



SECURITY | SAFETY | AUTOMATION



CASE STUDY

Modular MRI TClarke Healthcare

ASG UK are proud to have been involved in the successful delivery of a new Modular MRI facility for the Radiology Department at Gloucester Royal Hospital, delivered in partnership with TClarke Healthcare for Gloucestershire Hospitals NHS Foundation Trust. The project showcases how modular technology and expert collaboration can expand diagnostic capacity with minimal disruption to existing patient services.

TClarke Healthcare, part of the TClarke Group, is a leading specialist in building services for healthcare environments. The team delivers complex, technology-driven projects — from imaging suites to modular clinical spaces — with a focus on safety, quality, and reliability across NHS and private healthcare sectors.

Gloucestershire Hospitals NHS Foundation Trust provides acute hospital services across Gloucestershire Royal and Cheltenham General Hospitals, serving communities across the county and beyond. The Trust is committed to investing in modern facilities and technology to enhance patient care and improve access to advanced diagnostic services

Challenges

- Complex modular healthcare environment
- Zero disruption to operations
- Integration with existing systems

Benefits

- Seamless automation and access control
- Discreet CCTV patient monitoring
- On-time, compliant project delivery

ASGuk supported the successful delivery of Gloucester Royal Hospital's new modular MRI facility by integrating advanced automation, access control, and CCTV systems. Enhancing security, patient safety, and operational efficiency with zero disruption to clinical services.



1 Project brief

As part of the installation of a new Modular MRI System for the Radiology Department at Gloucestershire Hospitals NHS Foundation Trust, TClarke Healthcare appointed ASG UK to deliver specialist automation, access control, and CCTV systems to enhance security, efficiency, and patient monitoring within the new facility.

ASG UK was responsible for:

- Automatic Entrance Doors: Fully automated main entrance doors to ensure smooth and secure access, supporting DDA compliance and infection control measures.
- TDSi Access Control System: Secure access control integrated into the Trust's existing infrastructure, providing staff access management and full system interoperability.
- CCTV System: A compact, high-definition CCTV network allowing staff to discreetly monitor patient activity within waiting areas, improving safety and patient oversight.

2 Development *Automation Specification*

Label UK's NEPTIS Plus SLT swing door operator was specified for the main entrance automation. They key features of the NEPTIS PLUS SLT are:

- Safety and compliance: With fire-rating and compliance to EN16005, it helps meet regulatory and safety requirements.
- Enhanced longevity and reliability: The brushless motor avoids wear from brushes, reducing maintenance frequency and downtime.
- Low energy consumption: Reduced power draw makes it more efficient and cost-effective in continuous-use environments
- Accessibility and integration: Supports sensor triggers, access-control integration, and safe manual override — important in healthcare settings for infection control, accessibility and secure environments.

Access Control Specification

TDSI GARDiS was specified for the access control to ensure seamless integration in to the existing access control network across the wider hospital. TDSi are market leading manufacturers of innovative access control solutions with over 40 years of experience at the cutting edge of the access control industry.

CCTV Specification

Hikvision was specified for the CCTV installation to provide reliable, high-definition video monitoring. Hikvision is a global leader in video surveillance technology, renowned for its innovative, high-performance solutions that deliver exceptional image quality, intelligent analytics, and dependable operation in demanding healthcare settings.



3

Outcome

Working closely with principal contractor T Clarke Health Care, ASGUK delivered a coordinated multi-phase installation programme that integrated seamlessly with the wider construction schedule. ASGUK's flexibility and 30+ years of expertise in healthcare security and automation were essential in achieving a smooth, on-time delivery. The phased methodology allowed the team to adapt to site conditions as the project evolved, ensuring the final solution met both operational needs and healthcare compliance standards.

The new Modular MRI System has significantly boosted the Trust's diagnostic capacity, reducing patient waiting times and improving workflow efficiency. Delivered on time and with minimal disruption to clinical operations, the project stands as an excellent example of collaborative, forward-thinking healthcare infrastructure development.



Protecting people, properties and operations with bespoke solutions

ASGuk also supplies a range of IP CCTV security and entry control systems.

The systems range from standard to bespoke to provide an effective secure solution. We specialise in commercial and healthcare security safety and automatic entry systems. ASGuk already offers a clever solution for many schools throughout the UK and are currently used extensively.



SECURITY



SAFETY



AUTOMATION

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