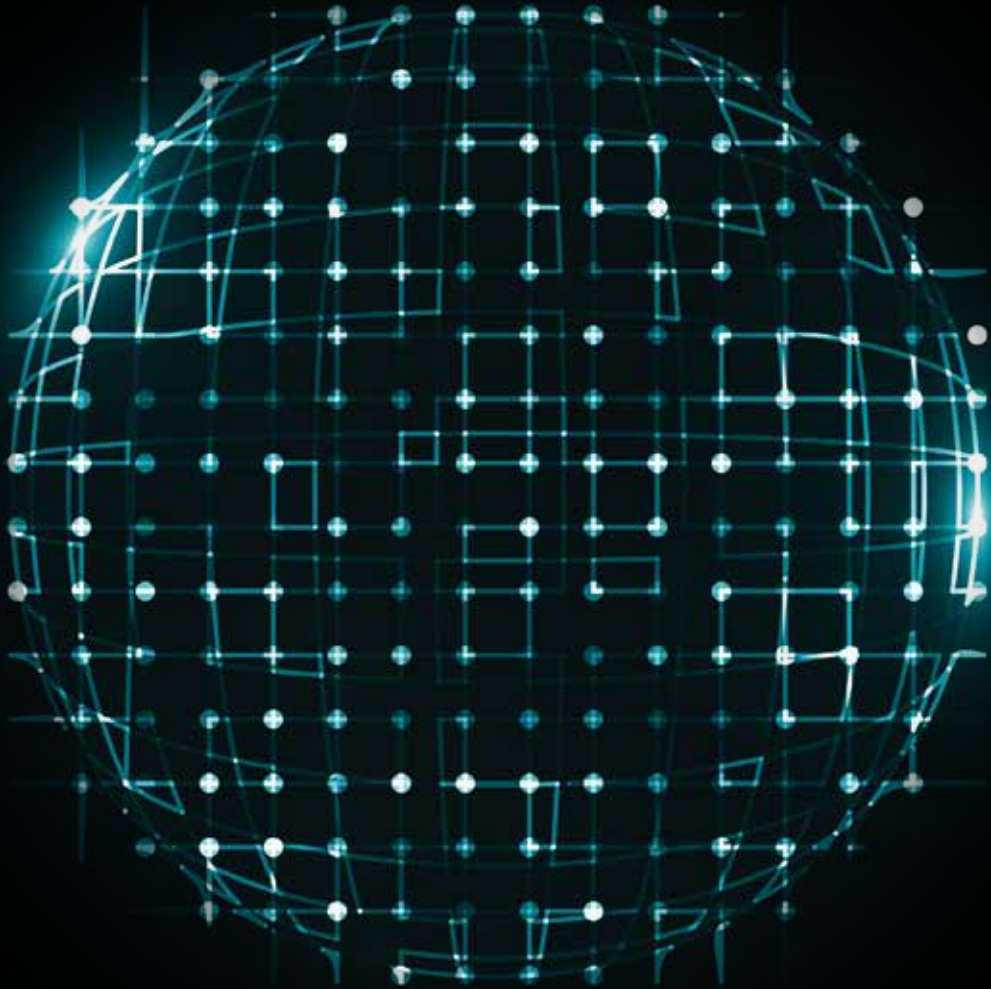


**Deloitte.**



Deloitte SWIFT  
Customer Security  
Programme experience



# SWIFT Customer Security Controls Framework and applicability

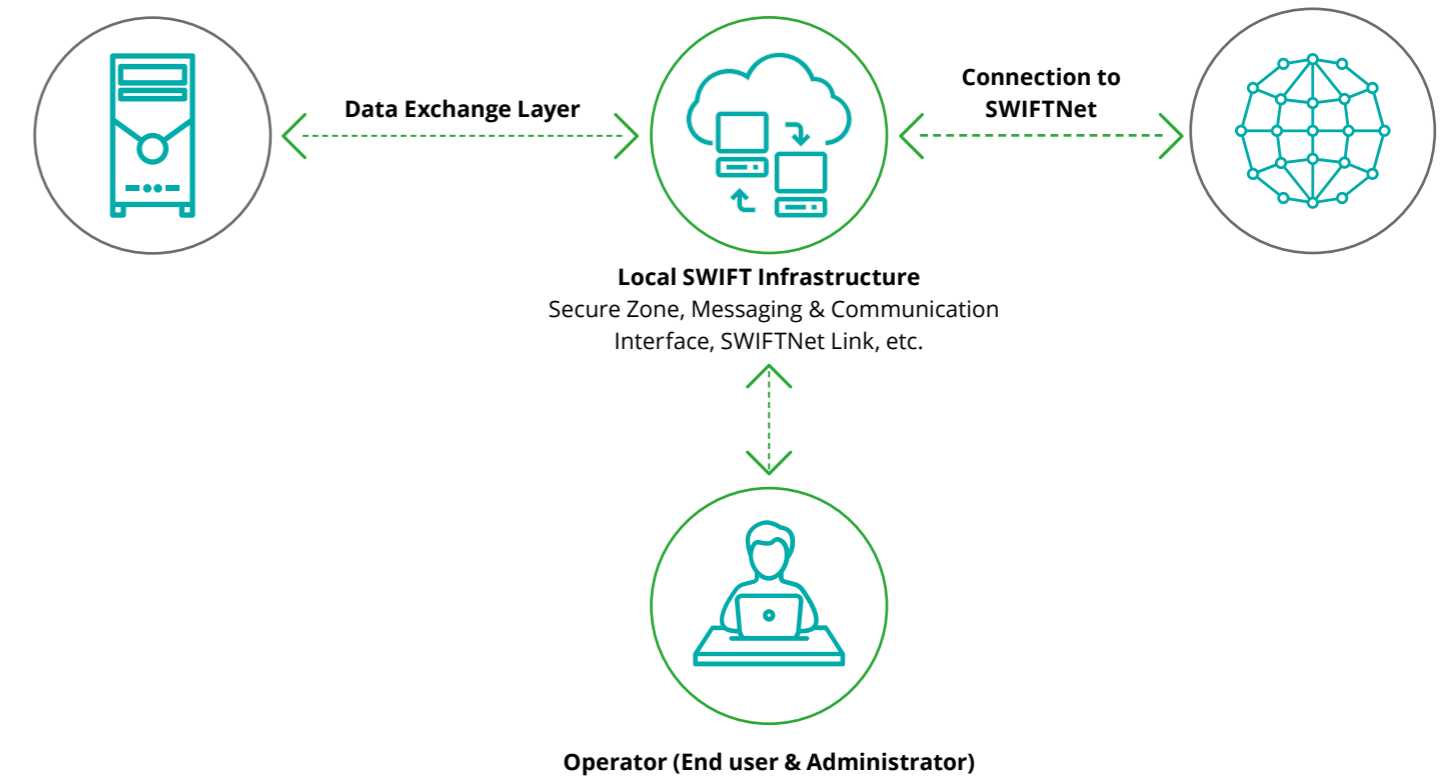
The Customer Security Controls Framework is a set of core security controls that are mandatory for SWIFT users. The controls are intended to help mitigate specific cybersecurity risks that SWIFT users face due to the cyber threat landscape. Examples include unauthorised sending or modification of financial transactions, processing of altered or unauthorised SWIFT messages, etc.



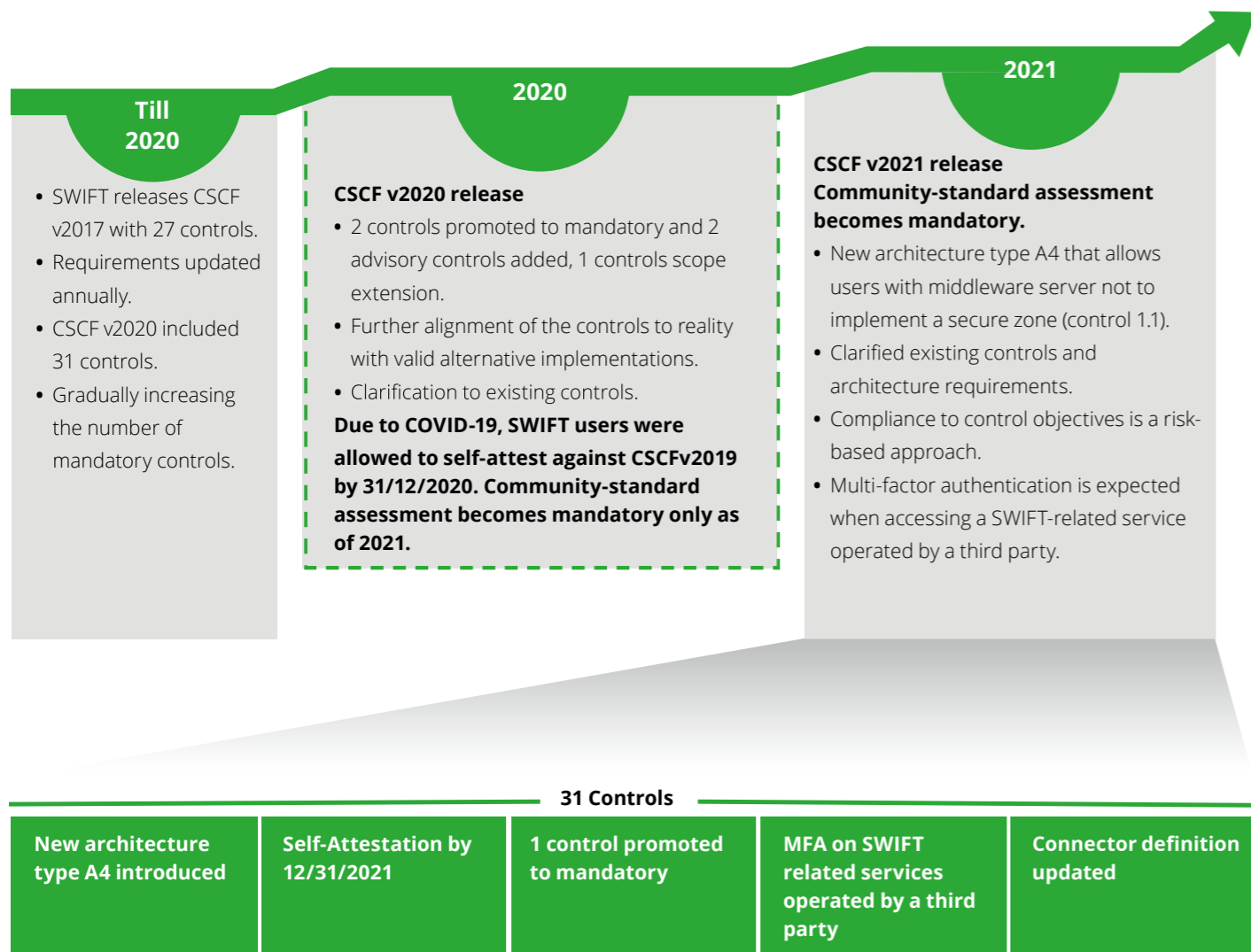
## SWIFT Customer Security Controls Framework

Objectives	Strategic Security Principles
O1. Secure Your Environment	P1. Restrict Internet access and Protect critical systems from general IT environment
	P2. Reduce attack surface & vulnerabilities
	P3. Physically secure the environment
O2. Know and Limit Access	P4. Prevent compromise of credentials
	P5. Manage identities & segregate privileges
O3. Detect and Respond	P6. Detect anomalous activity to system or transaction records
	P7. Plan for incident response & information sharing

## Scope of SWIFT Security Controls



# Critical activities to meet CSP milestones



# Our experience and credentials

## Unique Customer Security Controls Framework CSCF credentials (framework used for SWIFT CSP)

Deloitte has a unique set of credentials built in our role as the sole entity that performs assessments of operational and security requirements of SWIFT Service Bureau and Lite 2 Business Application Providers (financial messaging connectivity providers). These providers are assessed against a framework that is based on SWIFT CSCF.

As part of this program Deloitte performed so far assessments based on SWIFT CSCF around the globe of more than 100 financial messaging services connectivity providers and Lite 2 Business Application Providers.

## Deloitte SWIFT CSP Centre of Excellence

In order to deliver the highest quality of service across regions and build upon our experience Deloitte has established a SWIFT CSP center of excellence with a professionals skilled and experienced in security projects based on SWIFT Customer Security Controls Framework (CSCF). Our experts executed the projects from start to end, or supported local Deloitte offices as subject matter experts in delivering the security assessments based on CSCF.

## SWIFT CSP tailor made methodology

Deloitte has a strong track record of performing operational and security risk assessments based on the SWIFT CSCF. Using that experience we created a tailor made methodology based on SWIFT CSCF and international security standards specific for this type of engagements.

## Selection of relevant experience

Client	Relevant experience
Provider of secure financial messaging services	Security assessment review program based on SWIFT Customer Security Controls Framework for a global financial messaging provider. As part of this program we have assessed more than 100 financial messaging services connectivity providers across the world.
Provider of secure financial messaging services	Lite 2 Business Application Providers Inspections – Delivery of more than 10 assessments of Lite 2 Business Application (financial messaging connectivity providers) in terms of operational compliance, on behalf of the financial messaging connectivity provider.
Provider of secure financial messaging services	Deloitte provided Quality Assurance to the provider of secure financial messaging services with their Customer Security Program (CSP). The goal of CSP is to reinforce the security of clients' wider ecosystem by engaging with its customers to make sure the security of their locally managed infrastructure is up to par. Deloitte helped to analyse the attestation data and report on the findings. Further, Deloitte advised on improvement of the program.
Central banks in Europe and Asia	Review for self-assessment of the internal controls relevant to the SWIFT environment in place at the bank and their (controls) compliance with the mandatory controls as published by SWIFT in the Customer Security Programme framework.
Major Nonprofit Organization	Cyber security review, taking into account SWIFT CSP, of SWIFT environment after infrastructure change.
Several major banks across EMEA region	Review of self-assessment related to the internal controls relevant to the SWIFT environment in place at the bank, and their compliance with SWIFT Customer Security Programme framework.
Major International Financial Institution	Review of the cyber security controls for the SWIFT payments applications environment, including a review of controls at a third party.

# Contact us

## Cambodia

### Vanchan Khan

Director  
vkhan@deloitte.com  
+855 23 963 738

## Indonesia

### Leny Suwardi

Executive Director  
lsuwardi@deloitte.com  
+62 21 5081 9607

## Malaysia

### Ho Siew Kei

Executive Director  
sieho@deloitte.com  
+60 3 7610 8040

## Myanmar

### Ajay Rana

Manager  
ajrana@deloitte.com  
+95 9679806825

## Philippines

### Anna Pabellon

Partner  
apabellon@deloitte.com  
+63 2 8 581 9038

## Singapore

### Edna Yap

Executive Director  
edyap@deloitte.com  
+65 6531 5016

## Thailand

### Parichart Jiravachara

Partner  
pjiravachara@deloitte.com  
+66 2034 0130;ext=40130

## Vietnam

### Tho Nguyen Thi Anh

Partner  
thonguyen@deloitte.com  
+84 24 710 50191

# Deloitte.

Deloitte refers to one or more of Deloitte Touche Tohmatsu Limited ("DTTL"), its global network of member firms, and their related entities (collectively, the "Deloitte organization"). DTTL (also referred to as "Deloitte Global") and each of its member firms and related entities are legally separate and independent entities, which cannot obligate or bind each other in respect of third parties. DTTL and each DTTL member firm and related entity is liable only for its own acts and omissions, and not those of each other. DTTL does not provide services to clients. Please see [www.deloitte.com/about](http://www.deloitte.com/about) to learn more.

Deloitte Asia Pacific Limited is a company limited by guarantee and a member firm of DTTL. Members of Deloitte Asia Pacific Limited and their related entities, each of which are separate and independent legal entities, provide services from more than 100 cities across the region, including Auckland, Bangkok, Beijing, Hanoi, Hong Kong, Jakarta, Kuala Lumpur, Manila, Melbourne, Osaka, Seoul, Shanghai, Singapore, Sydney, Taipei and Tokyo.

This communication contains general information only, and none of Deloitte Touche Tohmatsu Limited ("DTTL"), its global network of member firms or their related entities (collectively, the "Deloitte organization") is, by means of this communication, rendering professional advice or services. Before making any decision or taking any action that may affect your finances or your business, you should consult a qualified professional adviser.

No representations, warranties or undertakings (express or implied) are given as to the accuracy or completeness of the information in this communication, and none of DTTL, its member firms, related entities, employees or agents shall be liable or responsible for any loss or damage whatsoever arising directly or indirectly in connection with any person relying on this communication. DTTL and each of its member firms, and their related entities, are legally separate and independent entities.