

Transforming Transit Safety with AI-Powered Video Intelligence

TransitWatch



LTM x ASUS x intel

By leveraging Intel® technologies, TransitWatch by LTM helps address manual surveillance delays across complex, high-volume transit environments, enabling faster incident response and improved operational safety.

TransitWatch is an AI-powered video intelligence solution that transforms conventional surveillance infrastructure into an intelligent edge-based monitoring platform for transportation and public infrastructure environments. Deployed on the ASUS NUC 15 Pro+ and powered by Intel® Core™ Ultra processors (Series 2), the solution delivers real-time video analytics directly at the edge, enabling rapid detection of safety, security, and operational events with low latency and reduced infrastructure dependency.

TransitWatch continuously analyzes live camera feeds to identify incidents such as yellow-line crossings, unattended baggage, restricted-area intrusions, crowding, wrong-direction movement, and fallen passengers. The platform provides automated alerts, centralized dashboards, incident evidence management, and actionable insights that help operators improve situational awareness and accelerate response times. By combining advanced AI video analytics with Intel-powered edge computing, TransitWatch enhances passenger safety, strengthens security operations, optimizes resource utilization, and maximizes the value of existing camera investments while enabling scalable, cost-effective deployment across transit networks.

*TransitWatch by LTM delivers real-time AI video intelligence that empowers transit operators to **detect incidents faster, improve situational awareness, and enhance operational safety.***

Intel Products & Technologies
Accelerating AI and analytics at the edge



[Intel® Core™ Ultra Processors \(Series 2\)](#)



[Metro AI Suite](#)



[OpenVINO™ Toolkit](#)



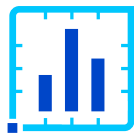
[Deep Learning Streamer](#)

Key Intel-Enabled Features

Real-Time AI and analytics make it easy



Real-Time
Edge AI



Low-Latency
Analytics



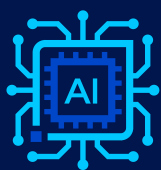
Multi-Camera
Processing



AI-Accelerated
Insights

Powered by Intel® processors and optimized with the OpenVINO™ toolkit, LTM and ASUS deliver:

01



Intel® Core™ Ultra
processors deliver
responsive edge AI
performance.

02



OpenVINO™ toolkit
optimizes real-time video
analytics inference.

03



Deep Learning Streamer
scales video processing
across camera feeds.

04



Metro AI Suite
streamlines edge
AI deployment and
orchestration.

That's the power of Intel Inside®.

Country/Geo:

India

Verticals:

Manufacturing & Energy; Security
& Surveillance; Smart Buildings;
Smart Cities & Transportation

Use Cases:

Advanced Video Search; Live
Video Stream Analysis; Loitering
Detection; Video Analytics;
Occupancy & Space Utilization;
Critical Infrastructure Monitoring

About LTM

LTM is a leading global technology consulting and digital transformation organization and a Larsen & Toubro company. With deep expertise across industries, LTM combines human ingenuity with advanced technologies, including AI, to help enterprises accelerate innovation, enhance operational excellence and achieve sustainable business growth at scale.

www.ltm.com

[TransitWatch - Edge AI Partner
Spotlight](#)

intel ai

Intel® AI Edge Applications

About ASUS

ASUS is a global technology company driven by innovation and passionate about enhancing digital life. It designs and delivers a broad range of products and solutions that empower people and organizations, combining cutting edge engineering, quality, and sustainability to create intuitive, reliable experiences for users worldwide.

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[ASUS NUC 15 Pro+ - Edge AI
Partner Spotlight](#)

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Intel® AI Edge Systems

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