

## Case Study UK Government Institution

### Highly Secure and Scalable F5 Application Delivery Infrastructure (ADI) for an Online Payment System

#### Company Summary

This government institution oversees operations in health, education, justice, rural affairs, housing, and the environment. All these entities rely on a wide range of critical ICT services delivered to the general public.

#### Requirement

Our client had a requirement to design and implement an online government e-portal to allow secure payments to the general public and businesses. The key requirement was to provide a secure platform that was scalable, highly secure, and resilient to meet the growing demand of e-services whilst ensuring the highest defense against advanced persistent threats (APTs).

#### Solution

iCyber-Security was chosen because of our expertise in the overall F5 Networks solution stack and our experience in designing and implementing highly resilient and scalable digital infrastructures used to deliver business critical web applications. The overall solution was based on F5 physical ADCs running LTM for local load balancing, GTM for global availability across two data centers, and ASM for advanced application protection to defend against APTs.

#### Business Benefits

- Robust platform to meet the growth of e-services
- Increased reliability and security of critical services
- Project delivered on time and on budget

#### Key Challenges

- Design and implementation of a highly scalable and secure Application Delivery Infrastructure (ADI)
- Knowledge transfer and bespoke training

#### iCyber-Security Delivery

- Delivered a solution to meet our client current and future ADI requirements
- Designed and implemented a solution that allowed our client to deliver an infrastructure that was fast, secure, resilient, and scalable
- Services testing and on-boarding
- Bespoke training to the network and security team