

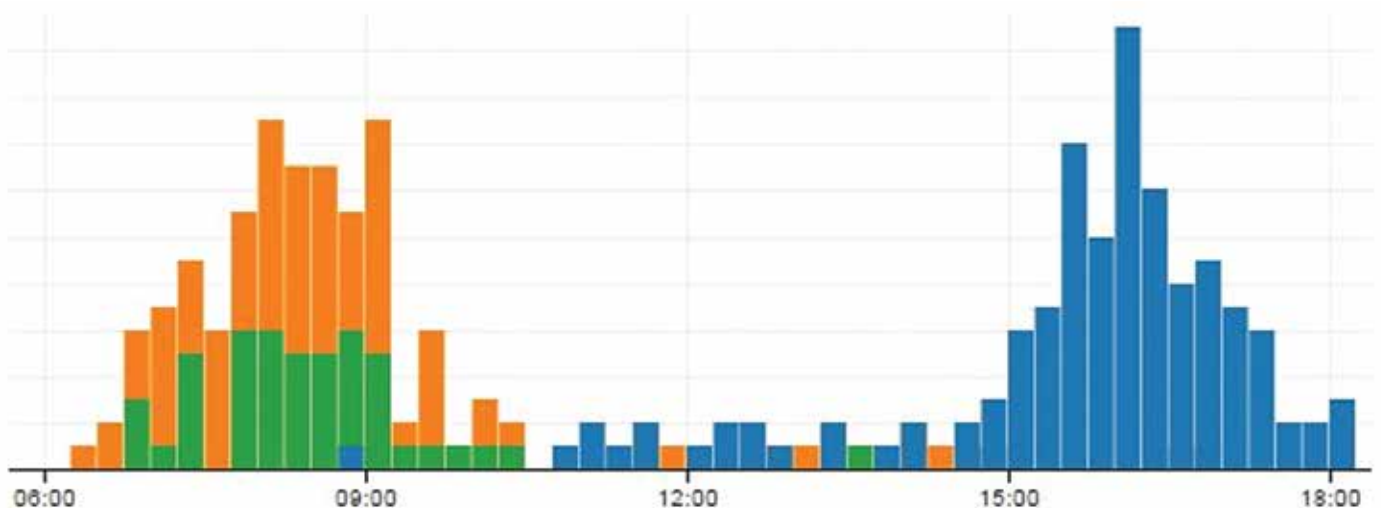
## Full utilization of automatic number plate recognition



*Mirasys ANPR+ is fully integrated automatic number plate recognition (ANPR, LPR) solution that scales easily to suit the needs of businesses of all sizes. ANPR+ contains modern web-interface for real time vehicle monitoring, management, guidance and statistics. System provides versatile toolbox for full utilization of vehicle recognition data including vehicle information database, real time monitoring, video recordings, list management tools, access control rules and notifications, dynamic statistics and two way integrations to external systems.*

### Benefits

- **Easy to use** – Modern web-interface with access control features enables application usage and management both locally and via public network
- **Expandable** – Mirasys VMS Enterprise cameras can be used with inbuilt recognition engine and additionally recognition results can be received from external sources
- **Scalable** – System can be scaled to many different environments and usage purposes even without any physical adjustments by utilizing inbuilt logical components like cameras, lanes, zones, displays and I/O devices
- **Localization** – Recognition handles hundreds of different number plate types and user interface supports all common character sets



## Features

### Vehicle information

- Number plate and country code
- User privileges per user account
- Details, e.g., company, person, contact info, brand, color
- Email notifications from vehicle movements<sup>1</sup>
- Multiple classifications for access rules and grouping

### Traffic guidance

- Ports and other I/O devices
- Graphical guidance and status displays<sup>1</sup>
- LED display extension<sup>3</sup>
- Customized display messages<sup>1</sup>
- Closing of full zone<sup>1</sup>

### Tracking and monitoring

- Currently present vehicles
- Zone utilization rate<sup>1</sup>
- Live image and event reference images<sup>1</sup>
- Vehicle routes and reports<sup>1</sup>
- Connecting events to video recordings

### List management

- User selectable categories
- Administrator selectable tags
- Generation of notifications and alarms<sup>3</sup>
- List based or customized statistics<sup>2 3</sup>

### Traffic management

- Multiple pass types
- Drive through lanes
- Allow all traffic
- List based access privileges and alarms<sup>1</sup>

### Dynamic statistics

- Integrated reporting
- Traffic statistics per lane
- Vehicle statistics per country
- Usage statistics per zone<sup>1</sup>
- Stay times<sup>1</sup>
- Last visit statistics<sup>1</sup>

## Product versions

### ANPR+ Base

- Basic product for most environments
- 4 camera channels
- Number plate recognition from Mirasys VMS cameras

### ANPR+ Advanced Features

- Expansion to ANPR+ Base
- Operator terminal and vehicle reports
- More versatile usage privileges
- Zone places and utilization rates
- Additional reports
- Stay times

### ANPR+ Easy

- Inexpensive solution with limited features
- 2 channels for external recognition
- Requires compatible recognition cameras

### Reporting+

- Expansion product
- Installed into same environment
- For combining and expanding statistics

### Rule Engine+

- Expansion product
- Installed into same environment
- For integrations and expanding features

### ANPR+ Project examples

- ANPR+ Industry: Project product for industrial environments
  - For delivery management
  - For vehicle weighings<sup>3</sup>
- ANPR+ Car Wash: Project product for car wash
  - For chargeable visit management

## Requirements

### Cameras and positioning

- Powerful infrared
- Versatile configuration options
- Optimal distance 2-4 meters
- Additional details in camera installation document

### Applications and server

- Mirasys VMS Enterprise 7.5 or newer
- Windows 7, 10
- Modern server hardware (Intel i5, SSD and separate hard disk, 8GB RAM)

1) ANPR+ Advanced Features required, 2) Reporting+ required, 3) Rule Engine required