



IRISITY

# Transportation

Enhance Safety and Security While Revolutionizing  
Transportation Efficiency With AI



- ▶ Open platform
- ▶ Integrates with any IP camera and VMS
- ▶ On-prem & cloud deployment

## Work Less, See More

Irisity's AI video analytics solution serves enterprise transportation customers such as railways, metro stations, tunnels, bridges, airports, and seaport authorities.

For more than two decades Irisity has solved global safety and security challenges by heightening situational awareness, detecting security breaches, offering forensic investigation capabilities, and providing raw and analyzed data for enhanced operational efficiency.


Area	Challenge	Solution
Intelligent Video	Vehicles in unauthorized areas and/or traffic issues.	Stopped vehicle for automated traffic monitoring, congestion detection, and anomaly identification enhances operational efficiency.
Perimeter Protection	Long range surveillance along perimeters of roads, railways or airports.	Differentiate between potential security threats, minimizing false alarms while maximizing detection accuracy.
Real-time Alerts	Capture and detect security breaches or accidents in real-time to react with speed and efficiency.	Optimize your video surveillance system to generate immediate alerts and notifications when suspicious activities or security breaches are detected.
Predictive Maintenance	Missing signs of issues before they become serious incidents.	Detect potential maintenance issues in tunnels, harbors, airports and more before they escalate into safety hazards or disruptions.
Emergency Management	Every second counts, and effective response and alarm management is critical to emergencies.	IRIS+ realtime analytics is integrated to emergency response systems to enable rapid coordination in response to security incidents, accidents, or natural disasters.
Investigation	Many hours of materials to review in order to secure footage of incidents.	IRIS+ Investigation™ helps pinpoint when incidents takes place, playing a crucial role in post-incident analysis and forensics by providing detailed insights along with footage of events.


Irisity is a global provider of AI-powered video analytics software, with 20 years of experience in a variety of vertical markets. Irisity offers real-time detection, search, and operational insights to their customers through both on premise or cloud deployments.

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# Customer story

Pune City Police Department / Pune City Surveillance (PCS) project

## Challenge

As one of India's most car-congested cities, traffic management poses another challenge. Prior to the new city surveillance deployment, traffic crime was managed reactively, action and response were delayed, traffic was not monitored properly, and personnel costs for investigations were high.

## Solution

One hundred fixed cameras in key locations were enabled with Irisity's video analytics with rules configured to meet PCS requirements, specifically: real-time alerts upon detecting traffic violations and unusual crowd behaviors, as well as video search capabilities to enable rapid post-event criminal investigations.

## Result


The effect was immediate as it enabled PCS operators to receive automatic alerts in real-time, significantly cutting down response time and increasing detection rates. Within the first year of operations, the city was able to reap the financial benefit of 2,000 tickets issued to drivers for traffic violations, with video analytics playing a crucial role in detecting the infractions. Additionally, alerts are generated for security breaches and unusual behaviors such as loitering, crowding, and unattended objects.


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