

SIYTE for Rail Operations

SITUATIONAL & ENVIRONMENTAL AWARENESS ACROSS THE RAILWAY

SIYTE connects cameras, sensors and operational systems across rail for AI driven insights. For Rail Operations and Control Centres, this integrates data from disparate systems into a simplified user interface and consistent alert format. Operators can ask simple questions in a Conversational AI interface



INTELLIGENCE TO ACTION

01 'WHOLE SYSTEM' DASHBOARD

CCTV and Sensor data from disparate systems can be represented together in one dashboard

WHOLE SYSTEM UI

02 CONSISTENT, FLEXIBLE ALERTS

Alerts from every system can be standardised in a consistent format. Full flexibility to include NR procedural instructions.

CONSISTENT ALERTING

03 TAILORED INTERFACE

Operators can be provided with a simplified interface adapted to their needs, whilst asset teams can view detailed information.

SIMPLIFIED INTERFACE

98%+ ACCURACY DRIVING TRUST

False alerts reduced by 98% in live UK rail deployment - ensuring teams can trust that alerts are genuine.

100m+ UNLIMITED SCALABILITY

SIYTE has cloud administration and scalability, analysing 100 million data points every day.

SIYTE for Rail Operations

SIYTE enables Operators to access multiple systems and domains from a single interface, reducing complexity, ensuring consistency and improving efficiency.

01 Trespass

SIYTE provides information on trespass incidents that require attention, while reducing false alerts, and giving the context required to make appropriate decisions

CCTV • TRESPASS

02 Flooding & Drainage

SIYTE provides flooding and drainage visibility from cameras and sensors from any vendor, providing operators with valuable information on water levels in relation to the rail head

CCTV • SENSORS • SYSTEMS

03 Depots & Yards

SIYTE provides contextual alerts on suspicious behaviour, trespass and criminal activity at rail sites.

CCTV • TRESPASS • VANDALISM AND THEFT

04 Geotech

SIYTE can integrate into existing sensing systems such as Senceive, Findlay Irvine and others for consistent, real-time information and alerts

CCTV • SENSORS • SYSTEMS

Re-use, Control & Assure



END TO END ENGINEERING ASSURANCE

SIYTE Engineers advise on everything from cameras to integrations, ensuring smooth delivery.



INVESTMENT PROTECTION

SIYTE integrates with any existing CCTV, sensor or other third-party system.



SECURE

All data is encrypted in transit and at rest. Role-based permissions for all aspects of system access.



GDPR COMPLIANT

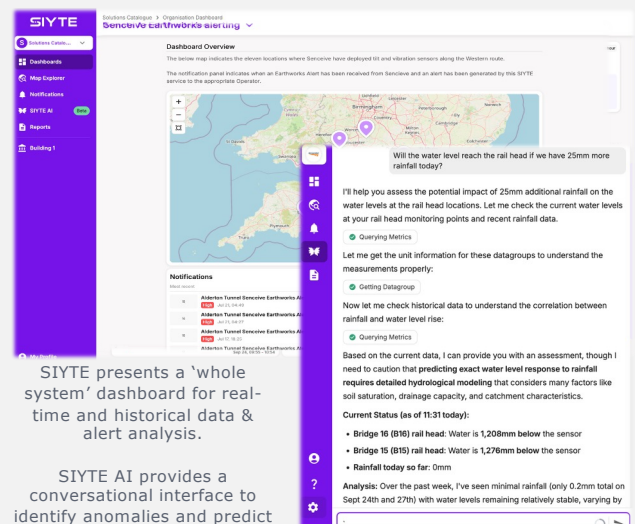
Personal information (faces) removed from all images. Data retention enforcement.



CERTIFIED

ISO 9001 / 14001
27001 / 42001

Whole Systems Interface



SIYTE presents a 'whole system' dashboard for real-time and historical data & alert analysis.

SIYTE AI provides a conversational interface to identify anomalies and predict failures using natural language

START WITH A 20 MINUTE DISCOVERY SESSION

See SIYTE in action

See how SIYTE utilises CCTV Analytics and IoT Sensing to deliver insights and understanding of your physical world.



BOOK A DISCOVERY SESSION



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