

# 10 Benefits of Swim ESP™

Swim ESP™ is a powerful edge-based addition to sensor-rich industrial environments that transforms your Operational Technology (OT) with machine learning. Swim ESP is designed to “plug & play” in existing industrial environments, where it delivers context-relevant insights precisely where and when they are needed, so you can make business decisions in real-time.

## Affordable Smarts at the Edge

Swim ESP uses commodity devices to learn insights, on the fly, avoiding the cost and complexity of cloud based transport, storage and processing.

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## Plug & Play OT Insights

Swim ESP drops into OT environments with minimal configuration before diving into your data to hunt for unseen trends.

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## Secure by Design

Swim ESP security utilizes an immutable hardware root of trust, standing as a sentinel between OT environment, and enterprise IT systems.

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## Real-time Edge Processing

Swim ESP automatically discovers insights in the flood of real-time data generated by typical OT environment using machine learning at the edge. Swim provides cost savings by providing insights at the edge reducing the need to transmit, store and process it in the cloud.

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## Brown Field or Green Field

Swim ESP securely and affordably delivers Insights, Intelligence and Internet connectivity to brown-field OT environments, without the complexity and cost of bandwidth, storage and cloud based processing.

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## A Solution for IT and OT

Both IT and OT Pros have a stake in the success of IIoT efforts, but each has different oversight needs. Swim ESP provides IT full insight into operational issues, while providing OT detailed insight into the performance of the OT assets.

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## Transform Raw Sensor Data

Swim consumes data on devices at the edge, transforming floods of low-value events into a manageable streams of insights and predictions that help operators respond quickly, and make ERP applications more valuable.

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## Continuous Monitoring of OT Assets

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

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## Insights Where You Need Them

Swim intelligently transforms floods of raw sensor data high-context streams of insights and predictions and delivers context-relevant insights to OT operators, business applications, and IT professionals.

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## No Forklift Required

Enterprises can't forklift existing OT systems and risk production outages with unproven 3rd party clouds. Swim ESP complements existing industrial systems, without requiring new skill-sets or management frameworks.

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