

The logo for Secure Logiq, featuring the word "SECURE" in white on a blue background and "LOGIQ" in white on a black background, with a stylized circuit board graphic.

CASE STUDY

VIRTUS Data Centre

Transforming VIRTUS Data centre's surveillance operations, Secure Logiq elevates security, resilience and overall performance.

Project Information

End User: VIRTUS Data Centres

Region: UK

Customer Vertical: Data Centres

System Integrator: Bouygues

Video Management Solution: Milestone xProtect Corporate

Camera Manufacturer: Axis

Products: Stratus everRun, Management Servers, Recording Servers, Client Machines

BACKGROUND

Operating under the umbrella of ST Telemedia Global Data Centres (STT GDC), VIRTUS Europe serves as the epicentre of cloud technology in London. As part of the extended data group, VIRTUS benefits from a vast network that spans Singapore, the UK, India, Thailand, South Korea, Indonesia, Japan and the Philippines, providing businesses with a robust foundation tailored for their expansion endeavours.

With cyber threats becoming more sophisticated and prevalent, VIRTUS prioritises state-of-the-art security protocols and technologies to safeguard the sensitive data of its clients. This ensures the company remains at the forefront of protecting valuable digital assets and upholding the trust of its customers and stakeholders alike.

As part of an ongoing upgrade of CCTV systems, VIRTUS and their chosen system integrator, Bouygues approached Secure Logiq to assist with optimising their system design and, in addition, provide fault tolerant resilience to their existing Milestone xProtect infrastructure.

The Challenge

Optimising system design for CCTV upgrade posed the challenge of integrating several hundred high-resolution Axis cameras with varying retention periods in different areas of VIRTUS' data centres while ensuring seamless operation and efficient management of video data.



Providing fault-tolerant resilience to existing Milestone xProtect infrastructure required enhancing the resilience of the CCTV infrastructure to protect customer data, necessitating solutions to minimise downtime and ensure uninterrupted surveillance coverage.



Customising solutions across multiple sites involved tailoring solutions to meet the diverse operational requirements and complex networking needs of VIRTUS' data centres, including adapting to on-site operating systems and integrating upgraded LAN connections for optimal performance.



The Solution

Secure Logiq collaborated closely with VIRTUS and Bouygues to provide fully customised and optimised solutions:

- **Optimising System Design for CCTV Upgrade**

Secure Logiq proposed a comprehensive system design which aimed to ensure seamless operation and efficient management of video data, addressing the complexities of surveillance coverage within VIRTUS' infrastructure.

- **Enhancing fault-tolerant resilience**

Secure Logiq recommended deploying a failover design with a remarkable 99.999% uptime to safeguard against potential video loss and ensure hardware resilience. Leveraging its partnership with technology leader Stratus, Secure Logiq utilised the software product everRun to provide a fault-tolerant solution exceeding traditional High Availability setups by a factor of 100.

- **Customising solutions across multiple sites**

Tailoring solutions across multiple sites, Secure Logiq additionally adapted on-site operating systems, integrating upgraded LAN connections to optimise performance. The team also deployed performance-specific components meticulously designed to address the unique demands of individual sites across the expansive VIRTUS estate.

Surpassing Expectation

With a deep understanding of the intricacies of surveillance technology and a commitment to pushing the boundaries of innovation, Secure Logiq delivers solutions that exceed expectations. By seamlessly integrating cutting-edge hardware, fault-tolerant software, and customised configurations, Secure Logiq empowers organisations like VIRTUS to achieve unprecedented levels of performance, resilience, and efficiency in their surveillance operations. With Secure Logiq as their partner, clients can rest assured that their surveillance infrastructure will not only meet but surpass the most demanding requirements.

THE RESULTS

"The biggest benefit Bouygues have found from Secure Logiq is their extensive knowledge of all things CCTV.

In the 5 years we have been using Secure Logiq, we have never experienced any downtime on any of their hardware."

– **David Stanhope, Head of Security & Integrations**

VIRTUS

Data Centres



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