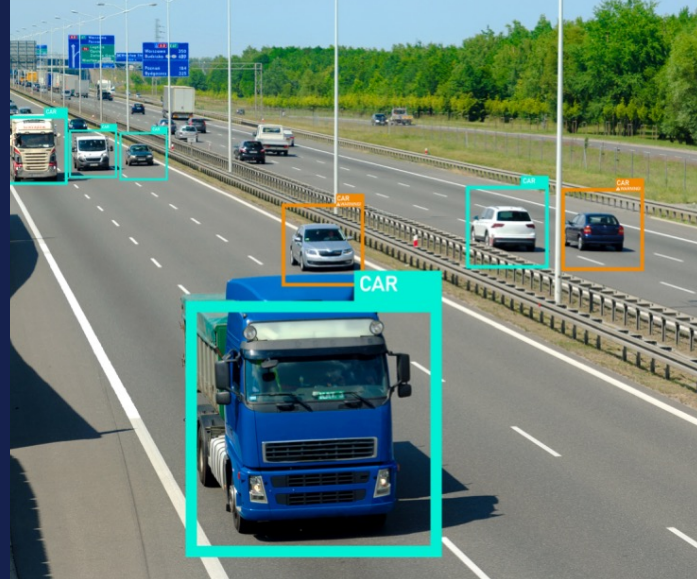


Real-Time Vision AI for Actionable Intelligence at the Edge

OKEAN®



OKEAN® is a sovereign AI-powered Video Intelligence Platform designed for smart city and enterprise environments, transforming existing camera infrastructure into intelligent, real-time sensing nodes. Built for operational simplicity and scalability, OKEAN eliminates the need for costly infrastructure overhauls while delivering actionable insights at the edge. OKEAN's flagship applications — TrafficMon for traffic monitoring and analytics, and DeepVue for deep vision-based detection and behavioral insights — run natively on Intel® Core™ Ultra-powered edge devices.

The integrated NPU handles AI inference workloads efficiently, while the OpenVINO™ runtime ensures optimized, consistent model performance across diverse deployment environments. At the server tier, OKEAN's Central Management System runs on Intel® Xeon®-powered infrastructure, enabling centralized orchestration, analytics aggregation, and multi-site fleet management — completing a full-stack, end-to-end Intel®-validated architecture from edge device to data center. Deployed on ASUS NUC 15 Pro+, a compact, high-performance edge system powered by Intel® Core™ Ultra processors (Series 2) with integrated GPU and NPU acceleration, the platform enables low-latency, high-throughput AI inference directly on-site, ensuring efficient, scalable edge AI processing and consistent real-time video analytics across distributed deployments.

*Scalable
video
intelligence
from a
single site
to city-wide
deployments*

Intel Products & Technologies

Accelerating AI and analytics at the edge



[Intel® Core™ Ultra
Processors](#)



[Intel® Core™
Processors](#)



[Deep Learning
Streamer](#)



[Intel® Iris® Xe
Graphics](#)



[OpenVINO™
Toolkit](#)



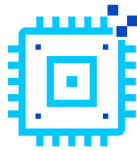
[Intel® Deep
Learning Boost](#)

Key Intel-Enabled Features

Real-Time AI and analytics make it easy



Faster Edge Inference



Integrated NPU
Acceleration



OpenVINO™ Ready



Edge Scalability

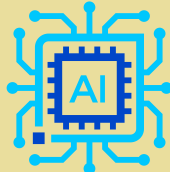
Powered by Intel Processors and optimized with the OpenVINO™ toolkit, Vehant and ASUS deliver:

01



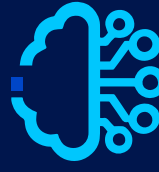
Integrated NPU
accelerates AI inference
at the edge

02



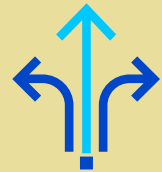
Optimized AI
performance with the
OpenVINO™ toolkit

03



Intel® Core™ Ultra
processors boost
edge AI workloads

04



Intel® architecture
enables scalable edge
AI deployment

That's the power of Intel Inside.

Country/Geo:

Worldwide

Verticals:

Video Safety & Critical
Infrastructure; Transportation;
Manufacturing

Use Cases:

Public Safety & Enterprise
Security; Smart City & Critical
Infrastructure; Video Analytics;
Hazard Detection; Worker Safety;
Airports and Road Infrastructure

About Vehant Technologies

Vehant Technologies, an IIT Delhi-incubated company, delivers AI-driven security and safety solutions under the Make in India vision. Its advanced video analytics platform transforms video into actionable intelligence for real-time awareness and threat detection, complemented by indigenous security products including X-ray scanners, UVSS, body scanners, and explosive trace detectors.

vehant.com/solutions/ai-platform

OKEAN® Video Intelligence
Platform - 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.

www.asus.com

ASUS NUC 15 Pro+ - Edge AI
Partner Spotlight

intel ai

Intel® AI Edge Systems

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