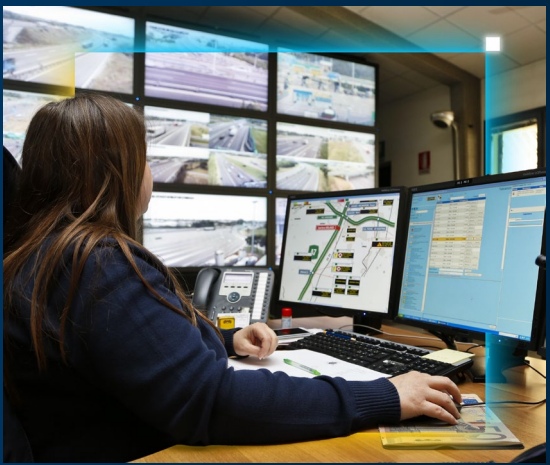


AI-Powered Edge Computing for Real-Time Intelligent Analytics

AI Fusion Analytic Insight Engine



“The AI Fusion Analytic Engine offers an exceptionally cost-effective solution, integrating multiple roadside sensors and advanced AI analysis to extract actionable insights. This empowers better management and more informed decision-making.”

The solution uses Rontex Technology’s Edge Intelligent Gateway, Intelligent Fusion Server, and AloT Management Platform to deliver real-time intelligent analytics across industries.

By integrating AI with IoT and edge computing, it enables efficient, low-latency data processing and reduces bandwidth costs. Supporting AI-powered multi-channel video decoding and structured analysis, it’s ideal for smart traffic management, intelligent construction monitoring, and factory automation.

Applications include vehicle and pedestrian tracking, safety monitoring, machine condition monitoring, control optimization, autonomy, and energy management.

This scalable solution improves efficiency, safety, and decision-making across various sectors, providing a powerful AI-driven approach to industrial intelligence and operational optimization.

Key Intel-Enabled Features



Real-Time
AI Edge
Analytics



Multi-
Channel
Video
Processing



Cost-Efficient
AI Inference



Low
Latency

accelerated by **intel**

Powered by Intel® Xeon® and Intel® Core™ processors and optimized with the OpenVINO toolkit, Rontex Technology delivers:

- Flexible compute from edge to cloud with Intel Core and Intel Xeon platforms
- Boosted speed, less latency and bandwidth costs using local inference on Intel Core
- Large models and hybrid workloads for continuous training enabled by Intel Xeon
- Co-inference with Intel Core + Intel Xeon balances latency, accuracy, and generalization

Intel Products and Technologies

- [Intel® Xeon® Scalable processors](#)
- [Intel® Arc Discrete Graphics](#)
- [Intel® Core™ Processors](#)
- [Intel® OneAPI](#)
- [Intel® Data Center GPU](#)
- [Intel Distribution of OpenVINO™ Toolkit](#)

Dr. Yongyi Lin
Vice President
China Telecom

Ordering Guidance:
[Rontex Technology Website](#)

Country/Geo: Worldwide

Verticals: Retail, Digital Manufacturing, Energy, Transportation

Use Cases: Machine Condition/Situational/Environmental Monitoring, Asset & Operations Optimization, Energy Monitoring & Management

AI Workload: Real-Time Analytics

Learn more:
• [Rontex Technology Website](#)

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