

Intelligent, Automated Table Management With Vision AI

TableWatch

TableWatch by DifiNative is a Vision AI-powered platform, powered by SquirrelVision, that transforms restaurant operations with intelligent, automated table management. It helps solve key business challenges—reducing wait times, improving staff efficiency, and increasing revenue—through real-time occupancy detection, service status recognition, and AI-driven duration tracking.

The platform uses optimized object detection models and real-time video processing to power intuitive dashboards that guide staff actions. On-premise data processing ensures privacy, supports GDPR compliance, and eliminates cloud dependency. Flexible architecture scales from single outlets to enterprise-wide deployments.

Powered by Intel® Core™ Ultra processors with integrated NPU and Intel® UHD Graphics and accelerated with OpenVINO™ toolkit, TableWatch also benefits from dynamic CPU scaling via the Intel® pstate_driver for responsive, energy-efficient edge inference.



Key Intel-Enabled Features



Real-Time
Detection



Edge
Inferencing



Object
Tracking



Privacy

Powered by Intel® Core™ Ultra processors with integrated NPU and optimized with OpenVINO™ toolkit, DifiNative's TableWatch delivers:

- Real-time guest detection through fast, on-device AI that leverages integrated GPU and NPU acceleration
- Plate and object tracking enabled by low-latency edge inference using INT8 precision
- Local AI analysis of table activity for responsive performance and privacy
- Instant occupancy sensing through efficient visual analysis on the Open Edge Platform

Intel Products and Technologies

- [Intel® Core™ Ultra Processors](#)
- [OpenVINO™ Toolkit](#)

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*Run AI locally
for **private,**
fast, and
efficient table
management—
**no cloud
required.***

Ordering Guidance:

- [DifiNative | Contact Us](#)

Country/Geo: Europe, Middle East, and Africa; Asia Pacific, Japan, Australia & New Zealand; India

Edge Vertical/Industry: Retail

Vertical Use Cases: Order Accuracy; Order Validation

Learn more:

- [DifiNative Website](#)
- [SquirrelVision Website](#)