

Case Study: Global Healthcare IT Provider

Global Healthcare IT Provider Guarantees the Security, Availability, Resilience, and Performance of PACS

Company Summary

Our client is a global provider of healthcare IT solutions that extend to dental and X-ray systems. The firm is known as a leading supplier to hospitals and medical centres around the globe for advanced electronics in the healthcare IT industry.

Requirement

This company had a requirement to scope, design, and deploy a dual data centre IT infrastructure based on F5 Networks technology to increase the security, availability, and performance of their PACS (Picture Archiving and Communication Systems). PACS are used to deliver critical healthcare online web services to patients in hospitals.

Solution

iCyber-Security was selected because of our niche expertise in designing and implementing advanced F5 ADC solutions that combine several technologies such as load balancing (LTM), network security (AFM), and global availability (GTM). The solution proposed was based on BIG-IP physical platforms combining the LTM, GTM, and AFM modules to provide greater security for client services. This allowed our client to deliver an IT infrastructure that was highly optimised, secure, and resilient to ensure that critical healthcare services remained available non-stop 24/7.

Business Benefits

- Overall solution delivered on time and on budget
- Increased reliability and security of critical IT services

Key Challenges

- Scoping, designing, and implementing the overall Application Delivery Infrastructure (ADI)
- Advise on the overall security infrastructure design and implementation
- Service testing and production roll-out planning
- Training and knowledge transfer to the network and security teams

iCyber-Security Delivery

- Delivered a robust infrastructure to meet all our client current and future requirements
- Scoped, designed, and implemented the Application Delivery Infrastructure (ADI) as well as service migration and testing
- Provided F5 documentation and be-spoke training to the