

CASE STUDY

ULTRA SECURE, BESPOKE INFRASTRUCTURE FOR THE MEDICAL PROFESSION

CIMAR UK Ltd is a world leader in lossless compression, optimisation and transmission of clinical data and images, enabling ultra fast and encrypted data sharing between disparate health information systems and users globally. CIMAR's technology is used extensively by the NHS and private medical organisations across the UK and internationally.

CIMAR's solution enables specialists to rapidly view medical images remotely, enhancing productivity and accelerating diagnostics for patients, whilst ensuring compliance with the rigorous regulations governing secure electronic interchange of clinical information, as required by the NHS and other health organisations.

PRODUCTS & SERVICES

- Colocation services with internet bandwidth
- Single half rack with dual fed UPS Backed Power
- 24/7/365 dedicated technical support

NHS APPROVED SECURITY

CIMAR was looking for an absolutely secure, managed hosting service built on Microsoft technology. The solution had to be a robust and scalable platform that would allow CIMAR to expand as demand for its cutting-edge clinical data sharing service grew, both in the NHS and internationally. CIMAR also required guarantees concerning where the data was physically stored, its absolute protection and privacy, and the processes around how systems are managed, in order to ensure it operated within the stringent data security guidelines laid down by its clients.

OUR ULTRA SECURE, MANAGED HOSTING SOLUTION

The Bunker's managed hosting service delivers the business value that CIMAR was looking for.

The Bunker created a bespoke infrastructure, which is managed 24/7/365, providing a stable operating environment for the company's sensitive medical data processing applications. Housed in one of its ISO 27001 accredited ultra secure data centres, and visited at CIMAR's request by its clients and for compliance regulation, The Bunker has been NHS approved to run CIMAR's cloud-based borderless imaging solutions.

The Bunker solution is highly exible, even down to allowing CIMAR's clients to have exclusive use of specic servers for additional security and managing these as part of a single agreement.

"THE COMBINATION OF THE BUNKER'S IMPENETRABLE SECURE INFRASTRUCTURE AND ITS SECURITY CERTIED ENVIRONMENT MAKES THEM IDEALLY POSITIONED TO MANAGE AND HOST OUR MEDICAL INFORMATION TRANSMISSION SERVICES."

- Howard Jenkinson, Managing Director, CIMAR UK Ltd.

The entire infrastructure is housed within The Bunker's Ultra Secure, nuclear bunker data centre. The bottom line is that the absolute security required for this type of application and the excellent, pro-active support to ensure that it is available at all times is provided to CIMAR and their customers.

BENEFITS DELIVERED

- Dealing with vast amounts of highly confidential NHS and private patient data, The Bunker's Ultra Secure infrastructure is of paramount importance to ensure none of this information is intercepted. (CIMAR hosted servers currently receive over 1,000,000 images per month).
- The utmost flexibility—some of CIMAR's clients maintain their own services, whilst others prefer to hand over infrastructure management and monitoring to CIMAR and The Bunker.
- Applications protected by The Bunker Protocol, an Ultra Secure process framework. The Bunker's robust and scalable platform is intrinsically important to manage the peaks and troughs encountered in the transmission of such large and complex exchanges of data across the globe.
- The Bunker provides CIMAR and its clients with a turn-key business platform solution tuned for CIMAR's web applications and their trac.

THEIR VERDICT

“THE COMBINATION OF THE BUNKERS IMPENETRABLE SECURE INFRASTRUCTURE AND ITS SECURITY CERTIFIED ENVIRONMENT MAKES THEM IDEALLY POSITIONED TO MANAGE AND HOST OUR MEDICAL INFORMATION TRANSMISSION SERVICES. CIMAR'S SOLUTION ENABLES BORDERLESS SHARING OF PATIENT INFORMATION SO IT IS IMPERATIVE THAT ALL DATA IS SAFE, SECURE, TRUSTED AND AUTHENTICATED, AND THAT'S WHY WE CHOSE THE BUNKER OVER OTHER MANAGED HOSTING AND COLOCATION COMPANIES. THEY ARE CLEARLY THE MOST APPROPRIATE ORGANISATION TO PROVIDE FOR OUR CLIENTS DEMANDING NEEDS, AND ARE THE MOST ATTENTIVE BUSINESS OF THEIR TYPE THAT WE HAVE ENCOUNTERED”

- Howard Jenkinson, Managing Director, CIMAR UK Ltd.

THE BUNKER PROTOCOL™

The Bunker Protocol™ is an all-encompassing methodology that secures against risk and ensures the most secure IT delivery in the UK.

The Bunker Protocol™ incorporates physical, human and digital security capability and processes and wraps them with a governance and standards layer that ensures that client data and systems are continually secure against threats to confidentiality, integrity and availability.

THIS IS ULTRA SECURE

- Physical** Military grade data centres
- Human** All employees are fully background checked and our culture starts and ends with security
- Digital** We build and integrate systems in-house, ultra secure, from the source code up