5G Edge Partner Program: Atos

Combating challenges by incorporating computer vision alongside real-time analytics, businesses have the potential to make significant advancements in their operations, research, and security quality while *prioritizing safety*

Computer Vision Platform:

The Atos Computer Vision Platform is a cutting-edge, scalable video and image analytics solution designed to create a safer and smarter world. This platform incorporates a comprehensive suite of pre-trained and customizable AI models, allowing organizations to efficiently process and analyze large volumes of complex video and image data in real-time. By leveraging this technology, businesses can automatically monitor and manage operations, improve working practices, and enhance security and surveillance protocols to ensure the safety of both people and assets. The platform caters to a diverse range of sectors, including manufacturing, transport, retail, airports, schools, and warehouses, with tailored use cases to meet specific industry needs.



Software Suite

Ipsotek is a trailblazer in developing artificial intelligence-based video analytics solutions that cater to mission-critical applications. Its solutions are highly configurable, making it possible to search, analyze and quantify video footage. This, in turn, enables the generation of crucial operational insights that lead to faster response times for operators and the ability to

monitor real-time behaviors in dynamic and complex environments. Ipsotek's technology finds application in a wide range of scenarios such as crowd management, intrusion detection, threat detection, perimeter protection, number plate recognition, traffic management, and even personal protective equipment (PPE) monitoring.

Patented Rule Based Engine

The core Video Analytics element of VISuite AI is Ipsotek's patented Scenario-Based Rule Engine (SBRE), a powerful tool to precisely define behaviors of interest as they would unfold in the real-world dynamic and complex environment.

Full range of edge computing servers from edge datacenter/cloud to far edge

Atos Computer Vision Platform is based on compute

intensive servers allowing cloud to edge computer vision models to process data in real time anywhere,

Key Features

Pre-Trained AIVA Detection, Classification, & Tracking Engine

Flexible advanced scenario mapping with 100+ templates

Custom Reporting

Real Time Alerts

Post Event Search and Tracking

Detailed API & 3rd Party Integrations



Key Benefits

Real-time Alerts

These innovations enable you with the ability to identify, evaluate, and respond to customer needs in real-time while differentiating your business in a competitive market.



Rapid configuration and deployment

Eliminate the cost of an in-house data center and the time associated with manual processes.

Advanced customer insights.

Enriched object intelligence

Our computer vision software can track and alert businesses around inventory, lost/stolen items or any safety or security risks around your business

Low False Alarm Rate

Enhanced Security

Real-time video surveillance to detect abnormal behavior and prevent threats. Automatic alerts enabling staff to move according to the needs.

All-in-one: edge computing hardware range, Al software & service

About the 5G Edge Partner Program

The 5G Edge Partner Program aims to accelerate 5G Edge adoption and development by partnering with best-in-class, cross-industry application providers and developers who will change how we live, work and play. Verizon was the first in the world to launch 5G mobility service for customers in 2019 and continues to work with key partners to lead the development of the 5G ecosystem.

Why Verizon and Atos

Verizon Business and Atos have announced an industry-leading partnership to power intelligent IoT solutions with private, 5G multi-access edge computing. These innovations enable real-time visibility into your operations or customer experience through your existing infrastructure such as cameras, sensors, and IoT devices.

The scalable solution is available to customers across a variety of industries - including transport, industrials, logistics and manufacturing - and highlights the impact that secure, multi-access edge computing can have on an organizations' bottom-line.

With Verizon, you can count on:

- **Superior coverage.** Our 4G LTE network covers 327 million people; that's over 99% of the U.S. population
- **5G innovation.** Verizon 5G Ultra Wideband gives you ultrafast speeds, with low lag and massive capacity
- **Trusted security.** Managing over 500,000 security network and hosting devices gives us valuable insights into the digital landscape
- Easy integration. We've certified 900+ machine-to-machine (M2M) chipsets, modules and devices

