Dear Business Partner,

1 _____ is inviting your institution to join The KYC Registry. _____ is a member of The KYC Registry and prefers to use this platform as a better alternative to the traditional exchange of conventional KYC related data and documents by email or courier.

Membership of The KYC Registry allows your institution to upload its KYC related data and documents onto SWIFT's KYC platform and to share this information with selected business partners at the sole discretion of your institution. Your KYC data and documents will be verified by SWIFT at no cost to your institution and will only be published once you and SWIFT agree that the published data represents a true and fair view of your institution. As a member of The KYC Registry, you may also use the platform to request access to SWIFT-validated KYC data provided by other institutions.

Should you not be involved in the management of your firm's KYC process, we would be grateful if you could pass-on this message to the colleagues in charge.

[Learn more](#) about the The KYC Registry and the benefits your membership can generate for your institution.

To sign-up, please click [here](#).

Message from your counterparty:

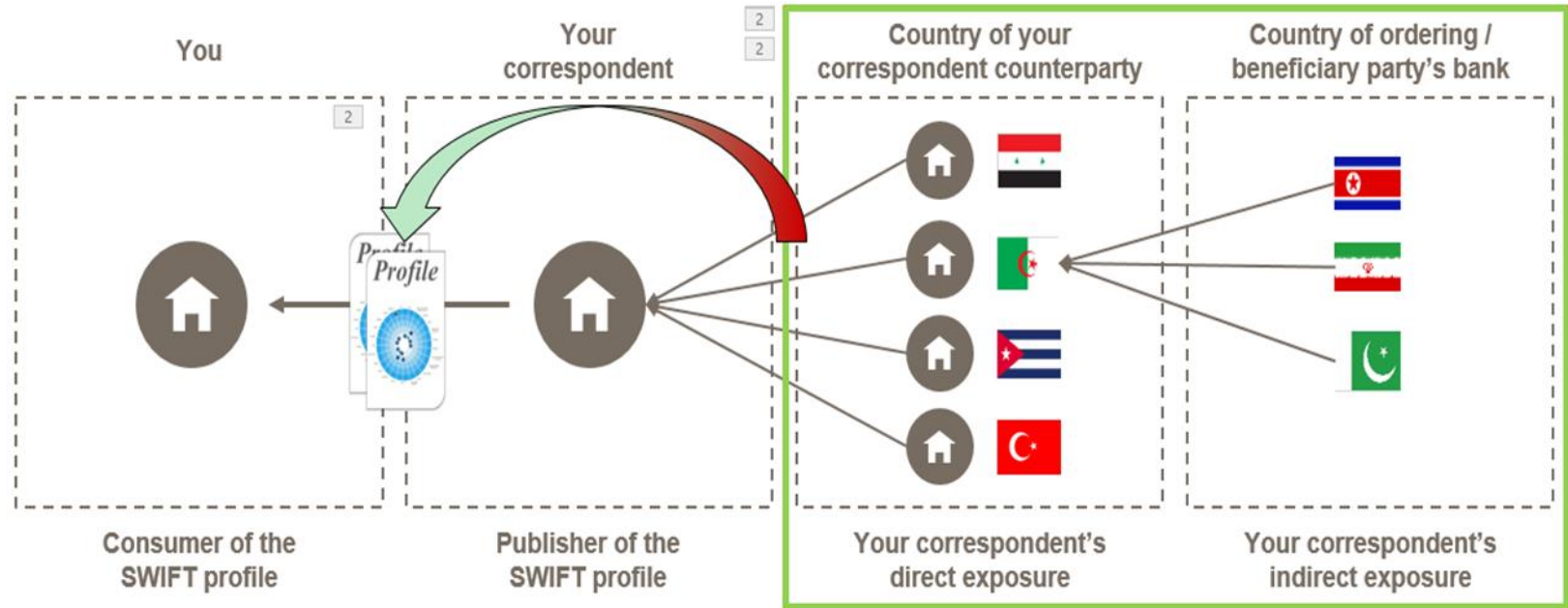


TAKE-OUTS!

TRUSTWORTHY

- ❑ SWIFT reviews all doc against regulatory/public resources & flag the docs
- ❑ Your data is NOT a PUBLIC DOMAIN!
- ❑ English version of Docs
- ❑ Version history
- ❑ Adverse media option
- ❑ SWIFT profile

Add-on: The SWIFT Traffic Profile, addressing 'KYCC'



TAKE-OUTS!

Easy contact & no chasing

- ❑ In-chat messaging
- ❑ No reply to your request- SWIFT is contacting the bank for you

ARAB BANK PLC Head Office / Subsidiary
BIC: ARABJOAXXXX | Location: AMMAN, Jordan

You don't have access to this entity 1 [Send message](#) [Request to contribute](#)

[Browse BIC hierarchy](#)

Legal name:	ARAB BANK PLC
Trading name:	ARAB BANK PLC
Registered address:	Shaker Bin Zeid Street Shmeisani AMMAN 11195 Jordan (JO)

Send message ×

Request to contribute additional data and documents ▾

Select the entity from which you are sending the message

RBOSGB2LXXX - ROYAL BANK OF SCOTLAND PLC - LONDON - United Kingdom - Head Office / Subsidiary ×

Message

Dear business partner, we would kindly ask you to upload your KYC data and documents so that we can request access and perform our KYC on your good bank.]

155/4000

Can 1 [Send](#)

Send a message and explain why you need their data, OR simply click “Request to contribute” if you do not want to add a personal text

You will be informed once data has been provided



TAKE-OUTS!

YOU ARE IN CONTROL

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Easy contact & no chasing

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Done by community for the community

- No limitation for the amount of users and the PCs
- Registration & publication of docs are FREE
- You pay what you consume
- Invoice is capped
- You can fix the price!



FLASH NEWS!

1- You worry it will be time consuming to upload all the documents?

We can prepopulate the information for you (up to 50 %)

2- Do you think it is time consuming to access the banks info 1 per 1?

Try the bulk access request!

3- Do you think KYC will not reduce the time spent on CDD exchanges?

Check out the case study from HSBC- it reduces 72 %

4- You are subscribed but you don't know how to use the registry?

Check SWIFT smart training or we organize one online for you!



Bulk consumption wizards – Bulk Request Step 1

Multi-steps wizards to allow Requester users to request access in bulk

The screenshot shows a web application interface for managing counterparties. At the top, there is a navigation bar with tabs for 'Find KYC data', 'My entities', and 'My counterparties'. The 'My counterparties' tab is active, showing a title 'My counterparties (90)' and a subtitle 'The following list contains the counterparties of your group:'. Below this, there are two tabs: 'Entities' and 'Updates'. To the right, there is a 'Reports' dropdown menu and a dark blue button labeled 'Add a list of new counterparties'. A dashed yellow box highlights a dropdown menu that appears after clicking the button, containing two options: 'Access request wizard >' and 'Access granting wizard >'. Below the main content area, a progress bar shows five steps: 'Baseline', 'My entities', 'Counterparties', 'Validation', and 'Request access'. The 'Baseline' step is currently selected. Below the progress bar, a yellow highlighted box contains the text 'STEP 1: Choose which level of Baseline information you want to REQUEST ACCESS to'. Underneath this, there are two radio button options: 'Basic KYC Profile' and 'Basic & Extended KYC Profile', with the latter being selected.



Bulk consumption wizards – Bulk Request Step 2



STEP 2: Select the entities on behalf of which you want to request Basic & Extended KYC Profile access

Filter:

Entities (1)

BICs ^ (30) (Select all)	Institution ⇅	Country ⇅	City ⇅
<input type="checkbox"/> RBOSAU2SXXX	ROYAL BANK OF SCOTLAND PLC	Australia	SYDNEY
<input type="checkbox"/> RBOSAU2XXX	ROYAL BANK OF SCOTLAND PLC	Australia	SYDNEY
<input type="checkbox"/> RBOSCATTXXX	THE ROYAL BANK OF SCOTLAND PLC CANADA BRANCH	Canada	TORONTO
<input type="checkbox"/> RBOSCHZXXX	THE ROYAL BANK OF SCOTLAND PLC, EDINBURGH, ZURICH BRANCH	Switzerland	ZURICH
<input type="checkbox"/> RBOSDEFFXXX	ROYAL BANK OF SCOTLAND PLC FRANKFURT	Germany	FRANKFURT AM MAIN
<input type="checkbox"/> RBOSFRPPXXX	THE ROYAL BANK OF SCOTLAND PLC PARIS BRANCH	France	PARIS
<input type="checkbox"/> RBOSGB22XXX	THE ROYAL BANK OF SCOTLAND N.V	United Kingdom	LONDON
<input checked="" type="checkbox"/> RBOSGB2LXXX	THE ROYAL BANK OF SCOTLAND PLC	United Kingdom	LONDON
<input type="checkbox"/> RBOSGB2MXXX	THE ROYAL BANK OF SCOTLAND PLC	United Kingdom	MANCHESTER
<input type="checkbox"/> RBOSGB2RXXX	THE ROYAL BANK OF SCOTLAND PLC	United Kingdom	LONDON
<input type="checkbox"/> RBOSGB2SXXX	THE ROYAL BANK OF SCOTLAND PLC	United Kingdom	GLASGOW
<input type="checkbox"/> RBOSGB3LXXX	THE ROYAL BANK OF SCOTLAND PLC	United Kingdom	LONDON
<input type="checkbox"/> RBOSGB55XXX	THE ROYAL BANK OF SCOTLAND PLC	United Kingdom	LONDON
<input type="checkbox"/> RBOSGIGIXXX	NATWEST OFFSHORE LIMITED	Gibraltar	GIBRALTAR

< Previous

Show selected Next >



Bulk consumption wizards – Bulk Request Step 3



STEP 3: Add the list of counterparty BICs you want to request access to

BLICCHGGXXX
BLICKHKHXXX
MIDLGB22XXX
ARABESMMXXX;
ARABITRRXXX,
HSBCMOMXXXX
BKCHJPJT
BKCHKRSEXXX/
;BKHCATTXXX
SARBZAJ4XXX
SARBZAJ5XXX
Thisisatest
BLICCHGGXXX
BLICKHKHXXX
MIDLGB22XXX
ARABESMMXXX;
ARABITRRXXX,
HSBCMOMXXXX
BKCHJPJT
BKCHKRSEXXX/
;BKHCATTXXX
SARBZAJ4XXX
SARBZAJ5XXXBLICCH
GGXXX
BLICKHKHXXX

Instructions

- You can add BICs manually, or you can copy and paste out of any other application
- BIC8 and BIC11 are both accepted
- Make sure every BIC is on a new line



Bulk consumption wizards – Bulk Request Step 4



2 counterparty BIC(s) have been excluded from the access granting:

▶ 1 duplicate counterparty BIC(s) found

▼ 1 non-recognized / invalid counterparty BIC(s)

ABCDEFGHIJKLMNOR (Invalid BIC)

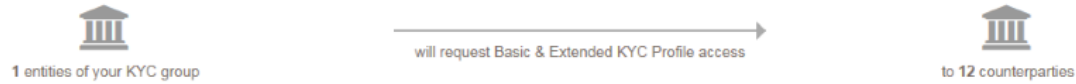


Bulk consumption wizards – Bulk Request Step 5



STEP 5: Request access

Please review the summary below and click "Request access" to finalize the process



My entities:	Requesting access to 11 out of 12 counterparties	
RBOSGB2LXXX ROYAL BANK OF SCOTLAND PLC	ARABESMMXXX EUROPE ARAB BANK, PLC-SUCURSAL EN ESPANA	Will request access to Basic & Extended KYC Profile
	ARABITRXXX EUROPE ARAB BANK PLC-MILAN BRANCH	Will request access to Basic & Extended KYC Profile
	BKCHCATTXXX BANK OF CHINA (CANADA)	Will request access to Basic & Extended KYC Profile once data is published
	BKCHJPJTXXX BANK OF CHINA	Will request access to Basic & Extended KYC Profile once data is published
	BKCHKRSEXXX BANK OF CHINA SEOUL BRANCH	Will request access to Basic & Extended KYC Profile
	BLICCHGGXXX <small>Non-subscribed</small> HSBC PRIVATE BANK (SUISSE) SA	Will request access to Basic & Extended KYC Profile once data is published
	BLICKHKHXXX <small>Non-subscribed</small> HSBC PRIVATE BANK (SUISSE) SA	Will request access to Basic & Extended KYC Profile once data is published

[← Previous](#)

[Request access](#)





Sanctions Screening

❖ *How do you filter your transactions?*





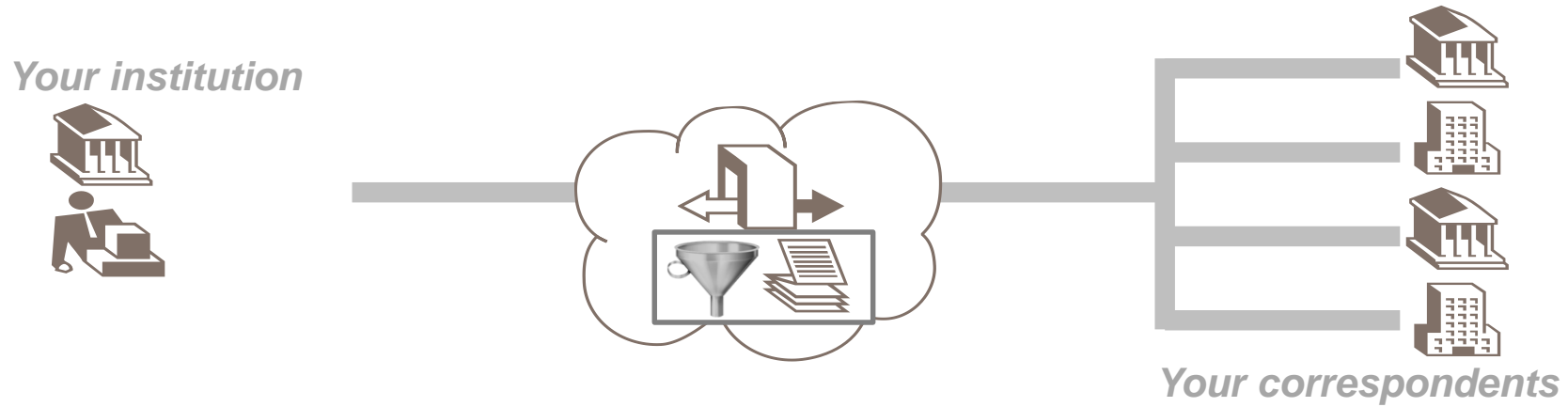
**32
central
banks**

**950+
Clients**

**200+
countries**



Sanctions screening over SWIFT



- Screening engine & user interface
- Centrally hosted and operated by SWIFT
- No local software installation & integration
- Real-time
- Sanctions List update service

Public Sanctions lists available

45

Public
sanctions lists
updated
by SWIFT daily

Private lists &
Good-guys lists
managed
by the users

AND

4 Research-based
ownership lists

SWIFT-FCC-2018_update

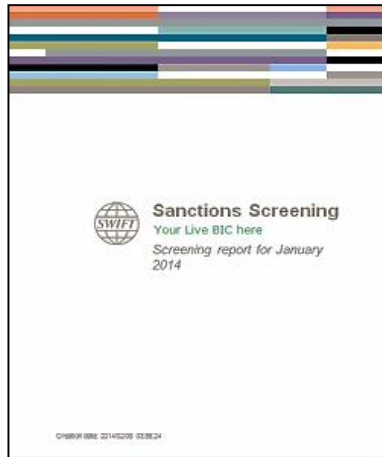


Country	Description
Australia	Department of Foreign Affairs and Trade (DFAT)
	DFAT Autonomous list
	DFAT Country Embargoes
Canada	Office of the Superintendent of F.I. (OSFI)
	OSFI - United Nations Act Sanctions
	Department of Foreign Affairs and Trade (DFAIT)
	DFAIT Countries Embargoes
European Union	European Official Journal
	EU Countries Embargoes
	EU Ukraine Restrictive Measures
France	Journal Officiel français
Hong Kong	Hong Kong Monetary Authority (HKMA)
	HKMA Countries Embargoes
Japan	Ministry of Finance
	Special Measures
Netherlands	Frozen Assets List - Dutch Government
New Zealand	New Zealand Police
China	Ministry of Public Security of the PRC
Ukraine	State Financial Monitoring Service of Ukraine
	National Security and Defense Council

Country	Description
Norway	Ministry of Foreign Affairs (MFA) list
	MFA United Nations list
	MFA Countries Embargoes
Singapore	Monetary Authority of Singapore - Investor Alert List
	Terrorism (Suppression of Financing) Act
Switzerland	Secrétariat d'Etat à l'Economie
	SECO Countries Embargoes
United Kingdom	Her Majesty's Treasury
	HMT Countries Embargoes
	HMT Ukraine Restrictive Measures
United Nations	United Nations
	UN Countries Embargoes
United States of America	Financial Crimes Enforcement Network (FINCEN)
	OFAC Specially Designated Nationals
	OFAC Embargoed Countries
	OFAC non-Specially Designated Nationals, including: <ul style="list-style-type: none"> • OFAC Palestinian Legislative Council • OFAC Part 561 • OFAC Foreign Sanctions Evaders • OFAC Sectoral Sanctions Identifications • OFAC Non-SDN Iranian Sanctions Act

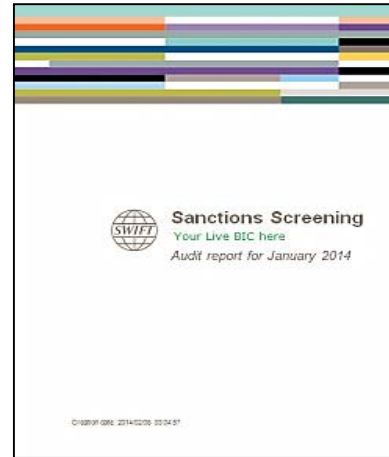
Report tools:

Screening Report



- Copy of each alerted transaction
- Hit details
- Final status
- Monthly (to be saved and stored)
- rtf & XML format

Audit Report:



- Audit log of all transactions screened
- Audit log of all operators activity and decisions
- Comments
- Monthly and weekly (since July 2016)
- Rtf format

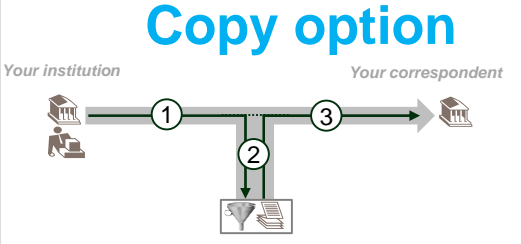
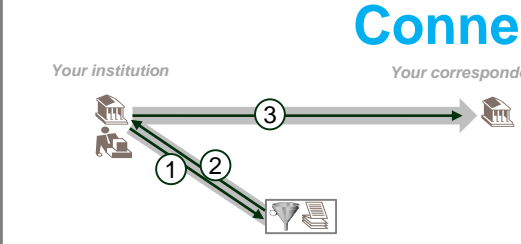
Quality assurance Report



- Annual quality assurance checks on effectiveness of the service
- Verifies that lists used mirror regulatory sources
- Measures exact and fuzzy matching capabilities
- Provides details on filter configuration and related impact
- Upon request



Sanctions Screening : Implementation options

	 <p>Copy option</p> <p><i>Transparent routing of FIN transactions to the service using FIN-Copy</i></p>	 <p>Connectors option</p> <p><i>Query/response of all transaction types through API call to the service</i> <i>Screen or Screen and Send mode</i></p>
Timeframe <small>Time to compliance</small>	Few weeks for prod One month min	Few Months
Footprint <small>Installation & integration</small>	Zero*	Limited (SIL and BO integration) Limited (IPLA in SAA)
Flexibility <small>Granularity on what is filtered</small>	Limited	Unlimited (folder based configuration) Unlimited (routing inherited from SAA)
Scope <small>Transactions Screened</small>	All cat beside cat8	All SWIFT transaction types* SEPA messages and any formats**



*Except MT 0xx



Name Screening with Sanctions & PEPs




Introducing...

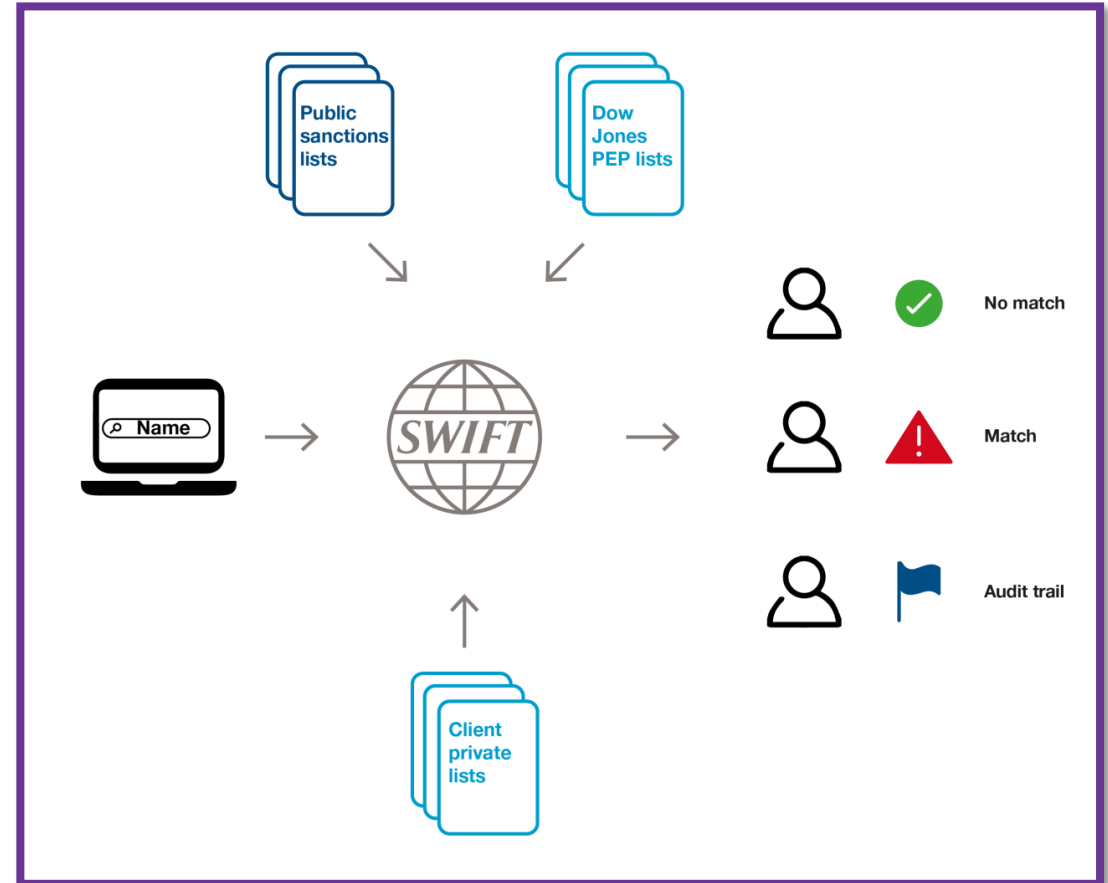
SWIFT's Name Screening Service

Single name & Batch Screening

- Simply screen databases of **individuals & companies**
- Built-in Workflow, Audit

Understand The Risk:
Sanctions
Sanctions Ownership Research
Politically Exposed Persons
Relatives & Close Associates

In partnership with:
 | **DOW JONES**



SWIFT Name Screening Service

Single Name and Batch Screening

List Scope Detail

	Lists	Details
Dow Jones Lists	Politically Exposed Persons <ul style="list-style-type: none"> • PEP - Level 1 International Political: • PEP - Level 2 International Non Political • PEP - Level 3 National • PEP - Level 4 Other 	<ul style="list-style-type: none"> • 23 Job Categories Unique to Dow Jones • Coverage Guided by international regulation & guidance since 2002 • 7 of the 13 members of the Wolfsberg Group use these DJ PEP lists • Active & Inactive PEPs
	Relatives and close Associate <ul style="list-style-type: none"> • RCA – Level 1 • RCA – Level 2 • RCA – Level 3 • RCA – Level 4 	<ul style="list-style-type: none"> • PEP links to RCAs can expose significant risk • Primary focus for DJ's market leading coverage • 40 categories of relatives and close associates
	Sanctions Ownership Research <ul style="list-style-type: none"> • OFAC Ukraine-related enrichments - Majority owned • OFAC other programs-related enrichments - Majority owned • OFAC Ukraine-related enrichments - Minority owned • OFAC other programs-related enrichments - Minority owned • OFAC all programs-related enrichments - all programs-related enrichments - Former • EU Majority and Affiliation Ukraine-related enrichments - Majority owned • EU Majority and Affiliation other programs-related enrichments - Majority owned • EU Majority and Affiliation Ukraine-related enrichments - Minority owned • EU Majority and Affiliation other programs-related enrichments - Minority owned • EU Majority and Affiliation all programs-related enrichments - Former 	<ul style="list-style-type: none"> • All companies sanctioned by the OFAC and EU Sanction programs in which a sanctions target (e.g. designated by the U.S., the U.K. or EU sanctions program) <u>owns a minimum stake of 10% of the company</u> or where an explicitly named sanctioned individual has <u>a possible controlling interest</u> (either as a member of the board or as a senior executive). • Over 10,000 entities identified in more than 80 countries



Politically Exposed Persons
Relatives & Close Associates
Sanctions Ownership

Other Official Lists (e.g. FBI)*
Adverse Media*






* Coming Soon

Private Lists

- Managed by the client
- Multiple lists each with 10,000 entities (i.e. 1 list per Business Unit)

Sanctions Lists by SWIFT

- Monitored
- Validated
- Enriched
- Standardised



SWIFT Name Screening Service

Single Name and Batch Screening

List Scope Detail

		Lists
Sanctions Lists	US	<ul style="list-style-type: none"> • Office of Foreign Asset Control – SDN • OFAC Non-SDN <ul style="list-style-type: none"> •OFAC non-SDN / PLC •OFAC non-SDN / part 561 •OFAC non-SDN / FSE •OFAC non-SDN / SSI •OFAC non-SDN / NS-ISA • Financial Crime Enforcement Network
	CA	<ul style="list-style-type: none"> • Office of the Superintendent of Financial Institutions - United Nations Resolution on Iran: <ul style="list-style-type: none"> •OSFI – United Nations Act sanctions – Individuals •OSFI – United Nations Act sanctions – Entities • Office of the Superintendent of Financial Institutions: <ul style="list-style-type: none"> •OSFI – Individuals •SFI – Entities
	UN	<ul style="list-style-type: none"> • United Nations
	EMEA	<ul style="list-style-type: none"> • European Official Journal XML • EU Ukraine restrictive measures • Her Majesty's Treasury (GB HMT) • HMT Ukraine restrictive measures (GB HMT) • Secretariat d'Etat à l'Economie (CH SECO) • Journal Officiel Francais • State Financial Monitoring Service of Ukraine • Government of the Netherlands - National terrorism list (Frozen asset list)* • Norway Ministry of Foreign Affairs - United Sanctions Resolutions* • Norway Ministry of Foreign Affairs *
	APAC	<ul style="list-style-type: none"> • Australian Government - Department of Foreign Affairs and Trade sanctions list • Hong Kong Monetary Authority • Monetary Authority of Singapore - Investor Alert List • Monetary Authority of Singapore – Terrorism (suppression of Financing) Act • New Zealand Police

 **DOW JONES**

Politically Exposed Persons
 Relatives & Close Associates
 Sanctions Ownership

Other Official Lists (e.g. FBI)*
 Adverse Media*


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* Coming Q1 2018



SWIFT Name Screening Service

Single Name and Batch Screening



Your institution private lists

Multiple lists each with 10,000 entities

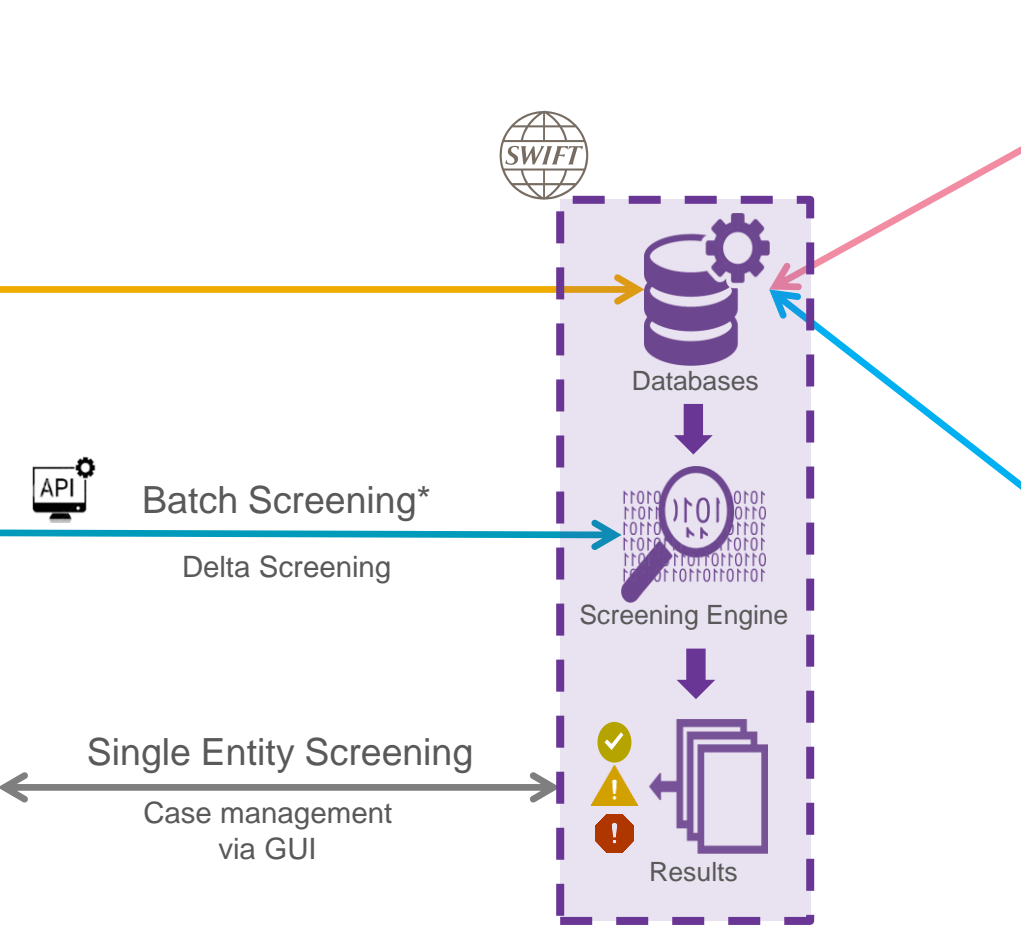
Client Databases

Corporate Customers

Retail Customers

User(s) Interface authenticated via Secure Tokens

Level 1 Level 2



DOW JONES

Lists of:

- Politically Exposed Persons
- Relatives & Close Associates
- Sanctions Ownership

Other Official Lists (e.g. FBI)*

Adverse Media*

* Coming Soon

Sanctions Lists by SWIFT

- Monitored
- Validated
- Enriched
- Standardised

Including:






Timeframe Time to compliance	Few weeks
Footprint Installation and Integration	Zero
Scope Formats screened	SWIFT Predefined Format
System performance Batch volume limitation	Up to 25 million records

*ComQ1 2018, up to 10 Millions records

SWIFT Name Screening Service Configuration

Branch A



Business Unit 1



Level 1 Level 2

Screening Group 1



Branch A
Retail
Customers

Screening Configuration

- Lists
- Match Elimination
- Thresholds

Branch B



Business Unit 2



Level 1 Level 2

Screening Group 2



Branch B
Retail
Customers

Screening Configuration

- Lists
- Match Elimination
- Thresholds

Business Unit 3



Level 1 Level 2

Screening Group 3



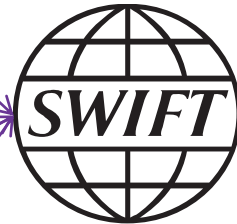
Branch B
Retail
Customers




Branch B
Corporate
UBOs

Screening Configuration

- Lists
- Match Elimination
- Thresholds



SWIFT Secure Connection



Screening results

- ✓
- ✗
- ✓

SWIFT Name Screening Service



Enter name

Screen name

Check results

Investigate alert

Keep track

Name screening

Screening configuration

DEMO - Default

Company

Company name *

Bank Mellat

11/256

Registration

dd mm yyyy

ARMENIA

Comment

Reset Screen

To start screening, fill the fields with all the available information. More information will improve your screening results.

Last 10 name screening requests in your institution

Full name	Type	Comment	Created on	Requested by
ossama ben laden	Individual		21 Sep 2016 11:41	demo user 01
margareth siuanoy	Individual		21 Sep 2016 11:40	demo user 01
Robert Mugabe	Individual		21 Sep 2016 11:38	demo user 01
bin laden	Individual		21 Sep 2016 11:37	demo user 01
saddam hussein	Individual		21 Sep 2016 11:37	demo user 01
silvio berlusconi	Individual		21 Sep 2016 11:37	demo user 01
dominique strauss kahn	Individual		21 Sep 2016 11:36	demo user 01
Robert Mugabe	Individual		21 Sep 2016 11:26	demo user 01
Muwafaq Mustafa Mohammed Ali;	Individual		21 Sep 2016 11:25	demo user 01
Abbasi Dovani	Individual		21 Sep 2016 11:25	demo user 01

See all previous requests

Citizenship

Comment

Ownership structure of Stone Comany Ltd

52/256

Enter name

Screen name

Check results

Investigate alert

Keep track

Name screening

Screening configuration

DEMO - Default

Individual

Name

Lauren

Nkunda Bwatare



Lauren Nkunda Bwatare

21/256

Gender

Male Female Unknown

Birth

03 02 1967

CONGO, THE DEMOCRATIC REPUB

City

Place of residence

RWANDA

City

Address

Citizenship

Comment

Ownership structure of Stone Comany Ltd

52/256

4 potential matches on your screening input

Create SANCTIONS alert

Create PEP alert

1. LAURENT NKUNDA UN Security Council (SANCTIONS) - Profile 6908013 Mismatched: Gender Score: 95

Type	Quality	First name	Last name	Full name
PRIMARY		LAURENT	NKUNDA	
AKA	STRONG			Laurent Nkunda Bwatare

Show all 9 names

Birth:	Rutshuru North Kivu DRC
	06 Feb 1967
	02 Feb 1967
Gender:	Male MISMATCHED
Nationality:	Congolese
Remarks:	Former RCD-G General. Founder, National Congress for the People's Defense, 2006; Senior Officer, Rally for Congolese Democracy-Goma (RCD-G), 1998-2006 ... show more

2. Laurent Nkunda Mihigo European Official Journal (SANCTIONS) - Profile 3192 Mismatched: Gender Score: 95

3. Laurent Nkunda Dow Jones Politically Exposed Persons - Level 4 Other - Active (PEP) - Profile 654893 Mismatched: Gender, Date of birth Score: 95

4. Laurent NKUNDA Her Majesty's Treasury (SANCTIONS) - Profile 8710 Score: 95

Enter name

Screen name

Check results

Investigate alert

Keep track

Alert manager

All alerts 294

Assigned to me 17

Shared views

Domestic - Wealthy 2

PEP only 11

Sanctions only 29

Personal views

Personal view #1 11

Personal view #2 29

[Manage your views](#)

You modified the 'Sanction only' view

[Reset view](#) | [Update view](#) | [Create new view](#)

29 of 294 alerts are shown

[Comment](#)

[Assign to ...](#)

[Assign to me](#)

[Sorting](#)

[Manage filters](#)

[Manage columns](#)

[Save current view](#)

Alert ID	Type	Alert type	# matches	State	Name	Best match score	Best match list name	Created on	Business unit
1007487	Company	SANCTIONS	3	Open	mellat bank	99	US-OFAC-SDN	19 Sep 2016 22:22	DEMO
1007485	Company	SANCTIONS	3	Open	cimex	99	US-OFAC-SDN	19 Sep 2016 22:05	DEMO
1007484	Company	SANCTIONS	3	Open	cimex	99	US-OFAC-SDN	19 Sep 2016 22:04	DEMO
1007482	Company	SANCTIONS	14	Open	AL-AQSA	99	US-OFAC-SDN	19 Sep 2016 21:51	DEMO
1007480	Individual	SANCTIONS	1	Proposed False Positive	laurencea nkundaa bwatarea	82	DJ-PEP-L4-OTHER-A	19 Sep 2016 19:59	DEMO
1007479	Individual	SANCTIONS	1	Open	laurencea nkundaa bwatarea	82	DJ-PEP-L4-OTHER-A	19 Sep 2016 19:58	DEMO
1007271	Individual	SANCTIONS	1	Open	Laurente nknudaa	81	DJ-PEP-L4-OTHER-A	19 Sep 2016 19:58	DEMO
1007328	Company	SANCTIONS	13	L1 Investigate	AL-AQSA	99	US-OFAC-SDN	19 Sep 2016 18:06	DEMO
1007326	Individual	SANCTIONS	1	Open	AL-ARORI Salih	83	DJ-PEP-L1-INTL-POL-A	19 Sep 2016 17:14	DEMO
1007327	Individual	SANCTIONS	1	Open	AL-ARORI Salih	99	US-OFAC-SDN	19 Sep 2016 17:13	DEMO
1007325	Individual	SANCTIONS	2	Open	AL-ARMANAZI, Amr Muhammad Najib	99	EU-CSFP	19 Sep 2016 17:12	DEMO
1007324	Company	SANCTIONS	13	Open	AL-AQSA	99	US-OFAC-SDN	19 Sep 2016 17:11	DEMO
1007323	Individual	SANCTIONS	3	True Match	lauren nkunda bwatarea	95	UN-SC	19 Sep 2016 16:57	DEMO
1007319	Individual	SANCTIONS	1	Open	laurencea nkundaa bwatarea	82	DJ-PEP-L4-OTHER-A	19 Sep 2016 16:51	DEMO
1007318	Individual	SANCTIONS	1	Open	Juozas Gudaitis	99	DJ-PEP-L1-INTL-POL-I	19 Sep 2016 16:50	DEMO
1007285	Individual	SANCTIONS	1	False Positive	laurencea nkundaa bwatarea	82	DJ-PEP-L4-OTHER-A	19 Sep 2016 16:50	DEMO
1007316	Individual	SANCTIONS	641	Open	Abdul Rehman	99	DJ-PEP-L1-INTL-POL-I	19 Sep 2016 16:50	DEMO
1007317	Individual	SANCTIONS	36	Open	Abdul Rehman	99	EU-CSFP	19 Sep 2016 16:50	DEMO
1007315	Company	SANCTIONS	3	Open	Mellat bank	99	US-OFAC-SDN	19 Sep 2016 16:49	DEMO
1007313	Individual	SANCTIONS	2	Open	Robert mugabe	99	DJ-PEP-L1-INTL-POL-A	19 Sep 2016 16:48	DEMO



Alert manager

[Back to overview / All alerts \(17\)](#)Abdul Rehman
Alert 1000054 - SANCTIONS [Open](#)Abdul Rehman Eylenbosch
Alert 1000053 - PEP [L1 Investigate](#)saddham hussein
Alert 1000012 - SANCTIONS [False Positive](#)john cribbin
Alert 1000006 - PEP [Open](#)john cribbin
Alert 1000002 - PEP [Open](#)

Abu-Ali Al-Hakim

[Propose true match](#)[L1 Investigate](#)[Propose false positive](#)[◀](#) [▶](#)

Type	Full name	Gender	Birth	Place of residence	Citizenship
Individual	Abu-Ali Al-Hakim	Female	7 Sep 1975, YEMEN	YEMEN, Sana'a, Sabaeans Str. 8732	ZIMBABWE

INPUT / RESULTS

4 matches for your screening input

Type	Quality	First name	Second name	Last name	Score
1. Abdullah Yahya AL HAKIM					99 ▲
GB-HMT (SANCTIONS) - Profile 13190					
PRIMARY		Abdullah	Yahya	AL HAKIM	
AKA		Abu-Ali		AL-HAKIM	
Show all 6 names					
Address:	Dahyan Sa'dah Governorate Yemen				
Birth:	± 1986 ± 1984 ± 1985 Dahyan, Yemen Sa'dah Governorate Show less				
Nationality:	Yemen				
Designation:	Huthi group second-in-command				
Remarks:	Gender: male. Date of UN designation: 7.11.2014. As of early September 2014, Abdullah Yahya al Hakim remained in Sana'a.				
2. ABDULLAH YAHYA AL HAKIM					99 ▲
UN-SC (SANCTIONS) - Profile 6908435 Mismatched: Gender					
3. Abdullah Yahya al Hakim					99 ▲
US-OFAC-SDN (SANCTIONS) - Profile 17386 Mismatched: Gender, Date of birth					
4. Abdallah al-Mu'ayyad					99 ▲
EU-CSFP (SANCTIONS) - Profile 7540					

Alert ID	1004416
Alert type	SANCTIONS
State	Open
Created on	13 Sep 2016 11:05
Business unit	DEMO
Last update	13 Sep 2016 11:05
Alert workflow	Escalation Workflow

Comments [+ Add new comment](#)

demo user 01 21 Sep 2016 10:22
Mismatched gender but seems to be a match regardless. Can you please double check?

demo user 01 21 Sep 2016 10:21
Seems the comparison in the parameters.

Activity Log

demo user 01 21 Sep 2016 10:22
Added a comment

demo user 01 21 Sep 2016 10:21
Added a comment

SYSTEM 20 Sep 2016 15:55
New state: Open

Related alert

PEP	13 Sep 2016	Open
-----	-------------	----------------------



Fraud Prevention

Detect | Prevent | Validate

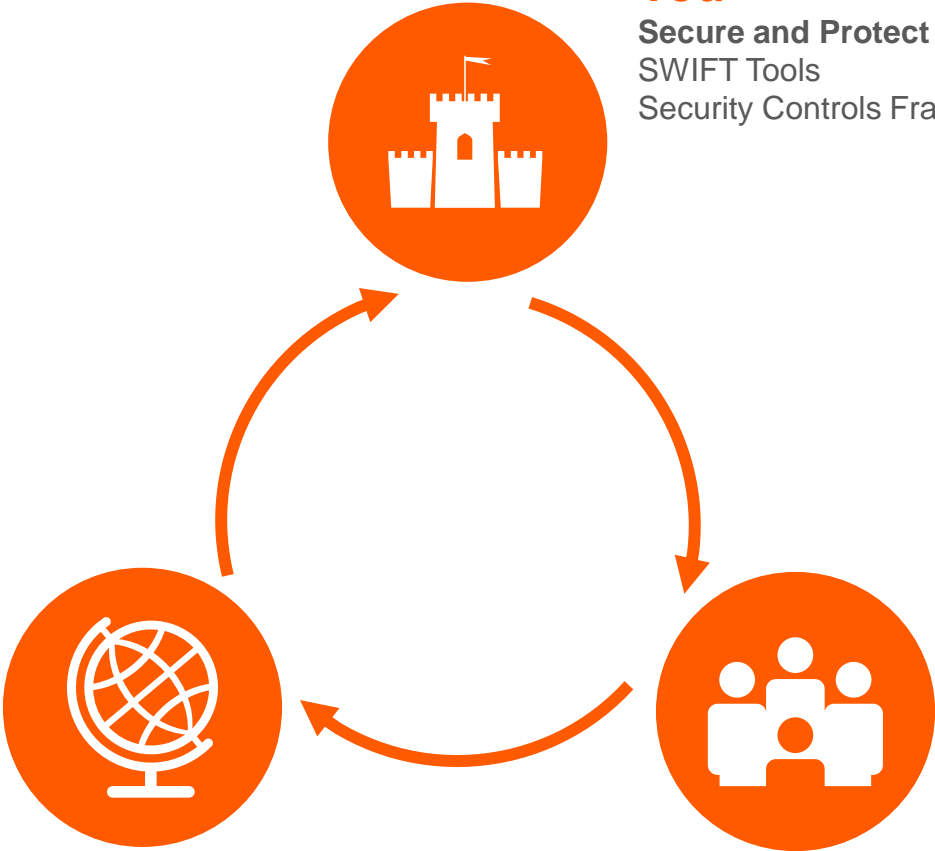
2018

SWIFT's Customer Security Programme

Customer Security Programme (CSP)

Launched in May 2016, the CSP supports all customer segments in reinforcing the security of their local SWIFT-related infrastructure

Your Community
Share and Prepare
Intelligence Sharing
SWIFT ISAC Portal



You
Secure and Protect
SWIFT Tools
Security Controls Framework

Your Counterparts
Prevent and Detect
Transaction Pattern
Detection –
RMA, DVR and 'In Flight'
Payment Controls



The attacks on SWIFT customers have all followed the same Modus Operandi

- Attackers are **well-organised and sophisticated**
- There is (still) **no evidence** that SWIFT's network, core messaging services or OPCs have been compromised
- All **Indicator of compromise details** are published on the SWIFT Information Sharing and Analysis Centers (ISAC) portal

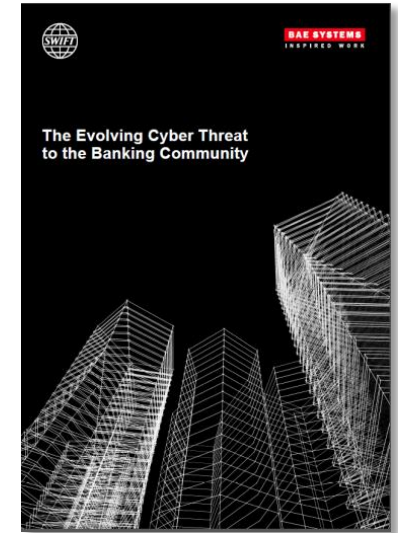


- **Malware** injected by e-mail phishing, USB device, rogue URL or insider
- Long **reconnaissance** period monitoring banks' back office processes

- Keylogging / screenshot malware looking for **valid account ID and password** credentials

- Attacker impersonate the operator / approver and submits **fraudulent payment instructions**
- May happen outside the normal bank working hours / over public holiday

- Gain time** by:
- Deleting or manipulating records / log used in reconciliation
 - Wiping Master Boot Record



| Challenges the industry faces

Insider fraud: where back-office compromise allows fraudulent payments to be sent.

Without adequate controls banks face:

**Fraud
Risks**

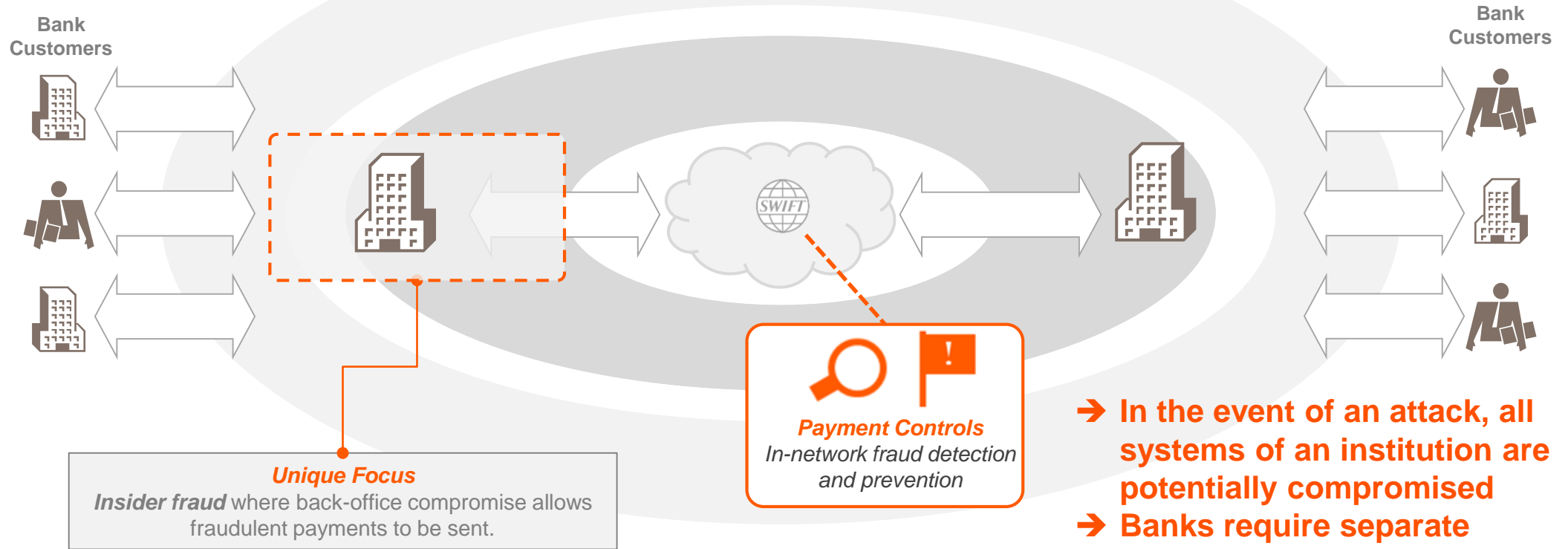
**Reputational
Risks**

**Loss of
Trust**



New type of fraud

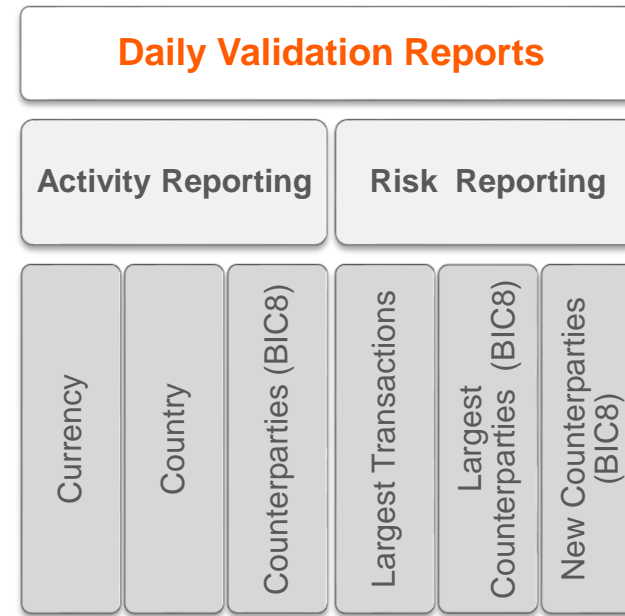
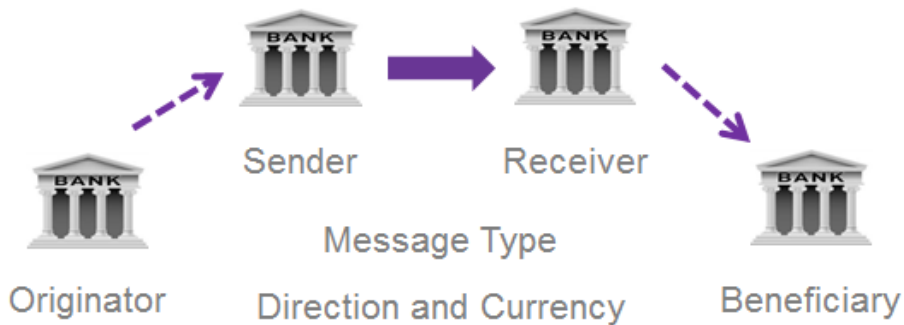
Fraud is increasingly sophisticated and patterns are changing – moving from data theft to payment fraud
“Financial institutions and payment infrastructures are the new targets” *



REPORTING MODULE: Daily Validation Reports

Activity Reporting – reports aggregate daily activity by message type, currency, country and counterparties with daily volume and value totals, maximum value of single transactions and comparisons to daily volume and value averages

Risk Reporting - highlights large or unusual message flows based on ordered lists for largest single transactions and largest aggregate transactions for counterparties, and a report on new combinations of counterparties to identify new relationships



New Counterparties Reporting -

highlights any new combinations of direct and indirect counterparties. Makes it easy to identify new payment relationships that may be indicative of risk, and helps you quickly understand the values and volumes of the transactions involved



Daily Validation Reports - Homepage



Daily Validation Reports

Documentation & Support

DEMOGBXX 30 Nov 2016

Validate you daily
inbound or outbound
traffic

Activity Reports

View aggregate daily activity, maximum value of single transactions and comparison to daily averages

[View your outbound activity >>](#)

Message type	Messages sent	Average amount sent (converted)	USD
MT103	2,009	372,823,991.20	
MT202	1,215	58,647,655,890.27	
MT202C	312	20,515,310.80	

[View your inbound activity >>](#)

Message type	Messages received	Amount received (converted)	USD
MT103	1,834	300,709,597.31	
MT202	530	22,484,895,559.08	
MT202C	134	2,793,031.03	

Risk Reports

Highlight large or uncharacteristic payments flow and identify new relationship combinations

[View your outbound risk >>](#)

Message type	Currency	Largest transaction sent	58 new relationships
MT103	SGD	739,424,841.75	
MT202	SGD	44,653,129,171.48	
MT202C	DKK	22,924,859.17	

[View your inbound risk >>](#)

Message type	Currency	Largest transaction received	41 new relationships
MT103	SGD	158,142,384.34	
MT202	SGD	22,061,577,176.42	
MT202C	DKK	8,294,917.02	



Daily Validation Reports - Simple, standard, easily understood and powerful reporting

User selectable report views

The screenshot displays a software interface for generating daily validation reports. At the top, there are dropdown menus for 'Currency', 'Country', and 'Counterparties'. Below these is a 'FILTER' section with a list of filterable fields: Counterparties, Currency (24), Message type (5), Originating BIC8 (14), My Entites (BIC8) (6), Counterparty (BIC8) (...), Beneficiary BIC8 (132), and Date (1 of 7). The main area is a table titled 'Activity Report - Counterparties'. The table has 17 columns: Date, Message type, Originating BIC8, My Entites (BIC8), Counterparty (BIC8), Beneficiary BIC8, Currency, Number of transactions, Avg daily Transactions, Avg Transactions Comparison (%), Net Amount (conv. USD), Avg Daily Amount (conv USD), Avg Amount Comparison (conv USD) (%), Largest Transaction (conv USD), Net Amount, and Largest Transaction. The table contains 18 rows of data for the date 20160729. Three callout boxes are present: one pointing to the filter section, one pointing to the table columns, and one pointing to the table rows.

Date	Message type	Originating BIC8	My Entites (BIC8)	Counterparty (BIC8)	Beneficiary BIC8	Currency	Number of transactions	Avg daily Transactions	Avg Transactions Comparison (%)	Net Amount (conv. USD)	Avg Daily Amount (conv USD)	Avg Amount Comparison (conv USD) (%)	Largest Transaction (conv USD)	Net Amount	Largest Transaction
20160729	MT103	Empty Field	BANKKYXX	CORRUSXX	Free Format	USD	97	85	34.06%	35,210,078	11,492,223	285.45%	26,514,000	35,210,078	26,296,299
20160729	MT103	Empty Field	BANKKYXX	CORRUSXX	BENEBEXX	USD	2	1	60.00%	20,176,777	5,197,169	292.76%	20,000,000	20,176,777	20,000,000
20160729	MT103	Empty Field	BANKKYXX	CORRUSXX	BENEUSXX	USD	16	109	112.32%	20,973,998	38,902,454	-10.58%	13,428,533	20,973,998	134,645,723
20160729	MT103	Empty Field	BANKNLXX	CORRNLXX	BENENLXX	EUR	1		0.00%	11,075,500	11,075,500	0.00%	11,075,500	10,000,000	10,000,000
20160729	MT103	Empty Field	BANKNLXX	CORRUSXX	BENEUSXX	USD	8			3,252,982	754,733	331.01%	3,000,000	3,252,982	3,000,000
20160729	MT103	ORIGNLXX	BANKNLXX	CORRNLXX	BENENLXX	EUR								44,220,006	
20160729	MT103	Empty Field	BANKKYXX	CORRUSXX	BENEBGXX	USD								3,823,665	
20160729	MT103	Empty Field	BANKKYXX	CORRUSXX	BENEJEXX	USD								2,022,051	
20160729	MT103	Empty Field	BANKKYXX	CORRUSXX	BENELUXX	USD								1,826,692	
20160729	MT103	Empty Field	BANKBMXX	CORRUSXX	Free Format	USD	39	127	-69.36%	3,791,833	20,179,997	-81.21%	1,763,730	3,791,833	50,000,000
20160729	MT103	Empty Field	BANKKYXX	CORRUSXX	BENECHXX	USD	5	3	86.67%	1,190,128	2,166,655	202.86%	1,023,715	1,190,128	6,600,000
20160729	MT103	Empty Field	BANKKYXX	CORRUSXX	BENESEXX	USD							883,883	883,883	883,883
20160729	MT103	Empty Field	BANKKYXX	CORRUSXX	Free Format	USD							763,037	1,385,064	10,253,475
20160729	MT103	Empty Field	BANKKYXX	CORRUSXX	Free Format	USD							676,046	1,612,095	35,781,521
20160729	MT103	Empty Field	BANKKYXX	CORRUSXX	BENECAXX	USD	15	16	-52.00%	1,017,835	987,332	-45.67%	663,000	1,017,835	3,654,777
20160729	MT103	Empty Field	BANKNLXX	CORRNLXX	BENEH0XX	EUR	1	1	0.00%	600,015	896,745	-33.09%	600,015	541,750	1,083,500
20160729	MT103	ORIGNLXX	BANKNLXX	CORRNBXX	BENENLXX	EUR	1	1	0.00%	553,775	553,775	0.00%	553,775	500,000	500,000
20160729	MT103	Empty Field	BANKGGXX	CORRUSXX	BENECHXX	USD	49	10	383.10%	2,382,525	503,139	373.53%	544,291	2,382,525	544,291
20160729	MT103	Empty Field	BANKGGXX	CORRUSXX	BENEUSXX	USD	7	4	75.00%	1,200,848	343,534	249.56%	538,599	1,200,848	538,599

Message type, currency, BIC and date filters

Message type and currency daily aggregates, base currency, largest transaction, daily averages and variance

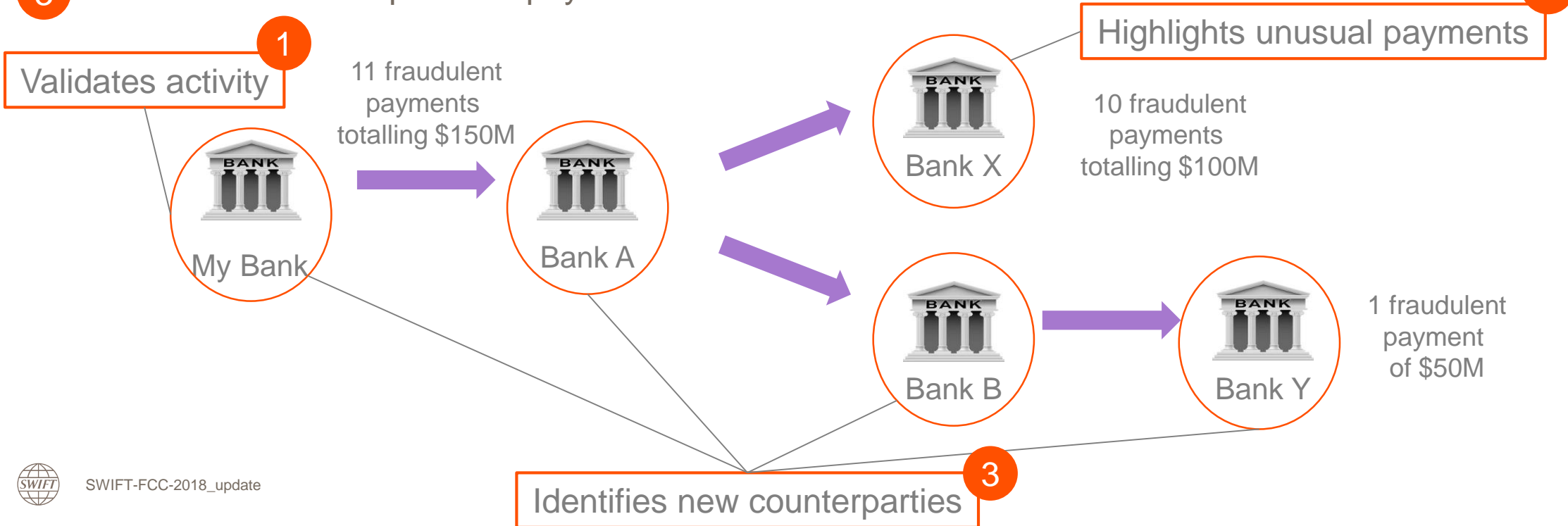
Standardised report views that are easily understood and quickly actioned

How Daily Validation Reports can help identify fraud – A fictitious scenario

Attackers gain access to the back office systems of “My Bank” and send fraudulent payments.

A total of \$150M in fraud is sent from “My Bank” to accounts in Bank X (\$100M) and Bank Y (\$50M).

- 1 Statements are intercepted by malware in My Bank’s environment – payment records are wrong!
- 2 Payments to Bank X are uncharacteristic, values are usually lower!
- 3 There have been no previous payments to Bank Y



Validates your daily traffic

Activity Report - Currency

Date	Message type	Currency	Number of transactions	Avg Daily Transactions	Avg Transactions Comparison (in %)	Net Amount (conv. USD)	Avg Daily Amount (conv USD)	Avg Amount Comparison (%)	Largest Transaction (conv. USD)	Net Amount	Largest Transaction
20160729	MT103	USD	750	833	-9.98%	186,371,141	101,114,172	84.32%	28,000,000	106,371,141	28,000,000
20160729	MT103	EUR	182	142	28.30%	113,070,568	73,902,903	53.00%	11,392,194	20,830,273	10,285,941
20160729	MT103	GBP	144	207	-30.48%	2,308,947	56,937,929	-95.94%	664,800	1,753,853	504,975
20160729	MT103	CAD	25	43	-42.47%	253,527	6,985,900	-96.37%	156,162	333,540	205,446
20160729	MT103	CHF	4	13	-68.18%	80,759	2,671,100	-96.98%	48,080	79,216	47,162
20160729	MT103	BMD	21	16	32.63%	20,433	11,000	-99.82%	12,607	20,433	12,607
20160729	MT103	USD	1	6	-82.50%	5,763	11,000	-99.82%	7,663	7,663	7,663
20160729	MT103	USD	1	2	-37.50%	564	11,000	-99.82%	564	564	564
20160729	MT103	USD	89	111	-19.61%	24,430,900	11,000	-99.82%	21,565,048	24,430,900	21,565,048
20160729	MT103	USD	1	1	0.00%	212,400	11,000	-99.82%	640,167	212,400	640,167
20160729	MT103+	USD	38	48	-20.60%	270,923	11,000	-99.82%	47,204	270,923	47,204
20160729	MT103+	CAD	3	2	80.00%	83,300	11,000	-99.82%	109,649	83,300	59,394
20160729	MT103+	GBP	16	15	6.67%	56,100	11,000	-99.82%	42,668	56,100	18,792
20160729	MT103+	ANG	1	1	0.00%	23,796	486,601	-95.11%	23,796	42,833	42,833
20160729	MT103+	CHF	4	4	-6.67%	5,792	106,765	-94.57%	3,216	5,682	3,155
20160729	MT103+	DKK	4	3	33.33%	2,576	10,093	-74.48%	693	17,293	4,654
20160729	MT103+	HKD	1	1	0.00%	419	419	0.00%	419	3,249	3,249
20160729	MT103+	THB	1	1	0.00%	230	3,893	-94.10%	230	8,000	8,000
20160729	MT103+	SEK	1	3	-62.50%	183	2,334,398	-99.99%	183	1,580	1,580
20160729	MT202	JPY	2	3	-23.08%	277,725,169	318,159,632	-12.71%	256,873,034	29,234,739,900	27,039,739,900
20160729	MT202	USD	28	44	-35.74%	578,339,234	4,439,395,699	-86.97%	174,000,000	578,339,234	174,000,000
20160729	MT202	EUR	43	37	17.12%	225,745,919	1,106,971,068	-79.61%	134,355,701	203,824,585	121,308,926
20160729	MT202	GBP	9	13	-31.52%	141,104,213	1,119,901,812	-87.40%	74,513,900	107,181,324	56,600,000
20160729	MT202	CAD	4	4	-9.68%	59,325,326	346,007,949	-82.85%	34,204,926	78,048,399	45,000,000
20160729	MT202	SEK	3	2	23.53%	7,325,371	56,894,485	-87.12%	7,174,929	63,300,000	62,000,000
20160729	MT202	CHF	2	5	-61.11%	2,242,916	189,046,544	-98.81%	2,242,916	2,200,076	2,200,076
20160729	MT202	DKK	3	2	75.00%	1,380,494	8,942,319	-84.56%	1,370,281	9,268,570	9,200,000
20160729	MT202	NOK	1	1	-22.22%	467,525	23,892,225	-98.04%	467,525	4,000,000	4,000,000
20160729	MT202	AUD	1	1	-25.00%	262,588	18,337,258	-98.57%	262,588	350,000	350,000
20160729	MT202	NZD	2	2	0.00%	68,608	68,608	0.00%	40,316	97,000	57,000
20160729	MT202C	USD	5	2	127.27%	294,596	921,700	-68.04%	238,838	294,596	238,838

Currency report

High variation in traffic compared to average – does not match records!

ALERTING MODULE: Payment Controls | A fraud detection & prevention tool

Make **SWIFT's Payment Controls** part of your strategy for protecting yourself against cyber-threats.

- A unique network view of your SWIFT payment activity
- Detect payment risks with alerting & investigation tools
- Define your own Payment & Risk policy
- Build rules based on your traffic data

Message scope – Initially focused on FIN payment messages: **MT103, MT202, MT202cov, MT205 & MT205cov**

Enables your institution to:

- ✓ Control your payment processes
- ✓ Manage risk
- ✓ Ensure policies are met



Payment Controls | Challenges the industry faces

SWIFT's Payment Controls

Reduce
Fraud
Risks

Reduce
Reputational
Risks

Build Trust

- ✓ **Real-time transaction monitoring** – Proactive fraud prevention tool enables subscribers to identify and stop payments
- ✓ **In-network security** – no reliance on integrity of internal systems, a unique view of your SWIFT payment activity
- ✓ **Sophisticated & flexible rules, based on your real data**– Supporting a safe payment network for all correspondents
- ✓ **Fast incident response** – build and implement rules quickly to respond to new incidents



Payment Controls

2 Modules

Module

1

Reporting

Activity and Risk reporting
Inbound and Outbound
Group and/or Entity reporting

Available Now

Module

2

Alerting

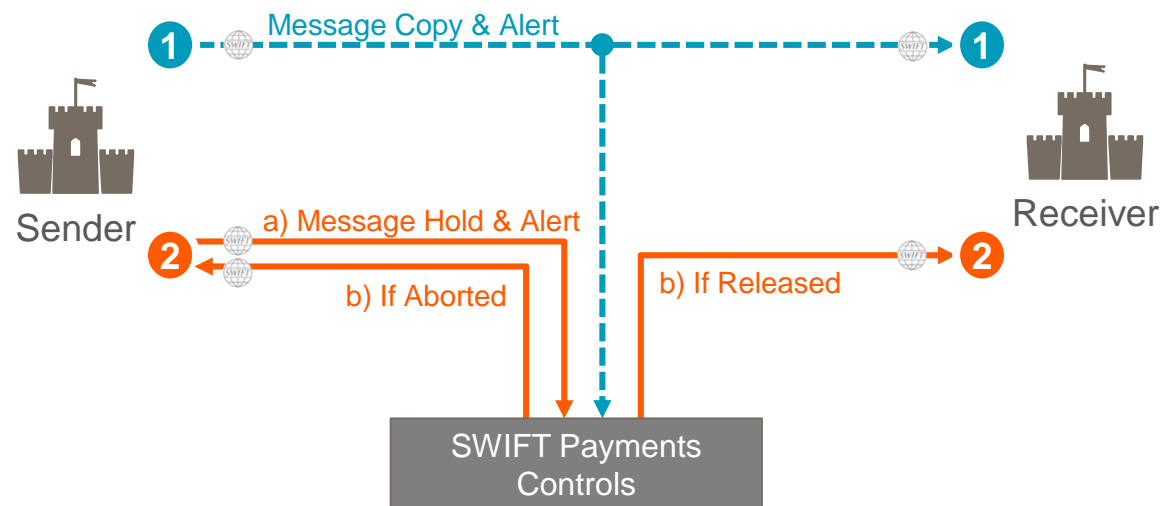
Real-time alerting/blocking
Outbound
Subscriber-controlled rules

Available Q3 2018



Real-time monitoring overview

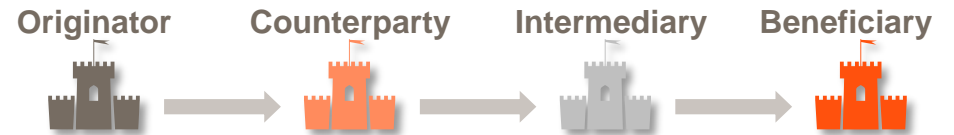
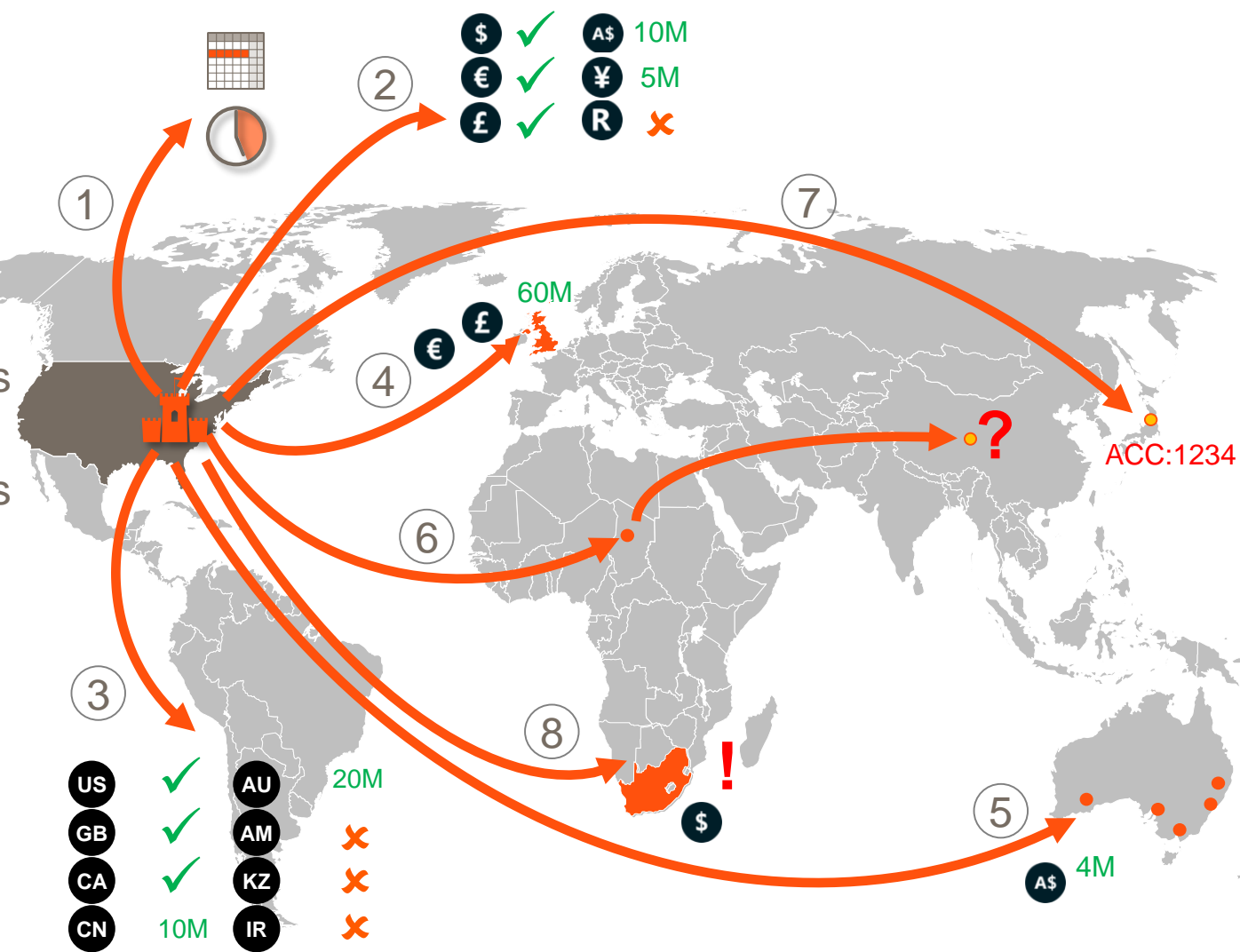
- **Real-time, in-network monitoring:**
 - **Payment Policy** – encode institution policies & monitor at a network level, e.g. to prevent payments above certain currency thresholds from being conducted without additional review, prevent out-of-hours payments
 - **Risk Policy** – monitor and detect uncharacteristic messaging activity that may be indicative of fraud and review or flag such payments
- Provides a **zero-footprint, secure in-network, payment safety-net** against payment risks
- Flexible **business workflow** and **rule management**
- **Operating modes:** alert-only / alert-hold / auto-action
- Focused on **sender controls**



Flexible parameters including:

1. Business hours and days
2. Currency whitelist / blacklists, single & aggregate payment limits
3. Country whitelist / blacklists, single & aggregate payment limits
4. Country & currency threshold combinations
5. BIC & Entity institution limits
6. New payment flows
7. Suspicious accounts
8. Uncharacteristic behaviours

Across the complete payment chain







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