

SiYtE for Remote Equipment Rooms (CNI)



Thousands of dispersed and remote sites make it impossible to proactively monitor all locations for security risks such as trespass, theft or vandalism.



Critical equipment rooms often lack environmental monitoring, increasing the risk of unnoticed degradation, overheating, water ingress, internal flooding and fires. Causing outages and safety risks.



Batteries and sensitive equipment degrade between inspections, while mandated site visits are expensive and time-consuming.

How can AI help Protect and Optimise CNI?

Critical National Infrastructure (CNI) underpins the security, economy and daily life of the nation. From power generation to transport networks and telecommunications - CNI operators face growing pressures to maintain operational resilience, secure remote assets and protect vital services.

SiYtE Leverages Advanced AI to:

- Analyse real-time CCTV using any camera to detect and classify trespass, theft or suspicious behaviour.
- Automatically trigger alerts and deterrent announcements to prevent escalation of threats.
- Integrate data from IoT sensors to monitor temperature, humidity, battery condition and water leaks for early detection of environmental risks.
- Support energy efficiency and optimise maintenance schedules through continuous remote monitoring.
- Reduce the need for physical inspections by enabling internal cameras for remote audits and compliance verification.

Why Use SiYtE?

- **Enhanced Situational Awareness:** Real-time detection and response across every site, regardless of location.
- **Improved Resilience:** Early identification of risks supports proactive maintenance and reduces downtime.
- **Cost Savings:** Reduce the frequency of manual inspections and associated operational costs.
- **Compliance and Audit Ready:** Capture evidence remotely for governance, audit and assurance requirements.

