CASE STUDY

Chelsea FC

Utilising Logiqal Healthcheck Pro for proactive monitoring and implementing optimised hardware solutions with a reduced carbon footprint, Secure Logiq has empowered Chelsea FC with unbeatable surveillance capability.

Project Information

End User: Chelsea Football Club

Region: UK – London

Customer Vertical: Stadiums

System Integrator: IC2 CCTV Ltd

Distributor: Norbain SD

Video Management Solution: Avigilon

Camera Manufacturer: Avigilon

Products: Recording Servers Client Machines

BACKGROUND

Established in 1905, Chelsea FC stands as a pillar of English football, boasting a storied legacy within the esteemed English Premier League. Nestled in Fulham, West London, Stamford Bridge serves as the revered home ground for Chelsea, accommodating a capacity of 41,837 fervent supporters.

Given the club's illustrious history and status as a footballing powerhouse, safeguarding the security and integrity of Stamford Bridge is of paramount importance. As a renowned sporting institution with a global fanbase, Chelsea FC's stadium serves not only as a venue for exhilarating matches but also as a symbol of pride and identity for supporters worldwide. Thus, stringent security measures are imperative to ensure the safety and well-being of all patrons, players, and staff, underscoring the critical need for robust security protocols and systems at Stamford Bridge.

The Challenge

Chelsea FC faced a challenge in maintaining the effectiveness of its surveillance system amidst rapid advancements in server technology.

While the club had previously upgraded its surveillance system, the hardware's operational lifespan meant it lagged behind current server advancements. As a result, upgrading the storage solution to accommodate increased capacity and performance while minimising footprint became a pressing concern.

In addition, system monitoring emerged as a critical priority for the club and its systems integrator. Proactively monitoring the various components of the solution became imperative to identify and address any potential issues before they escalated into major problems, ensuring seamless functionality and optimal performance of the surveillance system.

The Solution

Secure Logiq collaborated with iC2 to improve Chelsea FC's surveillance capabilities at Stamford Bridge and its surroundings:

- **Optimised Hardware Solution**

  Secure Logiq designed a hardware solution that leveraged advances in technology and their expertise in VMS, which ultimately enabled a fourfold increase in existing framerates and enhanced playback image quality without the need for new cameras.

- **Reduced Hardware Footprint**

  By implementing high throughput and high storage density servers, Secure Logiq drastically reduced the hardware footprint from 24U to just 8U. Not only did this minimise rack space requirements, but it also resulted in a substantial 75% reduction in energy bills.

- **Enhanced User Experience**

  The Secure Logiq team also upgraded client workstations equipped with multiple 4K monitors facilitated smoother operation and faster incident exports, particularly enhancing the user experience during match days at Stamford Bridge.

The Logiqal Solution

Utilising Logiqal Healthcheck Pro proved instrumental for this project, offering a CCTV-centric cloud-based hardware monitoring and alerting utility. The system diligently monitors critical components within Secure Logiq hardware, promptly raising alerts in case of any unexpected occurrences. With a comprehensive suite of management tools, the integrator client can effortlessly ensure the security, optimisation and full operational functionality of their stadium customer's CCTV estate. Visual confirmation, facilitated by a simple traffic light system, provides clear insight into the operational status of the site, displayed through intuitive icons, streamlining monitoring efforts from a single screen.
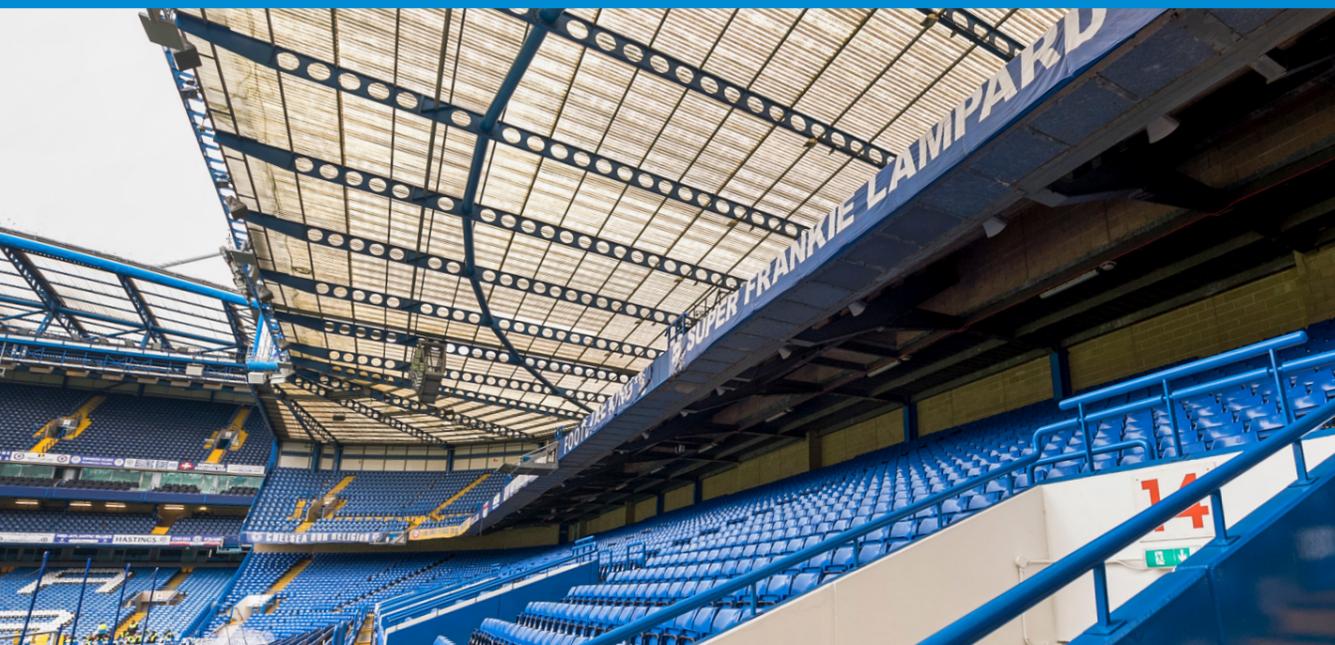
Implementing Logiqal Healthcheck Pro not only enables the timely resolution of detected issues during quieter periods, but also mitigates the risk of disrupting matchday operations. The proactive approach to maintenance reduces the reliance on emergency call-outs and effectively minimizes unforeseen downtime in the security system – a critical thing to consider during matchdays when the stadium hosts thousands of spectators. By pre-emptively addressing issues during off-peak hours, potential security incidents can easily be averted, ensuring seamless operations and enhancing overall stadium security.

THE RESULTS

"With Secure Logiq's expertise this is now by far the most sophisticated CCTV surveillance system ever installed into a UK sports stadium.

Secure Logiq has an enviable track record within sporting facilities security. The Chelsea project sets a benchmark for all stadia in the future. With a hardware upgrade not only vastly improving their existing system but also significantly reducing operating costs we couldn't ask for a happier customer."

– **Andrew Whelan – Managing Director of iC2**