

# Newsletter



# Swift

Customer Security Control Framework (CSCF)

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### Swift CSCF

The Swift Customer Security Controls Framework (CSCF) is a set of mandatory and advisory security controls for Swift users. It is part of the Swift Customer Security Programme (CSP), which is designed to help financial institutions strengthen their cyber security defenses and protect the integrity of the wider financial network.

### Swift CSCF Objectives & Principals

Objectives	Principals
Secure your environment	<ol style="list-style-type: none"> <li>1. Restrict internet access and segregate critical systems from the general IT environment.</li> <li>2. Reduce attack surface and vulnerabilities.</li> <li>3. Physically secure the environment.</li> </ol>
Know and limit access	<ol style="list-style-type: none"> <li>4. Prevent compromise of credentials.</li> <li>5. Manage identities and segregate privileges.</li> </ol>
Detect and Respond	<ol style="list-style-type: none"> <li>6. Detect anomalous activity to system or transaction records.</li> <li>7. Plan for incident response and information sharing.</li> </ol>

### Swift CSCF Controls

24 Mandatory controls					8 Advisory controls			
1.1 SWIFT CSP Environment Protection	1.2 Operating System Privileged Account Control	1.3 Virtualization Platform Protection	1.4 Restriction of Internet Access	1.5 Customer Environment Protection	2.4A Back Office Data Flow Security	2.5A External Transmission Data Protection		
2.1 Internal Data Flow Security	2.2 Security Updates	2.3 System Hardening	2.6 Operator Session Confidentiality and Integrity	2.7 Vulnerability Scanning	2.8A Critical Activity Outsourcing		2.11A RMA Business Controls	
2.10 Application Hardening	4.1 Password Policy	4.2 Multi-Factor Authentication	5.1 Logical Access Control	2.9 Transaction Business Controls	5.3A Staff Screening Process	6.5A Intrusion Detection	7.3A Penetration Testing	7.4A Scenario Risk Assessment
5.2 Token Management	5.4 Physical and Logical Password Storage	6.1 Malware Protection	6.2 Software Integrity	3.1 Physical Security				
6.3 Database Integrity	6.4 Logging and Monitoring	7.1 Cyber Incident Response Planning	7.2 Security Training and Awareness					



### Swift CSF

Swift CSF stands for Swift Customer Security Framework. It is a set of mandatory and advisory security controls that Swift users must implement to protect their systems and data from cyberattacks. The CSCF is part of the Swift Customer Security Program (CSP).

### Swift CSCF Benefits

- Baseline security controls.
- Framework for risk assessment and management.
- Identification and remediation of security gaps.
- Continuous improvement of security posture.

### Security Topics in CSCF

- Network security
- Application Security
- Access control
- Data security
- Incident response
- Business continuity