

Reduce Idle Time for Hub-Based Delivery Operations

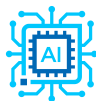
RiderTrack

In hub-based delivery models like "dark stores," inefficiencies often stem from idle clustering of riders—not actual agent scarcity—leading to inflated surge pricing, poor workforce utilization, and customer dissatisfaction. Pattern AI's RiderTrack, powered by EdgeVision, uses edge-optimized computer vision and AI to detect idle clusters, verify agent presence via facial recognition, and correlate activity with weather and demand data.

Designed for edge deployment, RiderTrack runs efficiently on Intel® Core™ Ultra processors with integrated GPUs and Intel® AI Boost, and is accelerated by the OpenVINO™ toolkit. This enables low-latency, on-site inference—empowering delivery platforms to reduce artificial surge pricing, improve agent productivity, and enhance operational transparency without relying on cloud connectivity.



Key Intel-Enabled Features



On-Device Inference



Idle Cluster Detection



Facial Verification

Powered by Intel® Core™ Ultra Processors and optimized with OpenVINO™ Toolkit, Pattern AI's RiderTrack delivers:

- On-device inferencing for fast, efficient edge AI.
- Real-time facial verification supported by OpenVINO™ toolkit, which optimizes and accelerates AI models for fast, efficient edge inference.
- Idle cluster detection runs locally with Intel-optimized vision models for low-latency insights.

Intel Products and Technologies

- [Intel® Core™ Ultra 9 Processor 285H](#)
- [OpenVINO™ Toolkit](#)

*Real-time rider insights powered by Intel® Edge AI for **smarter, faster delivery ops.***

Ordering Guidance:

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Country/Geo: US/Canada; India

Edge Vertical/Industry: Manufacturing & Robotics; Retail

Edge/Use Cases: Operational Efficiency; Worker Safety, Loss Prevention, Event Video Summarization

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