AutoVu

Plate Reader Cloud

Transform Video Surveillance Cameras into Powerful ALPR Units

Plate Reader Cloud is a cost-effective automatic license plate recognition (ALPR) solution that helps decrease response time and support the investigations of organizations by automatically identifying and tracking vehicles accessing their premises. Plate Reader Cloud provides off-the-shelf IP video surveillance cameras with ALPR capabilities and reduces local server requirements by moving AutoVu's ALPR engine into the cloud.

When a vehicle is detected, Plate Reader Cloud streams a supported IP camera's stream to its cloud-based engine, automatically reading license plates found in the camera's field of view. Optimized for applications with vehicles moving at speeds of up to 15 MPH (25 km/h), Plate Reader Cloud offers accessible best-in-class day and night accuracy. Plate Reader Cloud is unified with video surveillance, access control and other security systems through Genetec's Security Center unified platform.

Applications

Proactively Identify Vehicles
Automatically identify vehicles entering your facilities, identifying potential threats as soon as they appear. With AutoVu's flexible list management features, unknown or suspect vehicles can trigger specific alarms and activate video surveillance recording.

Automate Processes
Open vehicle gates and garage doors when an employee or registered visitor's vehicle is detected, or instantly notify staff of the arrival of suppliers and visiting VIPs, improving efficiency and increasing user satisfaction.

Extend the Reach of Investigations
Support investigations with complete vehicle audit trails, including license plate number, date, time, coordinates, vehicle brand and license plate origin. AutoVu's advanced reports, such as multi-zone correlation searches, allows you to identify vehicles detected at multiple sites or lots.

Explore Vehicle Data
Unlock new insights in the behavior of vehicles and visitors accessing your facilities using data collected by Plate Reader Cloud. Easily track travel time between locations, length of stay, and more.

Industry-Leading ALPR

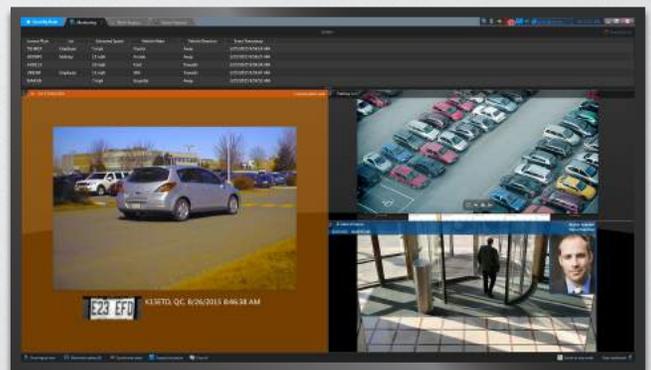Plate Reader Cloud provides you with all the advantages of Genetec's leading AutoVu ALPR solution:

Decrease the total cost of ownership of your ALPR system by using new or existing IP video cameras

Deploy more cameras per server with cloud-based license plate analysis

Instantly leverage the latest ALPR engine improvements with automatic cloud updates

Simplify system design and ensure high accuracy by choosing from Plate Reader Cloud's list of tested IP cameras

Get access to Security Center's extensive ALPR feature set and broad range of data-mining and forensics reports

Innovative **Solutions**

Genetec

Specifications

Recommended vehicle speed	0-15 MPH (0-25KM/H)
Supported video stream resolution	800x600
Trigger Modes	Software (motion detection, virtual tripwire) and hardware input.
Cameras per Server	Up to 15*
Advanced vehicle analytics	Vehicle make, plate state/country of origin

*Please refer to the Security Center system requirements document for server specifications.

Architecture

Plate Reader Cloud can be installed on a Security Center Directory or Archiver server. When a vehicle is detected (using a hardware or software trigger), the local module streams footage from the camera to the cloud-based Plate Reader Cloud engine, which analyzes images and returns license plate data and snapshots for storage and display within the operator's interface.

Simplify System Design with Cameras Tested by Genetec

To ensure optimal ALPR accuracy and simplify design and deployment, Plate Reader Cloud only supports cameras which have been tested by in-house experts and have met Genetec's list of requirements. To consult the list of tested cameras from industry-leading manufacturers, please visit genetec.com/autovu-tested.