

INDRA Selects Citilog for Superior Incident Management at the Silvertown Tunnel

INDRA has awarded Citilog a contract to deploy its cutting-edge automatic incident detection (AID) system for the Silvertown Tunnel, currently under construction beneath the River Thames. This crucial infrastructure project aims to enhance mobility and safety within the city, and Citilog's solution is designed to maximize efficiency and reliability. This strategic deployment is set to establish a new standard in Intelligent Transportation Systems (ITS), revolutionizing the mobility experience. Citilog will integrate its state-of-the-art AID system into another prestigious project, further expanding its impressive portfolio of installations at iconic locations.

Key Challenges and Needs:

- **Congestion Reduction:** The tunnel network between the Greenwich Peninsula and West Silvertown faces heavy traffic, causing significant congestion and delays.
- **Safety and Incident Management:** Operators need real-time incident detection and response to maintain safe and efficient traffic flow.
- **Advanced AID System:** The system minimizes false alarms while maintaining high detection accuracy.

Our Solution:

- **Automated Incident Management for 59 CCTV Cameras:** Our solution ensures safety and operability, even in exceptional situations, by guiding operators through correct responses.
- **Advanced Deep Learning:** Utilizing thousands of video clips to train an advanced network, our solution significantly reduces false positives, allowing operators to focus on genuine emergencies.
- **Highly Flexible and Configurable:** Our incident management system is adaptable to future needs and can be easily upgraded and extended.



Silvertown_Tunnel_boreholes

Low false alarm rate

"Our long-standing partnership with INDRA has been instrumental in providing the AID system for the Silvertown Tunnel. Our excellent detection rate, low false alarm rate, and rapid incident response align perfectly with our commitment to safety and efficiency," said - Volkert Samplonius, VP Iberoamerica, Israel, South Africa, Australia, and New Zealand.

Citilog remains dedicated to advancing transportation technology, empowering road operators, and ensuring safer journeys for all.