

intellisession®

A suite of AI-powered video intelligence

solutions for safer, smarter roadways.



By 2050, two out of every three people on the planet will live in cities. Traffic volumes are rising faster than infrastructure can expand, placing unprecedented pressure on roadways, intersections, and transportation agencies. The challenge is no longer visibility. It's understanding, anticipation, and action — in real time.

Intellisession® is a suite of AI-powered video intelligence modules designed to transform existing roadway video into a comprehensive traffic management platform. Developed by ISS (Intelligent Security Systems), Intellisession® enables agencies to monitor, analyze, and optimize traffic ecosystems proactively, improving safety, efficiency, and mobility at scale. **One platform. One operational view. Total traffic awareness.**

THE INTELLISECTION® SUITE



INTELLISECTION® SOTERIA

Unified traffic flow analysis and incident management



INTELLISECTION® AIDE

Automated incident detection



INTELLISECTION® FLOW

Comprehensive traffic data analytics



INTELLISECTION® GRIDSYNC

AI-powered intersection monitoring and signal control

INTELLISECTION® CORE CAPABILITIES



Detects incidents and anomalies



Classifies vehicles, pedestrians, and vulnerable road users



Measures speed, volume, density, occupancy, and behavior



Delivers real-time alerts, dashboards, and actionable insights



Integrates with existing third-party systems, such as ATMS, VMS, signal controllers, and more

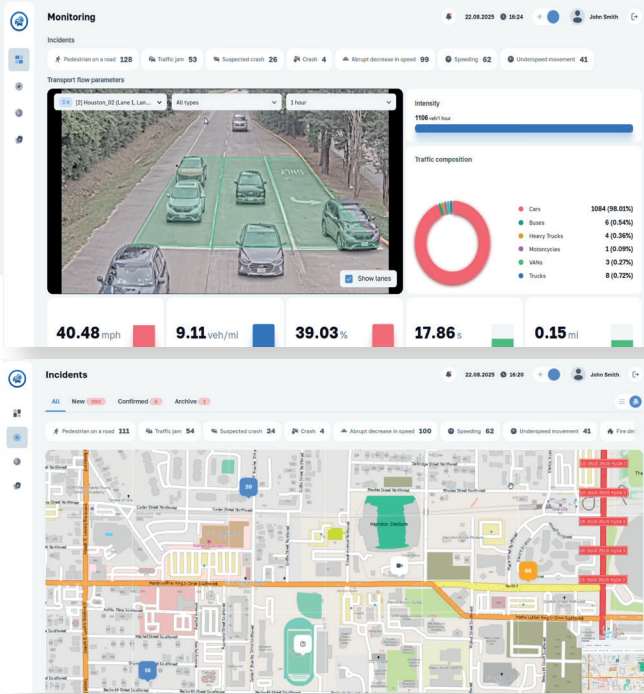
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FROM AWARENES TO ACTION



Intellisecton® turns video into intelligence — and intelligence into outcomes.

Operational Impact

- * Faster incident detection and response.
- * Reduced congestion and secondary crashes.
- * Improved emergency coordination.
- * Streamlined operator workflows.

Strategic Impact

- * Trusted data for long-term planning.
- * Standardized KPIs for grants and funding.
- * Data-driven infrastructure investments.
- * Measurable safety improvements.

Built for Real-World Complexity

Urban mobility is dynamic. Intellisecton® adapts continuously through AI models trained on real-world roadway conditions.

ABOUT ISS

Founded in 1996 and headquartered in Woodbridge, N.J., ISS (Intelligent Security Systems) is a global leader in AI-powered video intelligence and data awareness software. Over three decades, ISS has transformed how cities use advanced video analytics to improve safety, efficiency, and mobility.

Originating as an industrial analytics firm, ISS has grown into a pioneer in intelligent transportation systems (ITS), developing industry-leading tools such as its advanced AI-driven license plate recognition (LPR) software, SecurOS® Auto. Supported by 19 global offices and a U.S. manufacturing facility in Miramar, Fla., ISS pairs worldwide expertise with local insight to meet the needs of modern transportation networks and smart cities.

ISS AWARDS



U.S. DEPARTMENT OF COMMERCE E-STAR AWARD
Top U.S. Exporter



NASBITE INTERNATIONAL
Outstanding Exporter Award



ATSSA 2025
New Products Rollout
Honorable Mention
(SecurOS® Soffit)

