

Defining the cloud security services for a UK bank

Creating the architecture and roadmap to enable the client to embed security into the Microsoft cloud platform

Fast Facts

Internal only - Remove before using

Country	UK
Industry	Banking
Deal Size	£200,000
MS Tech Used	Azure Sentinel, Compliance Manager, Intelligent Security Graph, AD, PIM, Identity Protection, Security Center, Advisor, DDoS protection, API Manager, Key Vault, App Gateway, Advisor, API Manager, Firewall, Private Link, Threat Modelling Tool
Integrated Solution	Security Platform Playbook / Portfolio Rationalisation
PwC Contact(s)	Matthew Yee

Client need

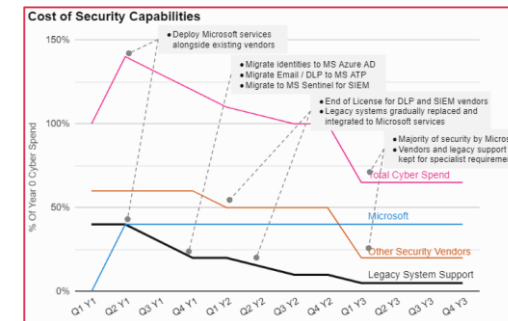
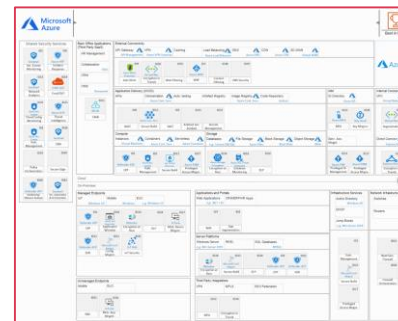
- Overhaul of processes which operated manually and introduced control challenges
- Strategic investment in data analytics and cloud technology to improve operational and cyber resilience
- Automation of processes to improve timeliness and reduce human error

Solution delivered

- Redesigned operating model using Azure and PwC defined solutions
- Collaborated with business stakeholders, solutions architects and developers to design requirements embedded into their business and DevOps processes
- Assessed the current security capabilities against the available Azure capabilities to identify areas that could be improved and replaced

Value unlocked

- Provided the roadmap of change to transition security services from on-premise operations to embedded services as part of the cloud estate
- Logical and physical security patterns defined for the organisation
- Key Microsoft Azure security services have been identified for configuration and additional consumption. The client will now use Microsoft for the majority of its security operations and management



Domains	Treat Detection & Response	Vulnerability Management	Identity & Access Management	Information Integrity & Protection	Infrastructure Security	Security Governance & Leadership	Security Risk & Compliance
Incident Response	Incident Response	Penetration Testing	Identity Lifecycle Mgt	Data Loss Prevention	Network Security	Security & Investment	Policy & Standards
Event Monitoring	Code Security	Strong Authentication	Data Discovery	Endpoint Protection	Security Governance	Risk Controls Assessment	
Threat Intelligence	Red Teaming	Privileged Access Mgt	Data Classification	Architecture & Blueprints	Supply Chain Risk Mgt		
Threat Hunting	Vulnerability Scanning	Directory Services	Secure Data Disposal	Change Protocols Mgt	Security Reporting		
Computer Forensics	Configuration Monitoring	Trust Management	Certificate Management	Cloud Management	Regulatory & Audit Mgt		
Tech/Malware Analysis	SIEM/Log Analytics	Access Governance	Crypto Key Management	Cloud Protection	Awareness & Training	Security Consultancy	
Technologies	• SIEM • SOAR • IBA • EDR • TI • Malware Analysis	• Config Mgt • Vuln Scan • DAST • SAST • API Gateway • Code repository	• MFA • Key Vault • ID Directory • Device Mgt • PAM • Secrets Mgt	• Email DLP • Web DLP • CASB • DDoS / IPS • Content SE • VPA • NAC • Secure FT	• EPP • IaaS • SaaS • PaaS • SaaS • SaaS • SaaS • SaaS • SaaS	• Compliance Reporting	
Potential for Benefit	Low	Moderate	High				