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10 Ways to Boost Your Smart Traffic Systems with Swim ESP[™]

Swim ESP[™] is a powerful edge-based addition to traffic deployments that transforms your Advanced Traffic Management Systems (ATMS) with machine learning. Swim ESP is designed to "plug & play" with existing traffic systems, where it delivers context-relevant insights precisely where and when they are needed, empowering traffic operators and city managers in real-time.

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Affordable Learning at the Edge

Swim ESP integrates with your existing traffic systems to learn insights on the fly, avoiding the cost and complexity of cloud-based transport, storage, and processing of raw sensor data.

Secure by Design

Swim ESP security utilizes an immutable hardware root of trust, standing as a sentinel between deployed traffic infrastructure and city operations applications.

Plug & Play Traffic Insights

Swim ESP discovers and learns on your existing traffic infrastructure with minimal configuration, before diving into your data to hunt for unseen trends.

Real-time Edge Processing

Swim ESP automatically discovers insights in the flood of real-time data generated by connected traffic infrastructure with machine learning at the edge. Swim provides cost savings by providing insights locally, reducing the need to transmit, store and process it in the cloud.

Machine Learning for Legacy ATMS

Swim ESP securely and affordably delivers traffic Insights, Intelligence and Internet connectivity to legacy traffic management systems, without the complexity and cost of bandwidth, storage and cloud based processing.

Transform Raw Sensor Data

Swim consumes data on devices at the edge, transforming floods of lowvalue traffic events into manageable streams of insights and predictions that help operators respond quickly, and make insights consumable by Smart City applications.

Insights Where You Need Them

Swim intelligently transforms floods of raw

Real-time ATMS Monitoring

Swim ESP provides traffic operators and city managers with full insight into operational issues and ATMS performance, while providing detailed insight into the state of individual devices and sensors deployed in the field.

Supercharge Smart City Applications

Swim ESP continuously delivers real-time insights directly to operators and Smart City apps to facilitate fast decision making.

Improve Existing Traffic Infrastructure

It's expensive and effortintensive to replace legacy traffic systems for newer, connected systems. Swim ESP complements existing traffic systems, without requiring new skill-sets or management frameworks.

traffic sensor data into high-context streams of insights and predictions, delivering contextrelevant insights to traffic operators and city managers in real-time.



Learn how Swim ESP can help enable your Smart Traffic applications at <u>www.swim-iot.com</u>

