

# RED

## RED LIGHT VIOLATION DETECTION SYSTEM

Based on whole Italian technology, **EnVESRED** detects steps through a red light automatically, producing a detailed and comprehensive digital documentation of infringements.

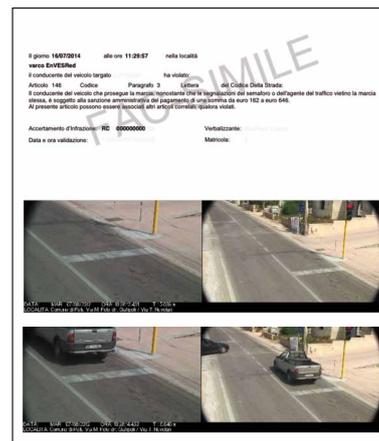
The EnVES RED EVO system is designed in such a way as to ensure a minimal environmental impact, an important energy saving, a significant architectural impact reduction, an effective and rigorous identification of violations in compliance with privacy regulations through a flexible and economic management.



The sequence of records images, both of the previous instants and subsequent the infringement, allows to exploit an unequivocal vision of dynamics. In the same shot - or in two side by side - it is shown both the vehicle's license plate in clear evidence that the red traffic light lantern lit. In accordance with the legislation and the protection of citizens' privacy, video of vehicles is from back or front (with an automatic masking system images if taken from front), and is produced exclusively on the occasion of alleged violations

Through integration with the proprietary TITAN® platform, it allows the detection of violations, acquisition of images or video on vehicles passing through a red light such as unequivocally document of the infringement. Through the digitalized images it is possible the verification of data associated of the vehicle that has committed the offense. .

The system is also approved for the detection of the instantaneous speed limit exceedances, either exclusively or in combination with traffic light control.



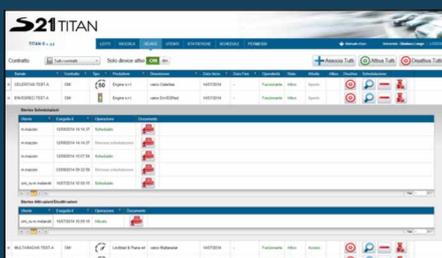
Example of Ascertain - RED

## THE SYSTEM HAS THE FOLLOWING FEATURES

- **Fully digital:** a telematik connection allows agents to acquire directly the infringement photos.
- **Low environmental impact:** the sensors are passive and not subject to maintenance ; devices are not equipped with flash devices
- **Ability to operate in any environment, even at night;**
- **Extensive documentation:**
  - **For Agents:** movie resumes the prior and subsequent events of the infringement;
  - **For Offenders:** the offender download a PDF of a sequence of images (3 to 5 configurable by the Body) that shows the entire sequence of the infringement.
- **The service is Undeniable:** the system is installed only after an examination of the duration of the yellow;
- **Respect of Legality:** EnVES RED EVO is an excellent tool for the control and enforcement of road safety in the traffic light intersections.
- **Transparency for the citizen:** web portal to support the citizens, where to download their offense and verify the placement of the equipment on the territory, the Approvals and the expertise on the duration of the yellow.
- **Approved according to Decree of 30 April 1992, nr. 285 paragraph 1a and 1b:** it does not require the presence of the police authorities to immediately ascertain the violation.



## FULLY INTEGRATED WITH TITAN® PLATFORM



Device Management - RED



Verbalization Management - RED



Example of TITAN® Web Portal to citizens