

SIYTE for Smarter, Safer Stations

OPERATIONAL INTELLIGENCE FOR SAFETY, SECURITY AND PLANNING

SIYTE transforms station cameras, sensors and systems into a unified real time operational view; to understand passenger movement, detect safety, security or operational concerns and coordinate a faster, evidence-based response.



INTELLIGENCE TO ACTION

01 STATION AS A SENSOR NETWORK

Integrate CCTV analytics & IoT sensors into a unified system to understand passenger flow and safety, and asset operations.

CAMERAS • SENSORS • SYSTEMS

02 PASSENGER AND STAFF SAFETY

Harness advances in CCTV analytics to protect passengers and staff from harm

TRESPASS • ASB • VAWG

03 CO-ORDINATED APPROPRIATE ACTION

Workflow to automate announcements and/or inform staff where intervention is required

AUTOMATION • ALERTS • ACCURACY

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.

The station as one connected environment

SIYTE uses CCTV and sensor analytics to deliver intelligence on station operations, passenger and staff safety and station security. SIYTE AI enables staff to query patterns, trends and anomalies, using an AI-driven conversational interface, to improve operational efficiencies.

01 Passenger flow, crowding and queue analysis

Utilise sensors & CCTV analytics to analyse passenger movements accurately, surfacing data to AI to improve operational planning

CROWDING • QUEUES • FLOW

02 Platform crowding and track trespass

Utilise CCTV analytics to identify platform crowding and track trespass, using SIYTE's unique algorithms to remove false alerts

CROWDING • TRESPASS • VULNERABLE PASSENGERS

03 Anti-social behaviour & violence against women and girls

Utilise advanced Vision Language Models to provide the nuanced context required to identify aggressive or anti-social behaviour

ANTI-SOCIAL BEHAVIOUR • VAWG

04 Station asset condition monitoring

Monitor escalators, lifts, doors, drains, ticket points, air quality and other facilities through IoT sensing.

ASSETS • ENVIRONMENT • FACILITIES

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 system.



SECURE

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



GDPR COMPLIANT

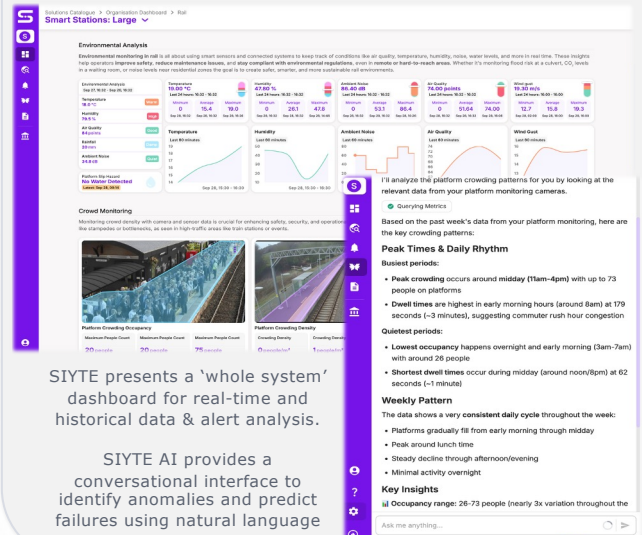
Personal information (faces) removed from all images. Data retention enforcement.



CERTIFIED

ISO 9001 / 14001
27001 / 42001

Whole Systems' Interface



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



info@siyte.com



siyte.ai