Multi-Cloud Security & Application Delivery

Whether from a public or private cloud, a mobile device, as a service, or on premises—applications can be located anywhere and accessed everywhere and that increases the threat surface.

GBM

Ver 1.0

Microsoft Partner

Gold Application Development
Gold Application Integration
Gold Application Lifecycle Management
Silver Data Analytics
Silver Data Platform

Microsoft

UCMC Access Policy Manager
Powered by F5 Big-IP

Enable zero-trust access for all apps—legacy and modern—with highly scalable identity- and context-based access controls

Simple, Secure, and Seamless Access to Any Application, Anywhere
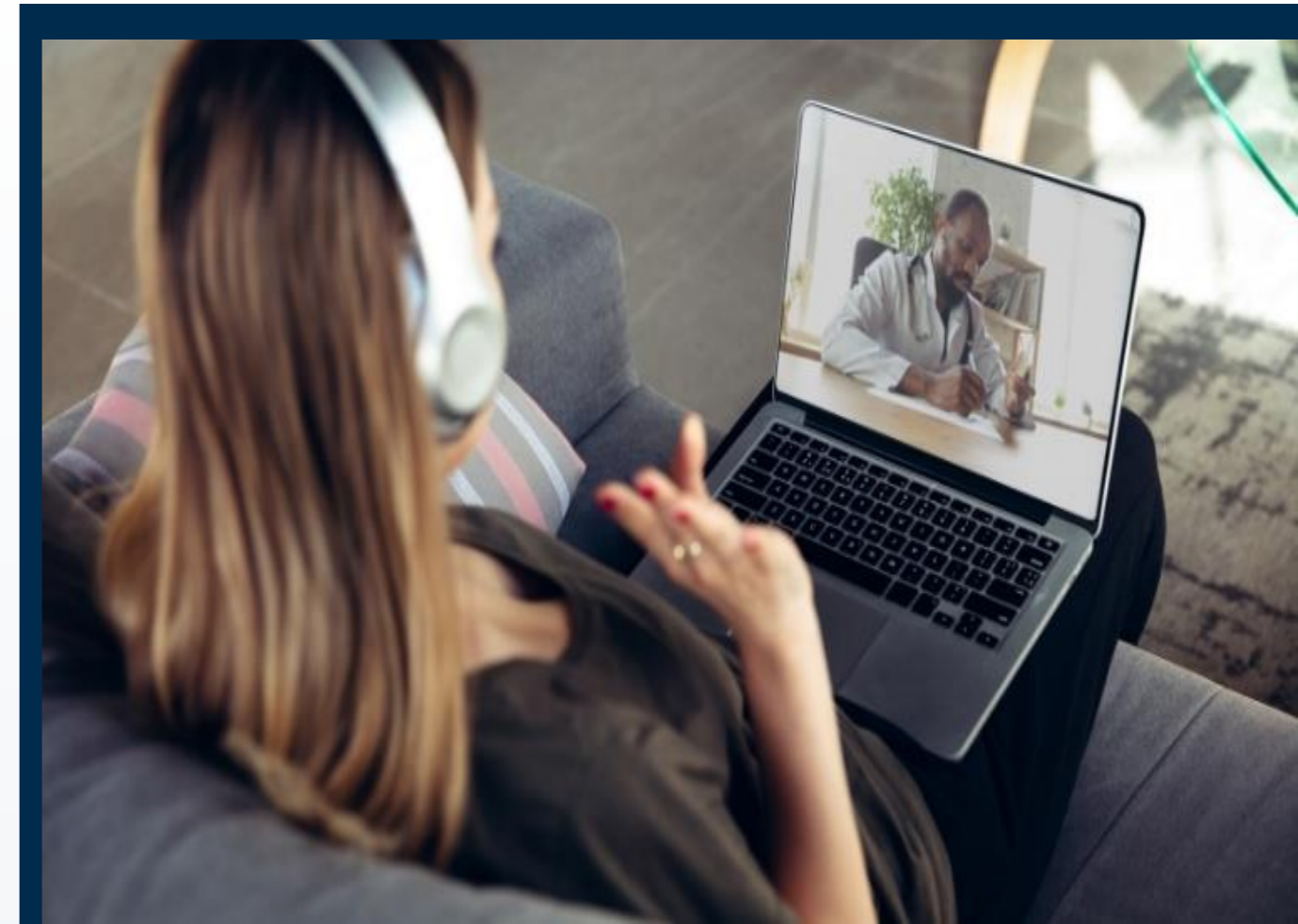
CHALLENGES

Whether from a public or private cloud, a mobile device, as a service, or on premises—applications can be located anywhere and accessed everywhere and that increases the threat surface.

IDEAL SOLUTION

F5 BIG-IP Access Policy Manager (APM) secures, simplifies and centralizes access to apps, APIs and data, no matter where users and their apps are located.

DESIRED OUTCOMES

Identity federation, MFA, and SSO

Secure remote and mobile access

Secure and managed web access

Offload and simplify authentication

Dynamic split tunneling

Performance and scalability

GBM

APM Powered by F5 BIG-IP DNS

BIG-IP DNS delivers an intelligent and scalable DNS infrastructure that gives mobile users faster access and service response. This makes it easy for service providers to optimize, monetize, and secure their DNS infrastructure.

1 F5 BIG-IP DNS

Optimize DNS infrastructure and hyper-scale service delivery

Monetize on services with improved network performance and lower churn , secure against DNS

2 BIG-IP DNS BENEFIT

F5 DNS provides carrier-grade, high- performance LDNS caching and resolving, and is a hyper-scale authoritative

DNS firewall security services for mitigating DNS DDoS attacks.

3 F5 Integration with Microsoft

The F5 and Microsoft Azure AD integrated solution enhances productivity by giving users easy access to all necessary apps. fully supporting AuthN and AuthZ reduces the burden of account access for users and the threat surface for attackers.

UCMC APM & Microsoft Azure

Deploy Access Policy Manager centrally on Azure and manage your solutions deployed across cloud and on-premise with GBM/UCMC's expertise and support.

UCMC APM & Azure

Provide users with a single pane of glass for accessing all applications, while consolidating management of access-related security policies

F5 BIG-IP DNS

Ensures high availability of your global applications and services. Hyperscale DNS responses geographically to survive volume increases and DNS DDoS attacks

Web App and API Protection

Protect apps and APIs deployed across clouds and edge sites with industry-leading, SaaS-based web application firewall and bot protection, advanced API security, and L3-L7 DDoS defense.

Customer success: Shawbrook Bank significantly enhanced security and resilience, while mitigating against key cybersecurity threats.

As a challenger bank with a strong desire to move at pace, Shawbrook Bank required robust and flexible applications and systems to meet the needs of its expanding customer base, including increasingly personalized services and a more user-friendly digital interface.

Applications always available to customers on any device
Site availability and cloud migration were handled by the F5® BIG-IP® DNS solution, which can distribute DNS and user application requests based on business policies, data center and cloud service conditions, user location, and application performance.

The transformation would entail 360-degree protection, encompassing email infrastructure, customer-facing applications
Consistent security policies across data center and public cloud , Reduced costs related to security compliance

Mitigating threats, including distributed denial-of-service attacks
F5 (AFM) was chosen to provide security between subnets and VNETs within the Azure public cloud environment. This leverages F5s native integration with the Azure API to automate necessary changes to the routing table and support a highly available design.