

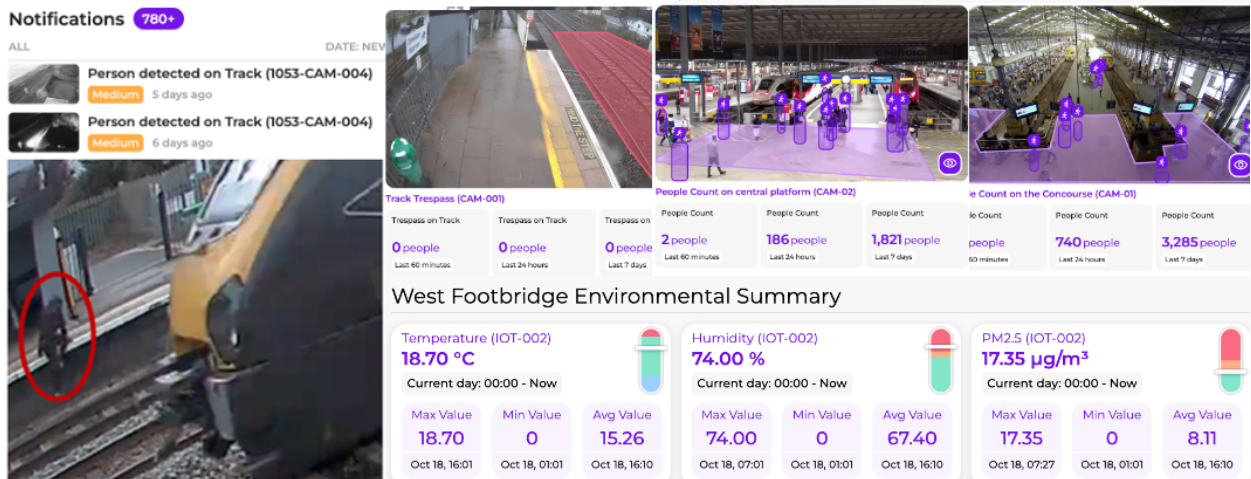
SIYTE for Smarter, Safer Stations

SIYTE Smart Analytics

 Our mission is to harness AI to enable the rail industry to improve safety and train performance. Our SIYTE platform focuses on key challenges affecting performance - flooding & drainage, trespass & criminal activity and situational & environmental awareness of relocatable equipment buildings.

The Benefits of SIYTE in Stations

-  **Trespass** is a significant cause of train delays. At one unstaffed station where SIYTE is installed, it detected 6 track trespass incidents in just 6 weeks, with many of them children. Most would not have been reported without SIYTE.
-  Platforms can become crowded very suddenly, both a common cause of delay and a safety concern. SIYTE can detect **platform crowding** and combine this with train arrival data to provide comprehensive real-time monitoring.
-  Especially at unstaffed stations, **station and platform** usage is useful but difficult to measure. SIYTE can measure and provide this, as well as trend analysis over time
-  Passengers requiring **mobility assistance** without station knowledge may miss trains or result in possible delays. SIYTE can alert staff at stations or on trains when a passenger with a mobility aid is detected on the platform without identified assistance ready.
-  There are a wide range of uses for **IoT sensors**, such as air quality, escalator operation, lift and toilet usage and drain levels. SIYTE combines data from both cameras and sensors.



SIYTE is a cloud-based platform requiring no camera asset renewal with:

- Integration with existing CCTV infrastructure (no smart cameras required), using small local compute nodes to analyse camera streams at stations.
- Cloud scalability, enabling hundreds of sites to be centrally configured and managed.

For more information or a demonstration please contact info@purpletransform.com

