



## TRANSFORM HOSPITAL OPERATIONS

# Smart location and IoT technology

Imagine giving precious time back to NHS frontline teams, time to focus on patients, not processes. You can streamline asset management, protect staff, and improve patient flow, by harnessing smart hospital technology and real-time data. This helps your hospital deliver safer, more efficient, and more compassionate care.

### The challenge for clinical and estates leaders

Clinical and operational pressures continue to rise across the NHS, and teams are working tirelessly to balance quality of care, safety, and efficiency. Yet, without the right visibility across people, assets, and environments, hospitals can face challenges such as:

- ▶ Equipment being underutilised or difficult to locate, leading to unnecessary procurement and excess inventory.
- ▶ Patient flow bottlenecks that contribute to longer transfer and waiting times, making it harder to optimise bed capacity.
- ▶ Time-consuming, manual processes for monitoring compliance, hygiene, and environmental standards.
- ▶ Limited data to support workforce, bed, and capacity planning.
- ▶ Greater reliance on bank and agency staff, as permanent teams spend valuable time searching for equipment or manually coordinating patient transfers and bed availability.

### Connecting people, assets and environments

Past solutions have often been limited to legacy, siloed point systems, which are expensive to maintain, difficult to scale, and unable to adapt to the fast-changing clinical and operational demands of today's NHS.

Block takes a different approach. We bring together location intelligence, environmental insight, and workflow automation into a single, flexible platform by connecting estates and clinical operations with real-time data to support safer, smarter, and more efficient care delivery.





### Asset tracking

Real-time visibility of medical equipment – helping staff find what they need, when they need it, reducing delays and improving use across the hospital.



### Staff safety

Protecting staff with real-time duress alerts, hand hygiene monitoring, and insights that help reduce pressure and create a safer environment.



### Maximised space

Monitoring bed and room occupancy in real-time, without tracking individuals, to support smarter space planning and reduce wasted capacity.



### Controlled environments

Reporting environmental conditions in fridges, vaccine freezers, and rooms to support product integrity, infection control, compliance, and safer care.

## Building the business case

Unlock all the benefits we've described, without disruptive server builds, complex cabling, or heavy ongoing maintenance. Block can work with Trusts to connect estates and clinical operations in real-time, so you can achieve measurable outcomes such as:

- ▶ **Reduction in equipment spend** through improved usage and less unnecessary purchasing
- ▶ **Lower costs from lost or misplaced equipment**, and less hoarding across wards
- ▶ **Greater efficiency from staff time** spent on bed planning and patient transfers
- ▶ **Fewer missed appointments and delays to treatment** from smoother patient flow
- ▶ **Improved infection control**, supporting safer environments for patients and staff
- ▶ **Potential bed days saved**, enabling faster patient throughput and better capacity management
- ▶ **Reduced reliance on bank and agency staff**, easing pressure on workforce budgets

## Why Block?

We work with trusted partners to deliver smart building technologies that meets the needs of digital, estates, and clinical teams.

### Built for digital and estates teams

- ▶ Integrates with existing infrastructure
- ▶ Cloud-managed with no on-premises servers
- ▶ Easy retrofit meaning less impact to services

### Trusted by clinical teams

- ▶ Built around frontline workflows
- ▶ Modular tools for assets, staff, patients, and rooms
- ▶ Simple apps and dashboards for real-time decisions



**Start small, scale smart** – run a pilot in one area, such as IV pump management, hand hygiene, or space occupancy.  
**Get in touch to discuss trialling the solution that will give precious time back to your teams.**