

HELIX-6

- Comprehensive robust Back Office
- Connect hundreds of ALPR readers
- Receive & analyse reads in real time
- Unlimited storage of ALPR reads

Vaxtor Helix-6 is a powerful ALPR Back Office for collation and management of multiple Vaxtor On-camera and on-PC ALPR reads, along with their associated meta data and images.

Available in 5 versions, Helix Base can store 100,000 reads whilst Helix Ultimate has unlimited storage only limited by hardware. Once stored, users can perform comprehensive searches on historical data and export the results. Helix also manages whitelists, blacklists, alarms and authorisations enabling it to perform as a parking management, a complete security or access control system* or a traffic monitoring system.

** Separately available plugins are available to control barriers, calculate average speeds, Red Light enforcement, mobile device alerts or connection to fine management systems using the Sanctions module.*

HELIX FEATURES

Web-based Application and SQL Database
Multiple simultaneous users supported via web browser

Username / Password Login
User Authority levels controlled by administrators

Alarm Notifications
Email, on-screen & Pushbullet alerts for mobile devices
Alerts include blacklist, speeding vehicles etc.

Master / Slave Architecture
Synchronisation of lists across servers

Access Control
By whitelist or advanced logic based on plate, category and zone

Configurable Complex Schedules
For access control within certain zones

HTTP REST API
API available for integration with third party software

Helix is a flexible solution allowing upgrades between versions. Its modular design supports both Helix Standalone and also Helix Client / Server for larger deployments.

A simple web-based GUI (HTTP / HTTPS) allows the administrator to add password-protected users setting permissions as to which cameras they can view and what data they have access to. This feature facilitates multi-tenant sites to empower each user to manage their own vehicle database and access rules.

All recorded plate reads can be searched by partial-plate, date, time, camera, zone, country, direction & status. Search results can be downloaded as a .csv file with associated images for further analysis or export.

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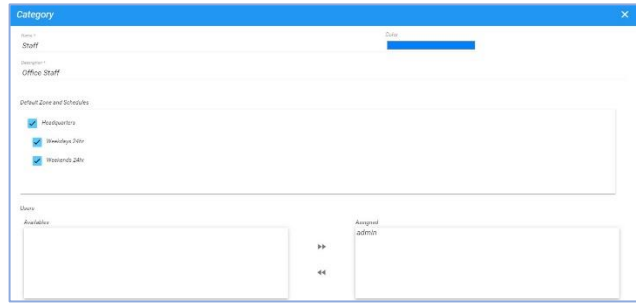
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SOME HELIX FEATURES EXPLAINED

CATEGORIES

Categories can be created for groups of vehicles and group rules can be applied for simple site set up.

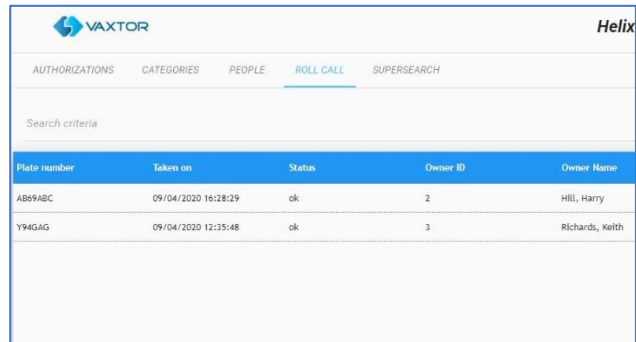
In this simple case all vehicles in the Staff category can enter HQ on weekdays and also weekends.



ROLL CALL

The Roll Call provides a simple user interface to view the details of any vehicles currently in the configured capacity count areas.

The roll call can be manually configured if required. (This could happen if a car tailgated out and was therefore not read by an exit camera).

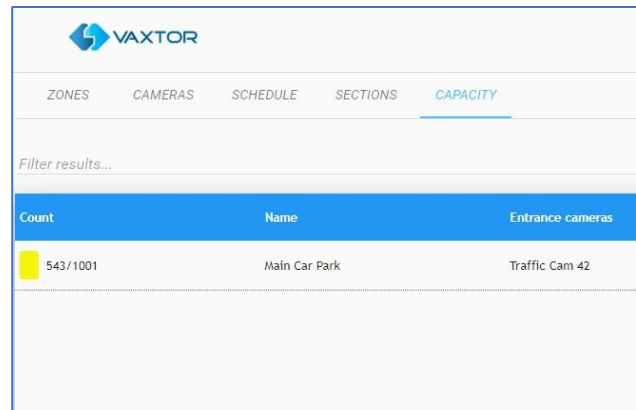


CAPACITIES

Capacities allows you to set the maximum number of vehicles allowed into a specific area. It can be further defined by category.

E.g. Company A is allocated 45/100 spaces and Company B is allocated 55/100.

The GUI provides green, yellow and red indicators as the count increases and an alert can be created when the maximum is reached.



SCHEDULES & TIMEFRAMES

Users can pre-configure schedules. These can be quickly applied to categories or authorized vehicles.

Examples:

- Weekdays 8am to 6pm
- The first week of every month between 6pm and 8pm
- Even plates only all day on every even day of the month
- 24/7 for 2021 only

