ASM
Powering Smarter Security



CASE STUDY

SUSSEX NHS FOUNDATION TRUST CHALKHILL

Improving safety and security across Sussex NHS Mental Health Hospitals

At a glance...

Since 2019 ASM have been working closely with Sussex Partnership NHS Foundation Trust to install security systems across an estate of circa 65 sites. As part of this ongoing project ASM undertook an installation project at Chalkhill Hospital in West Sussex. To improve on the safety and security of this unit, ASM were trusted to design, install and commission a new IP CCTV system, whilst being considerate to the sensitive nature of the site and keeping disruption to a minimum.

Solutions provided to Chalkhill included access control, CCTV, intercom and door entry, intruder alarms, and physical security.

What we do differently...

Breaking Industry Conventions

Smart Security Solutions

Dedicated Maintenance and Monitoring

About Chalkhill Hospital

Based in the grounds of Princess Royal Hospital, Haywards Heath, young people are admitted to Chalkhill for assessment and treatment for acute mental health needs, and cared for by an excellent group of medical professionals. As a mixed gender inpatient CAMHS (Child and Adolescent Mental Health Services) unit, patient safety is critical and as such careful consideration was needed, particularly in the design and product selection stages of the project.

About ASM

ASM are leading providers of Electronic Security and Monitoring Services in the UK and have been solving security challenges for over 30 Years. We couple engineering expertise with industry leading cloud technologies and fully accredited monitoring facilities to break from industry conventions to deliver smarter, scalable and efficient solutions. From critical national infrastructure, datacentres, aviation, financial and retail through to education and healthcare, we support a diversity of sectors and customers.

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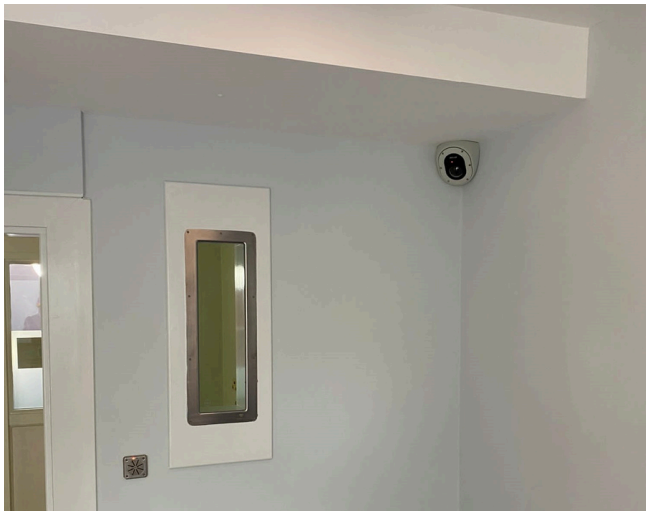
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What we did...

This project involved the design, installation and commission of a brand new IP CCTV system, including installing 53 new CCTV cameras, 3 internal monitoring workstations and new control and recording equipment. Selecting the correct equipment was vital, as the safety of the patients, staff and visitors of Chalkhill are paramount, and the sensitive nature of the site must be taken into consideration.

For seclusion suites and places of safety, specialist anti-ligature cameras were selected for installation. Designed specifically for areas where there is deemed to be a risk of harm, such as hospitals and prisons, these cameras are reliable and rugged. The high security corner mount cameras have strong metal construction, anti-ligature, non-grip surfaces, as well as vandal-resistant fasteners.



In the Education and Bedroom corridor areas it was vital to have the ability to see and monitor every inch, however the design of the building made this a challenge. Covering these areas with standard CCTV cameras would be difficult and require a considerable amount of cameras, adding on to the expense of the project as a whole. Instead, ASM chose 360-degree fisheye cameras. Utilising the ceiling mounted 360 panoramic cameras enabled ASM to achieve wide area coverage with just one camera, not only did this provide excellent coverage but using this technology enabled us to create multiple specific images at a time from the single camera. The reduction in camera numbers ensured service users felt comfortable in the environment knowing they are in a secure location, without feeling constantly watched, and also provided a cost benefit through a reduction in cabling requirements.

The hospital was operational 24/7 throughout this project, and existing CCTV systems were to be kept running to ensure there was zero downtime that could impact hospital operations. Keeping disruption to a minimum was a top priority when planning installations, and consultations with key stakeholders were held to decide on a program of works which was then submitted and approved prior to any works taking place.

All cabling and camera installations were meticulously planned to take place around times that caused the least disruption to staff, service users and visitors, which included out of hours working (overnight and at weekends). Regular updates and communications were provided to management teams to keep on top of potential unforeseen changes or circumstances that could affect planned works. This high level of communication enabled an agile, flexible and reactive approach, leading to the mitigation of any impacts to the overall timeline and a successful, on time project completion.

What we installed...

Access Control & Intercom

Paxton

Paxton Net2 utilising a centralised server for control across multiple sites, and Paxton Video Entry

Intruder Alarms

Texecom

Texecom

Monitoring Services

Sentinel

Utilising Sentinel software via our in house ASM NSI Gold Alarm Receiving Centre

Engineer Portal

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ASM intuitive app and engineer portal

CCTV

PELCO
VIVOTEK
HIKVISION

Pelco Corner Mount Anti-Ligature design, Vivotek 180 degree anti-ligature option, and Hikvision main Network Video Recoder (NVR)

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