

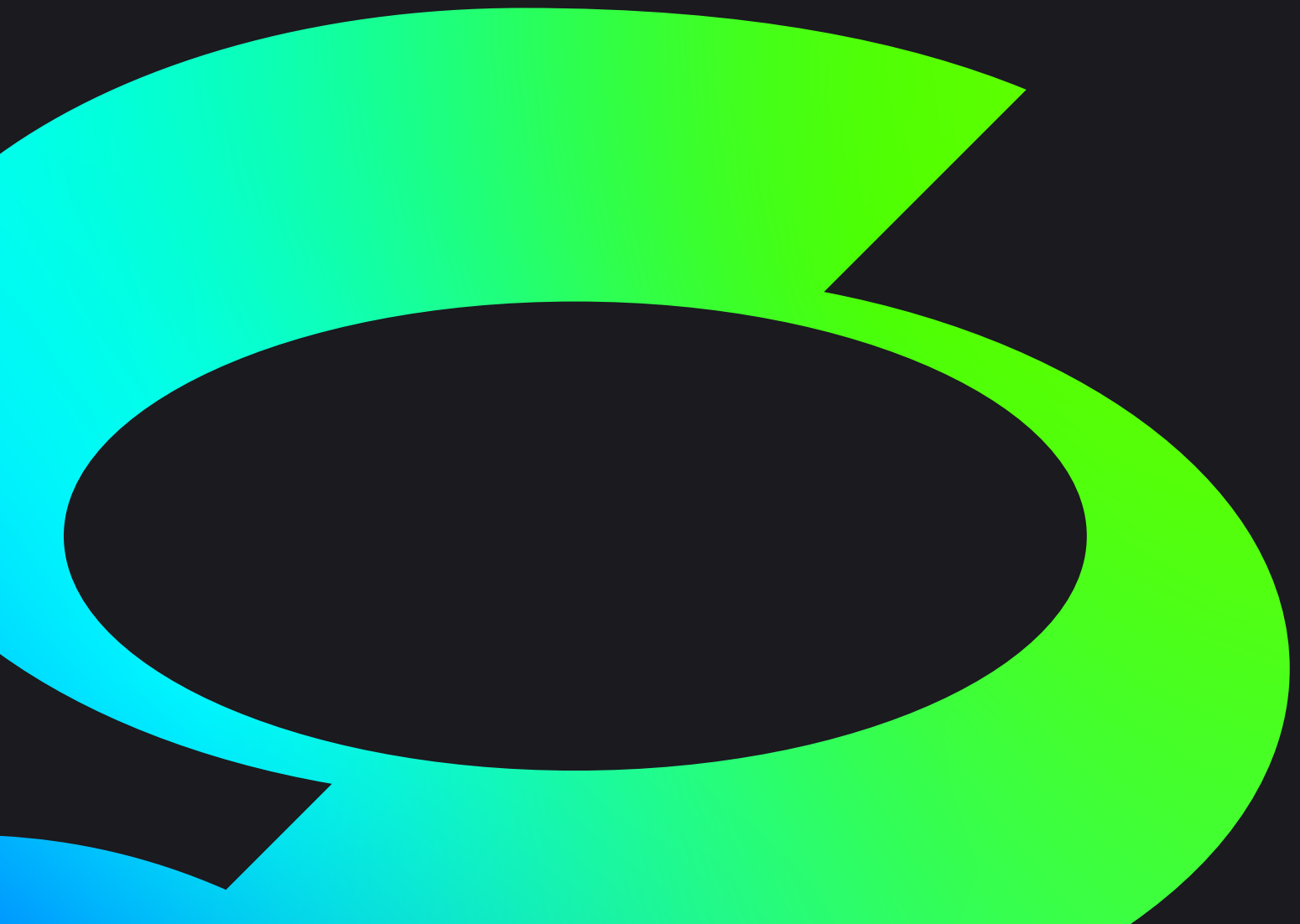


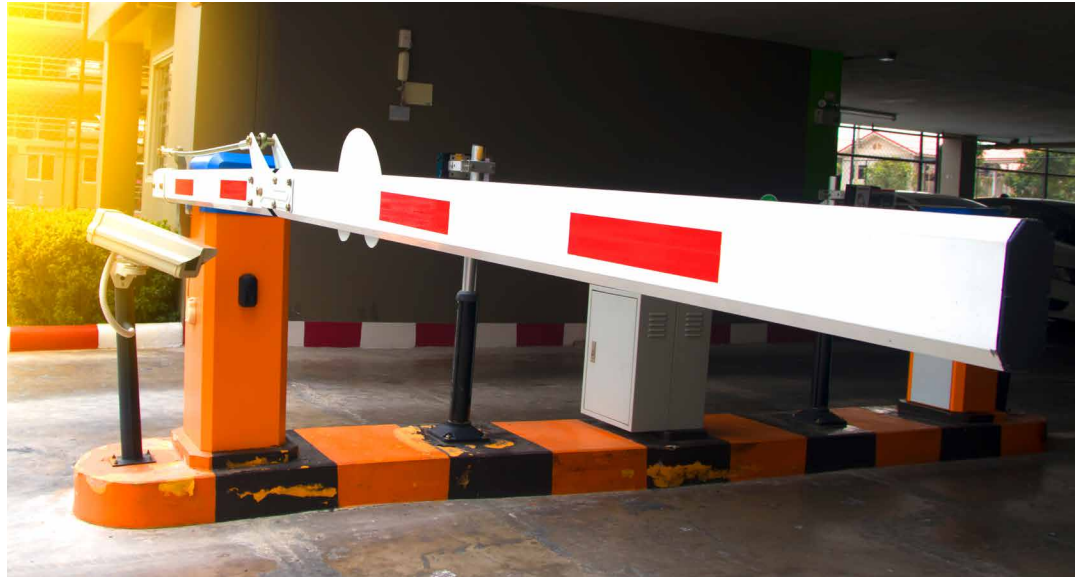
SOLUTION SHEET

License plate recognition

Octave Coda Video Analytics

Optimize the flow of vehicles





License plate recognition with Octave Coda Video Analytics

The Octave Coda Video Analytics (formerly HxGN dC3 Video | Analytics) License Plate Recognition (LPR) module helps secure driveways and parking areas and manage them more efficiently. It reads international license plates, compares them with a database and, if necessary, enables automatic actions – making the work of security staff much easier.

Thanks to a large number of features and fine-grained configuration options, Coda Video Analytics LPR can be adapted to a number of specific requirements to better support processes – saving time and money.

Fields of application

Coda Video Analytics LPR is most frequently used to manage driveways and parking areas. It can even be operated across several sites.

The range of applications exceeds mere security applications. For example, the module can be used by car rental

companies to visually record the dates and exact times of car returns outside regular business hours. It can also be used for marketing purposes, e.g., to understand how many customers come from particular countries or regions. This facilitates the optimization of geo-targeted campaigns.

Advanced LPR technology

Coda Video Analytics LPR automatically detects and reads license plates in real time. It delivers reliable LPR for vehicle access control, parking management and traffic monitoring, supporting speeds up to 160 km/h (100 mph).

The system recognizes plates from a wide range of regions, including all U.S. states and most European countries.

Designed for fast deployment, Coda Video Analytics LPR requires no additional sensors or expensive cabling. The server-based solution uses existing camera infrastructure, simplifying installation and reducing costs.

A single camera can monitor up to four lanes simultaneously, providing efficient, scalable coverage with minimal hardware.

All detected license plates are recorded in a database with corresponding image data. License plates can be registered in a master database with individual attributes such as name of the company or driver. They can also be assigned to customizable authorization groups (lists).

Depending on which list a license plate belongs to, particular rights can be granted or events can be triggered. If, for instance, a car with an authorized license plate (e.g., an employee's car) approaches a driveway, the gate will open and the car will be allowed to pass. However, if the license plate is not known to the system, an alarm recording can be triggered and a voice connection to the doorman can be established via Octave Coda Video (formerly HxGN dC3 Video), using a SIP-based intercom unit.

In addition to access authorizations, which are valid indefinitely, time patterns can be created and one-time or recurring authorizations (tickets) can be assigned. When, for instance, a customer visits the company, an

Benefits	
01	Automatic license plate recognition even in moving traffic
02	Control of vehicle access and flow based on defineable lists and tickets
03	Data export capabilities to connect with third-party applications

electronic ticket can be created within Coda Video that is valid for the duration of the visit, allowing the use of the company's parking zone – but only within business hours (time pattern).

If needed, Coda Video Analytics LPR allows the import and export of CSV-based data as well as the automatic exchange of master data and detected number plates with third-party applications based on XML technology. This way, detected license plates can, for example, be handed over to an access control system.



About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

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