

# Auto Intellect 5.0

## Release Notes

**28 February 2014 AxxonSoft releases version 5.0 of the Auto Intellect license plate recognition and road safety solution. This version is intended for use with version 4.9.0 of the Intellect PSIM.**

The full list of changes in version 5.0 is available [here](#).

## New features and improvements

1. Now compatible with Intellect 4.9.0.
2. A new violation and corresponding alarm type, Entered the Oncoming Lane, has been added.
3. Red Light Violation has been renamed to Traffic Rule Violation Detection Tool; new violations and alert types have been added for Stop Line Protrusion and Stopped on Crosswalk.
4. The Remote Recognition object allows using Tattile cameras with license plate recognition.
5. The installer now has a utility for reading the configuration of HASP dongles for the VIT recognition module.
6. The Auto-Urgan recognition module has been updated to version 3.5.1.20131230. New regional codes have been added: 777 - Moscow, 750 - Moscow Region, 186 - the Khanty-Mansiysk Autonomous Region (also known as Yugra). Determining lanes of traffic is now more accurate.
7. The VIT recognition module has been updated to version 2.4.9 with new country codes added, improvements in recognition precision and detection time, Windows 8 compatibility issues resolved.
8. Support for Azerbaijani license plates has been added to the Auto-Urgan recognition module.
9. The license plate recognition engine for the Carmen module has been updated to support license plates from Morocco, Guatemala, and Taiwan.



10. The Carmen-Auto template for Latin characters has been updated to version 7.2.8.19. In addition, results can be displayed before a car leaves the field of view: by number of times recognition has been triggered or by time interval. The corresponding settings are activated on the license plate recognition server.
11. The Carmen-Auto recognition module now supports the parameter Recognition Quality: Lower Certainty Bound.
12. New for license plate recognition servers: recognition of a license plate in a frame can now be forced by command.
13. Photos and data on violations can be exported to files in Arena format for integration with TRIS.
14. Configuration has been added for external databases to process events from local recognition devices only.
15. When a license plate is recognized, movement can now have the value "undefined" (earlier only two values were used: Away From Camera" and Towards Camera).
16. The Advanced Mode check box has been added to the settings of the External License Plate Database object and the file lprdb\_rules.xml has been added to the installer, implementing a special algorithm to flag violators driving on days of the week that are forbidden for their license plate numbers.
17. The algorithm for determining the Red Light Violation and Stop over stop line/over crosswalk line violations has been improved to avoid repeated triggers for a single violation.
18. Restrictions on the minimum size of the Online Monitor have been removed.
19. Functionality related to communication with the transport detection tool has been removed from the LPR Server.
20. The Motion Detection Tool parameter has been removed from the VIT Recognition Module settings.
21. The Auto Intellect database supports better integration with external spGetRegisteredPlatesFull systems; the database now returns the following parameters: number, region, accuracy, license plate position, still frame, recognition module number, recognition module name, recognition module address, camera number, camera name, and time.
22. The Autoterminal module has been removed from the installation kit.



23. Documentation has been improved and supplemented.

## Fixes

1. Resolved issues with concurrent operation of the ACFA module and Auto Intellect module.
2. Fixed error related to unstable functioning of the Auto-Uragan module in Slow recognition mode.
3. Fixed error related to incorrect application of license plate recognition server settings when a synchronized camera is selected.
4. The search window and print window now open in the Vehicle Monitor on remote monitoring workstations running on Windows 8.
5. When UAE license plate numbers are recognized, information about the emirate is now displayed.
6. A number of other minor product errors and documentation issues have been fixed. Product stability has been improved.

## Important notice about update

To properly update the Carmen Auto module from older versions, after installing Auto Intellect version 5.0 you should reselect the required recognition mode (e.g., "Latin characters") in the settings of the license plate recognition server and click the Apply button.

For information about compatibility of Auto Intellect with Intellect versions, refer [here](#).

For documentation, please visit the [product documentation portal](#).

**Download the Auto Intellect 5.0 installer:**

<http://www.axxonsoft.com/resources/downloads.php>

