

# Velocar Security Portal

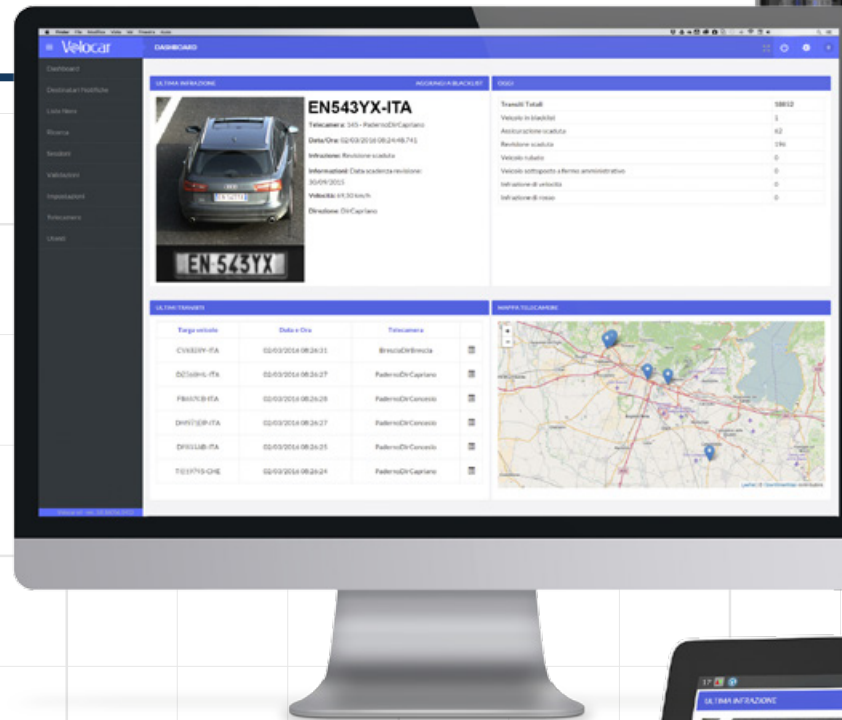
**Velocar**  
Speed and traffic detection technologies

Web Based Software for Back Office and Control Room

**Velocar Security Portal (VSP)** is a web based software that manages back office and control room operations. VSP is the unique access point to the whole system for all required operations: traffic offences evaluation, control of devices on the field, administration and more.

- Support for VRS-EVO and AGUIA device families.
- Offences evaluation with automated support tools.
- Automatic offences data acquisition.
- Offences data and images export.
- Real time events generated by matching detected plates in blacklists and national databases.
- Real time events notification by SMS, Mail and APP.
- Control room dash board, with maps, image of events and statistics.
- Advanced searching functionalities.

- Scalability: data sharing to and from other VSP installations.
- Continuous monitoring of devices on the field.



# Velocar Security Portal

Web Based Software for Back Office and Control Room

## TRAFFIC OFFENCES VALIDATION

<b>Interface</b>	Simple and clear for all kind of offences (speed, red light and average speed, black list).
<b>Automatic process</b>	Zoom and clip of the number plate image. Zoom and clip of the vehicle area.
<b>Image support functions</b>	Image light correction. Privacy mask.
<b>User access</b>	Fully configurable role based access.
<b>Export</b>	Several formats available for exported data.
<b>Privacy</b>	Automatic privacy mask of number plate of vehicles not involved in the offence.
<b>History</b>	History for all offences with a specific user access level.
<b>Security</b>	User authentication. User operations logging. Data and images digitally signed.

## REAL TIME CONTROL OF ALL VEHICLES

<b>Types</b>	Multiple blacklists. National data bases (e.g.: stolen vehicles). Open for integration with other databases.
<b>Notification</b>	SMS Mail APP
<b>Sessions</b>	Control room panel for management of all notifications. Possibility to schedule notification on a dedicated calendar.
<b>DashBoard</b>	Control room dash board with map, real time images of events, real time statistics.

## VEHICLE SEARCH AND STATISTICS

<b>Search</b>	Searching by full number plate or portion. Possibility to filter by camera, date and time, event types.
<b>Reports</b>	Table and graph reports with spatial and timing information.
<b>Vehicle traffic statistics</b>	Detailed traffic statistics with information for each single transit.
<b>Privacy</b>	Configurable policies for automatic data retention and erase.
<b>Scalability</b>	Data sharing with other VSP installations allows a creation of a real scalable geographical network

## SYSTEM MONITORING AND MANAGEMENT

<b>Data acquisition</b>	Automatic data acquisition from devices on the field. No data loss even in case of long off line period.
<b>Monitoring</b>	Systems monitoring and real time alarm generation.
<b>Network data</b>	The whole architecture is optimized with specific push and pull services in order to reduce the bandwidth. VSP is usable for real time operation on 3G/4G networks as well.

## TECHNOLOGIES

<b>DataBase</b>	Based on last generation open source data bases.
<b>User interface</b>	Full web based (no plug in).
<b>Maps</b>	Open street map.
<b>Scalable</b>	Single server installation or installation as a distributed application.