



AoL Samurai Suite

“Samurai moves the market forward, detecting events in real time

It redefines the industry standards by offering a fast, low-cost, low power, AI enabled solution out of the box.

Package Options

Base Samurai Suite

Provides foundational features, including detection, counting, Re-ID, and dwell occupancy.

Monitoring Suite

Focuses on health and status monitoring of all connected devices and infrastructure.

ALPR Suite

Includes blacklist, alerting, and occupancy detection functionalities.

ALPR Infringement Suite

Expands ALPR capabilities with specialized infringement detection.

Contact Us!

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ART OF LOGIC
MACHINE LEARNING & ARTIFICIAL INTELLIGENCE

Samurai Suite – Integrated AI Platform

Samurai Suite combines advanced **video analytics** with proactive **system health monitoring** in one powerful platform. From **ALPR**, **people counting**, and **object detection** to **real-time infrastructure diagnostics**, it delivers actionable insights and reliable performance — all from a single, centralized dashboard.



Event Log & Metadata
Collection



Real-time alert



Business Intelligence
insights

Key Features

Automatic License Plate Recognition – ALPR



- **ALPR Infringement:** Tracks and reports infringing vehicles.
- **ALPR Blacklist:** Identifies vehicles via predetermined list.
- **ALPR Occupancy:** Monitors vehicle occupancy in specific areas.
- **ALPR Alerting:** Notifies users of critical events based on defined criteria.

Object Detection:



- **Detect:** Identifies and tracks objects within defined regions of interest.
- **Re-ID (Re-Identification):** Follows a single object across multiple cameras, improving surveillance accuracy.

Dwell-Time Functionality:



- Tracks time-based data for occupancy and traffic flow within specific periods.

Health Monitoring:



- Enables comprehensive monitoring of connected devices, servers, and network health.

Counting:



- **Line Crossing Count:** Tracks items or individuals crossing defined lines.
- **Region of Interest Count:** Monitors and counts within determined areas, such as entry points or specific zones.

Analytics Dashboard:



- **Data Twin:** Presents real-time and historical data for all monitored elements in a single view.

Benefits



- **Reliability:** Reduce downtime with proactive health monitoring and automated fault recovery
- **Efficiency:** Save time and resources with one platform for both analytics and diagnostics
- **Scalability:** From single sites to enterprise rollouts, easily expand as your needs grow
- **Compliance:** Privacy-first design: non-biometric, regulation-friendly technology

Industries Applicable

Ideal for organizations of all sizes and industries seeking to strengthen monitoring, analytics, and control with scalable, real-time solutions.

