



Smart Fuel Stations

AI-Driven Video Analytics, License Plate Recognition,
and Station Telemetry

WHO IS 6SS?



AI & Neural Technology

Founded in 2013, 6SS is an American software company where high-caliber IT professionals, neural network engineers, and product strategists build impactful, intelligent computer vision technologies.



Expansive Security Modules

Our surveillance portfolio covers over 20+ advanced video analytics solutions, including high-speed Face and License Plate Recognition (LPR), Smart Traffic Diagnostics, Forensic Video Queries, Object Tracking, and Custom Access Controls.

WHY CHOOSE 6SS?



Cost-Effective

Our solutions deliver a total cost of ownership (TCO) 50% lower than standard industry competitors, without sacrificing analytics quality.



Scalability

Scale effortlessly from a private gas station with localized cameras to vast networks of thousands of stations globally.



Cross-Platform

Access live telemetry dashboards, event logs, and status updates on laptops, mobile apps, or via instant email alerts.



Secure Data

We do not host your surveillance footage on external servers or transmit client video streams to third parties.

STRATEGIC BUSINESS IMPACT

Station Optimization

Verify exactly how fueling pumps, store checkouts, and car wash terminals operate. Highlight spatial bottlenecks, adjust layout designs, and ensure that every customer transition is as seamless as possible.

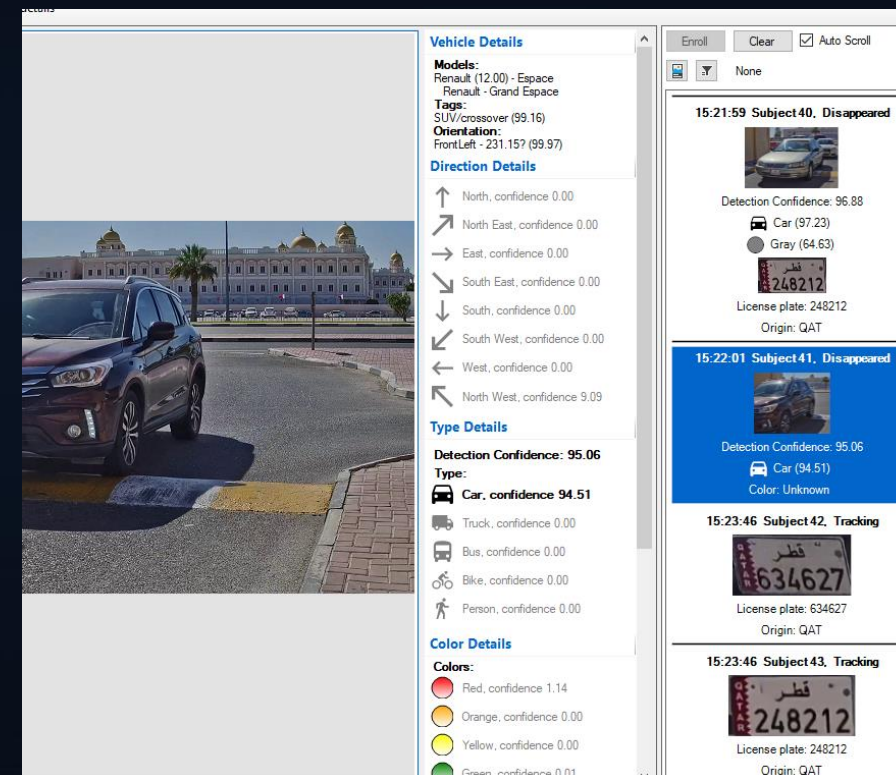
Unlocking Revenue

Locate major commercial opportunities by correlating vehicle classifications with in-store transactions. Achieve organizational metrics by adjusting retail promotions to vehicle profile trends.

LICENSE PLATE RECOGNITION

Empower automated vehicle tracking with robust LPR:

- ✓ **99% Accuracy:** Recognizes low-quality, dirty, or blurred plates easily.
- ⚡ **Ultra-Fast Speed:** Processes and reads single frames in 8-30 milliseconds.
- 🌐 **100+ Countries:** Out-of-the-box support for over 100 global plate architectures.
- 📁 **Data Export:** Sync logs, speed metrics, and blacklist triggers directly to third-party software.



The screenshot displays a license plate recognition (LPR) software interface. On the left, a video feed shows a dark-colored SUV driving on a road with a large building in the background. To the right of the video feed, there are several panels providing detailed information about the detected vehicle and other tracked subjects.

Vehicle Details:

- Models:** Renault (12.00) - Espace, Renault - Grand Espace
- Tags:** SUV/crossover (99.16)
- Orientation:** Front Left - 231.157 (99.97)
- Direction Details:**
 - North, confidence 0.00
 - North East, confidence 0.00
 - East, confidence 0.00
 - South East, confidence 0.00
 - South, confidence 0.00
 - South West, confidence 0.00
 - West, confidence 0.00
 - North West, confidence 9.09
- Type Details:**
 - Detection Confidence: 95.06**
 - Type:** Car, confidence 94.51
 - Truck, confidence 0.00
 - Bus, confidence 0.00
 - Bike, confidence 0.00
 - Person, confidence 0.00
- Color Details:**
 - Red, confidence 1.14
 - Orange, confidence 0.00
 - Yellow, confidence 0.00
 - Green, confidence 0.01

On the far right, a list of tracked subjects is shown:

- 15:21:59 Subject 40, Disappeared**
 - Detection Confidence: 96.88
 - Car (97.23)
 - Gray (64.63)
 - License plate: 248212
 - Origin: QAT
- 15:22:01 Subject 41, Disappeared**
 - Detection Confidence: 95.06
 - Car (94.51)
 - Color: Unknown
- 15:23:46 Subject 42, Tracking**
 - License plate: 634627
 - Origin: QAT
- 15:23:46 Subject 43, Tracking**
 - License plate: 248212
 - Origin: QAT

CUSTOMER SERVICE TELEMETRY



By tracking vehicle ingress and egress at the fueling pumps compared to the main gate boundaries, operators capture precise transaction cycle lengths, retail conversion ratios, and fuel-lane efficiency metrics.

INTELLIGENT OBJECT DETECTION

Targeted Classification

Track people, cars, trucks, buses, and bicycles simultaneously across existing camera networks.

Establish regional boundary lines (ROI polygons) to instantly trigger operator alerts if objects hover in secure fuel lanes or C-store zones during after-hours operations.



EMPLOYEE PRESENCE CONTROL



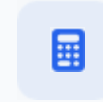
Shift Monitoring

Automatically log exact shift start and end moments for terminal personnel using biometric verification.



Absence Alerts

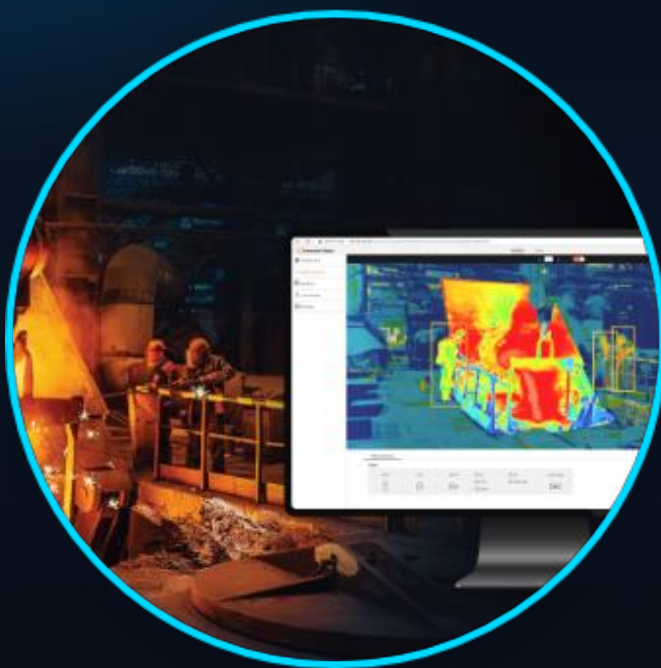
Alert managers automatically if staff members are absent from their designated zones for more than allowable limits.



Time Accounting

Compile exact hours spent at work stations directly into central payroll and HR reporting platforms.

SPECIALIZED ANOMALY TRACKING



Advanced Hazard Management

6SS Smoking Detection: Automatically records the date, time, and precise camera location if an active smoker is identified. The neural net detects cigarettes at face level, dispatching alarms to prevent fire hazards near fueling pumps.

Custom Software Configurations: We use an individualized approach for every deployment, modifying our AI solutions to detect unique object classes to fit specific station strategies.

ACCESS PERMISSION SETTINGS

Effectively manage system roles and individually map access across analytics databases, video feeds, and system configurations:

01

Company Level

Manage entire regional fueling chains, global settings, and aggregate report access.



02

Group / Role

Configure specific privileges based on user roles within the local gas station branch.



03

Individual User

Limit single cashiers or security monitors to specified video feeds and local logs.

Any Questions?

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