Challenge

A leader and pioneer in specialist health care for children, Alder Hey has 270 beds, 16 digitally enhanced operating theatres, treats over 270,000 children every year and covers an area of 51,000 square meters, the size of more than 7 football pitches. The Hospital was challenged to provide a fully digital security solution, enabling and ensuring the safety of staff and patients, whilst allowing seamless integration of new security technology befitting a modern and innovative building for staff and patients at a time of need.

Solution

When Alder Hey moved to the newly built hospital constructed by Laing O’Rourke under the Private Finance Initiative they elected Check Your Security to perform an Enterprise Audit Report (EAR©) and upgrade them to a Fully Digital IP Access Control solution with 700+ Access Control Doors and the introduction of Automated Car Park Barriers, with ongoing advice and consultation from Check Your Security on future integration solutions and security services.

Benefits

A fully Digital System with future proofed access control & ease of growth built in ready, allowing for the immediate deployment of extra doors and the addition and removal of access control cards as and when required with TDSi management software.

- Quick incident resolution
- Advise on entire security operation at Hospital
- Increased overall security
- Security with area control
- Increase CCTV visibility
- Scalable IP Digital solution

Market: Health Care
Location: Liverpool
Partner: TDSi

Featured Products

MICROgarde® II
EXgarde™ PRO Security Management
EXsmart 2 Reader
Every year Alder Hey Children’s Hospital cares for more than 270,000 children, young people and their families and leads research into children’s medicines, infection, inflammation and oncology. They moved to the new Alder Hey in the Park in early October 2015.

Alder Hey Children’s Hospital is different and their job is more than just treating an illness. Alder Hey look after a child and their family which includes mums, dads, brothers and sisters. They treat everything from common illnesses to highly complex and specialist conditions from their main hospital site in Liverpool and across community sites and clinics throughout the North West.

“ACheck Your Security... much more than a security company”

- A Centre of Excellence for cancer, as well as spinal, heart and brain conditions.
- A Department of Health Centre for Head and Face Surgery.
- A Centre of Excellence for Muscular Dystrophy and the first UK Centre of Excellence for Childhood Lupus.
- One of four national centres for childhood epilepsy surgery, a joint service with the Royal Manchester Children’s Hospital.
- A designated Children’s Major Trauma Centre.

Alder Hey has Europe’s first intra-operative 3-T MRI scanner which is a pioneering technology for neurosurgery, reducing repeat operations in 90% of cases. Alder Hey is a (WHO) World Health Organisation accredited Health Promoting Hospital.

Key Statistics:
- 270,000 children treated each year
- TDSi Access Control System
- 700+ Access Control Doors
- Flir Video Management System
- 495+ Cameras

TDSI hardware:-
- 200+ MG1 controllers
- 200+ MG2 controllers
- 700+ EXsmart II readers
- Peripheral door furniture: BGU, PTE, Magnetic locking device

Serving children provides a unique set of challenges that must constantly evolve with the needs of the building, patients and staff.
Check Your Security has increased security and severely reduced investigation times. Consolidating two or three old access control badges for individuals has allowed for easier car park control and has given us the ability to edit or remove cards back to the Trust, making the process much more efficient for the customer and operator.

Having active security personnel on site on a weekly basis allows Check Your Security to advise and monitor the hospitals security, making sure Alder Hey keep ahead of each individual situation, enabling the Hospitals personnel continued use under secure and safe conditions.

“As Head of Security at Alder Hey it has been great to work with a company like Check Your Security which has more than exceeded our expectations. At a children’s hospital it goes without saying, the security and safety of our staff and patients is paramount.

EAR® gave us the confidence to put complete trust in Check Your Security in moving forward with projects of any size.

Check Your Security has enabled us to more than meet the needs of the Trust and deliver a security setup in keeping with the modern innovative building.”

Greg Murphy, Head of Security, Alder Hey Children’s Hospital

The basic specification per Access Control server is as follows:-

- Shallow Depth Rack Mounts
- Includes 8GB
- Intel Xeon E3 Processor
- Two LFF drive bays
- WS2012R2,
- 5YR NBD Wty
- 2 x 500GB SATA 3.5” Hard Drive
MICROgarde® II delivers a highly effective solution with central control and event reporting and may be used either independently or as part of a network. The system provides reliable access control for up to 400 doors. As a result, several were installed at Alder Hey to serve the 800 plus doors and provide a completely flexible management system and complete control.

Check Your Security is able to integrate Access Management and Integrated Security Software providing training to security staff and security solutions at great value to your business.

EXgarde® PRO is a fully featured Access Management PC software application that combines the latest in TDSi innovation in a single package with a user-friendly interface. It can be used to control one door at one site with a few users to thousands of doors at multiple sites with thousands of users.

EXgarde® PRO can be used to seamlessly integrate the many aspects of a security and building management system using a single database and a single user interface. All EXgarde® application modules can be set up, administered and managed from a single or multiple workstations.

Ease of integration and ease of expansion are key attributes of EXgarde® PRO providing numerous possibilities to integrate to the latest CCTV, Fire, Intrusion, Building Automation and Management, Active Directory and Biometric technologies.

EXsmart II Readers® allowed Check Your Security to extend within an integrated system, providing a flexible access control across the hospital for over 700+ access control doors.
To develop a strategy for this project, Check Your Security utilised a key product from their professional services division, the Enterprise Audit Report, EAR©.

The report creates a comprehensive overview of the current facility and allows Check Your Security to precisely forecast the needs and requirements of any building or site.

“The Enterprise Audit Report EAR© gave us the confidence to put complete trust in Check Your Security in moving forward with projects of any size.”

Greg Murphy, Head of Security, Alder Hey

Working as a mediator between building contractors and senior hospital personnel to create a bespoke interoperable security system meant the EAR© provided Alder Hey with all of the information to best understand and navigate towards a complete security solution.

The construction of the Hospital under the scheme was provided under a Private Finance Initiative (PFI) procurement method in a partnership arrangement with the building company Laing O'Rourke.

Alder Hey in the Park opened in March 2015 and comprises of the next generation of technologies which will improve the way healthcare is delivered in the North West region.

The joint purpose of the project was not only to design a security solution in the newly built In the Park hospital; but to incorporate a number of the existing 20th Century buildings currently in occupancy by the Trust.

“With the ability to provide a comprehensive security analysis of any site we are able to deliver a complete flexible solution for any clients needs, our upfront information gathering process the Enterprise Audit Report enables us to present clear and concise facts. We listen to our customers, gaining a deeper understanding of their core needs, tailoring our response to an organisation’s individual requirements, allowing us to be ready for the challenges of tomorrow.”

Clinton Button, Operations Director, Check Your Security LTD
Future Proofing Alder Hey...

“It’s a pleasure to be a part of the fabric that makes Alder Hey tick, providing a proactive service and ensuring the highest quality security measures are delivered.

We believe we have become an extension of the Alder Hey team, helping them continue the amazing job they do every day.

On behalf of Check Your Security we have great pride and feel privileged to be able to make staff and patients time here at Alder Hey safe and secure as possible at a time of need.”

Lee Walters, Northern Region Branch Manager, Check Your Security Ltd

Looking ahead...

As Alder Hey continues to grow and develop as a world leader in its field, Check Your Security will be able to deliver and develop new solutions for a safe, diverse digital future.

Check Your Security’s similar customers:

Norfolk and Norwich University Hospitals
Southend University Hospital

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