



Save cost by migrating the SWIFT AMH instance to AWS

SWIFT communication is moving away from fixed limited information message type (MT) towards ISO 20022 message standards called MX, having rich and extended payment information in it. It will not only increase message size to multi-fold but also increase the adaptability and usage by the end customer.

SWIFT AMH component is critical for communication on the SWIFT network by a bank. It helps exchange messages between a bank's payment engine and network but also helps extract different reports, finds daily and peak volumes, etc. AMH component is also used for closed group networks like local clearing and exchange of local payment messages between a country's internal payments.

With all the above critical and business usage of SWIFT AMH, the bank has to perform configuration, infrastructure management, multiple environment management for internal and external testing, and BCP environment. All these lead to higher costs and time taking processes for on-premises AMH components.

Why are clients choosing Virtusa?

Virtusa provides E2E services to migrate on-prem SWIFT components to AWS. Virtusa leverages its structured approach to help banks and FIs move their SWIFT connectivity to AWS, reduce costs, and increase efficiency. The structured approach is as below with goal-centric tasks.

Discovery and validation

- Migration assessment discovery workshop, creation of a road map
- Compliance and security assessment
- POC and validation

Migration factory

- Cloud factory model managed capacity
- Security and testing service
- Security and compliance support

Optimize and manage

- Managed service and cost optimization
- Support and maintenance
- Monitoring and automation

Move SWIFT components on AWS using Virtusa's services and assets

Leverage our people and asset models to migrate SWIFT components on AWS and increase efficiency with reduced cost.



Discovery and migration templates: Predefined template for discovery and migration phase to capture details like migration planning and path, ROI and decommission of application, etc.



Virtusa's automation tools: Leverage tools developed by the Virtusa team for OS patch and upgrade, user entitlement policy, password reset, security and risk tracking, snapshot and audit management, automatic fail over/restore, etc.

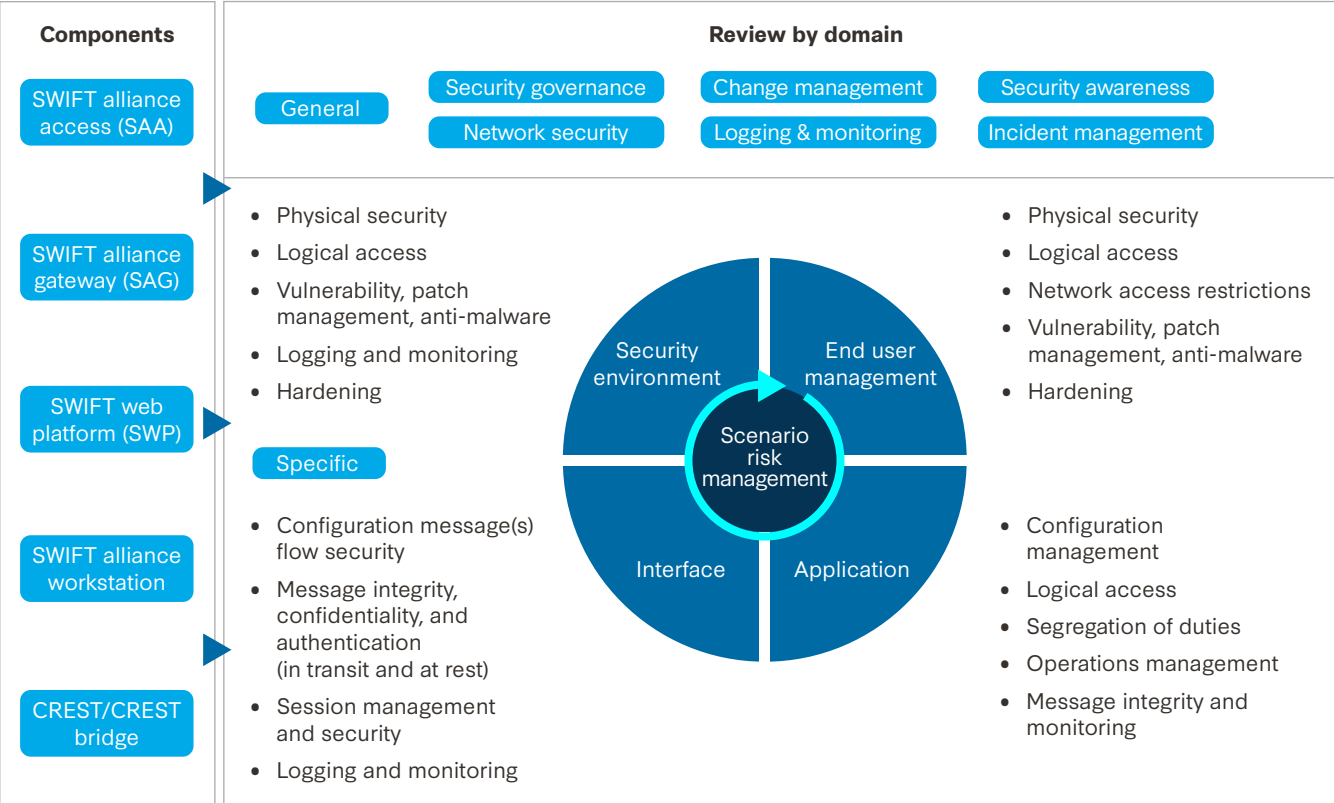


Cost optimization: Virtusa's focused cost optimization tools and process helps customers reduce cost by checking reports on usage and spend analysis, future usage forecast, tagging unused components, capacity planning, and resource optimization.



Dedicated SWIFT CSP controls: CSP control is common for all SWIFT components (SAG, SAA, SWP, etc.). It will be split into two key areas – general and specific security. General security covers security governance, logging, and monitoring, network security, incidence management, etc. Specific security handles key areas like server environment, end-user workstation, interface configuration, message integrity, authentication, and application-level access management.

With special focus on ensuring compliance to SWIFT CSP security control



And options to provide managed services for SWIFT migration

Assessment & planning	Migration	Deployments	Infrastructure management				Monitoring	Cost optimization	Security	Support
			Config management	Backup & DR	Identity management	Automation/ DevOps				
SWIFT discovery	Landing Zone & Cloud Foundation	SWIFT solution design & architecture support	OS update, upgrades and patching ✦	Snapshotting ✦	OU/ account management ✦	Template authoring and deployment	Basic infrastructure management (OS, compute, storage, network) ✦	Usage and spend analytics	Anti-virus/ anti-malware	24/7 support
SWIFT dependency mapping & visualization	SWIFT migration execution	Dev-test, POCs and app performance testing	Password resets ✦	Managed backup (Short term)	User access and RBAC management ✦	Continuous integration & deployment	Advanced infrastructure monitoring (basic+ firewall/ DNS/load balancer etc) ✦	Spend and usage forecasting ✦	Security and risk assessments ✦	Uptime and response SLAs
TCO analysis	App decommissioning	Auto-scale design and deployment	Resource configuration and policy management ✦	Long term data retention	User tagging and change management	Application life cycle management ✦	Alerting/ alarms with response SLAs	Tagging and audit trails	Intrusion detection and remediation	System health monitoring ✦
Migration ROI analysis		Compliance and regulation support	Audit log management ✦	DR planning and DR drills			Database monitoring	Custom invoicing	Security information and event management	IT services and incident management
SWIFT migration planning		Deployment automation	Deployment operations and troubleshooting	Automated fail over and restore ✦	Single sign on and multi-factor authentication		App performance monitoring	Capacity planning and resource optimization	SWIFT security patch upgrades	Custom panels/ customer portal
					Log analytics & alerting	Encryption and key management				

Dedicated account management and architect support

Governance and planning

Compliance and regulation support ✦

✦ Automation

Benefits of migrating SWIFT AMH application to the cloud



Cost-effective

Realize savings of 40% or more on payment processing costs, boosting margins and profitability



Resiliency

Zero downtime through active-active-active deployment; no more delayed or missed payments



Time to value

Release new services to market 3x faster, onboard new customers faster (days or weeks instead of months)



Agility

Instantiate a new payments/SWIFT infrastructure in new regions in minutes to address new customer segments

Virtusa and AWS

Ten Years of Innovation

Virtusa has been a key AWS partner for more than ten years and has developed deep relationships and expertise. In 2021, Virtusa extended its Strategic Collaboration Agreement (SCA) with AWS to empower global organizations to unlock more value, efficiency, and profitability via cloud-based services. Virtusa was also named the 2021 AWS Industry Solution NSI Partner of the Year-U.S.

- AWS Premier Services partner since 2017
- 8 Competencies | 6 Partner Programs | 4 Service Validations
- 100+ AWS Customer Launches
- 2,100+ AWS Certifications
- AWS ProServe Strategic Partner
- Database Freedom Program Partner
- AWS ISV 'Workload Migration Program' partner for Pega

For more information please contact:
awsinfo@virtusa.com

virtusa

