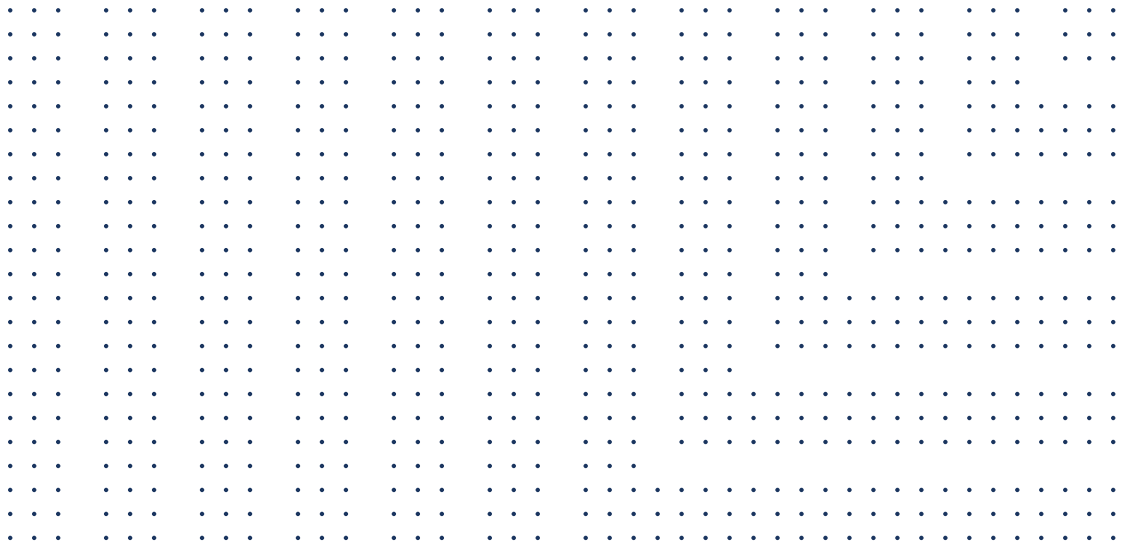# AutoVu Cloudrunner.™

Safer communities – day and night, rain or shine

Identifying a vehicle used in a crime often unlocks a case. But without the right data, witness testimonials can be insufficient, slowing case progress.
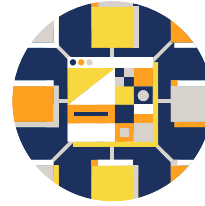
AutoVu Cloudrunner is a vehicle-centric investigation system that provides you with access to the critical evidence you need to identify suspect vehicles. This means cases progress faster, helping you make tomorrow safer.

Genetec™

Key benefits

Solve cases faster

The right evidence is key to solving cases. Cloudrunner collects a wealth of information, like vehicle characteristics and driving behaviors, allowing investigators to rapidly narrow down the pool of potential suspects.

Improve your workflow

Every organization operates differently. Cloudrunner lets users customize the information shown on-screen based on case needs. By focusing on the relevant data, closing cases is much easier.
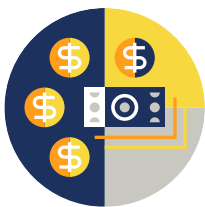
Minimize disruptions

Time spent learning how to use new software is time not spent following up on leads. Cloudrunner makes lead investigation easy with its intuitive interface. Investigators can quickly get to work and take advantage of its features to close cases faster.

Be proactive

Identifying a lead is not enough to solve a case – you need to apprehend the suspect. Cloudrunner detects vehicles and plates at the edge, quickly notifying you when a vehicle of interest is detected so you can take immediate action.

Make your budget go further

Cloudrunner packages everything you need in a single subscription, allowing you to easily adjust system scale based on your needs and budget. Focus on closing cases rather than resource allocation.
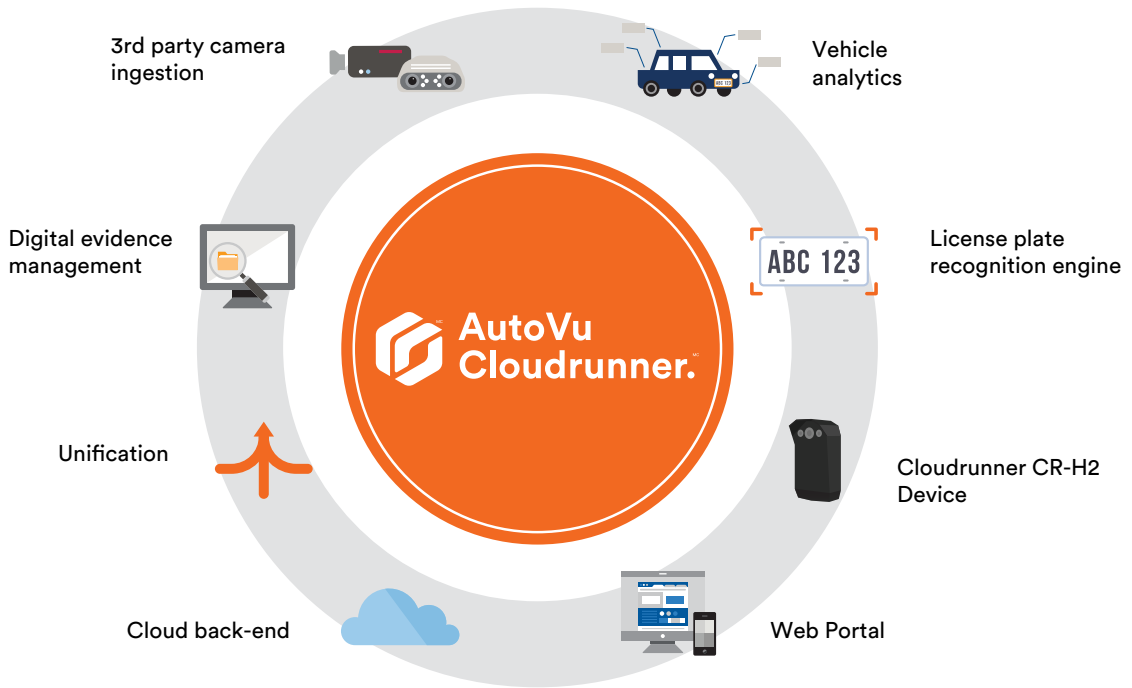
Keep an eye out 24/7

Be on the lookout day and night with Cloudrunner. Collect accurate data under all conditions thanks to its high performing cameras built for just that. It has powerful machine learning capabilities and strong analytics to always keep data meaningful.

Everything you need to close cases faster

Rapidly closing cases is crucial. That's why Cloudrunner is designed to enable collaboration with both local partners working to protect your community, as well as with external evidence gathering solutions. It combines the benefits of cloud solutions with edge-based vehicle detection to provide you with the best of both worlds, allowing you to access meaningful data quickly. With its cloud-based architecture, Cloudrunner is also easily scalable to your organizational needs.

3rd party camera ingestion

Vehicle analytics

Digital evidence management

AutoVu Cloudrunner.

License plate recognition engine

ABC 123

Cloudrunner CR-H2 Device

Unification

Cloud back-end

Web Portal

The advantages of cloud

Cost savings
Being cloud-based alleviates your IT maintenance costs. Genetec takes care of ensuring that your Cloudrunner solution is up and running properly and will update the software as new features become available to you.
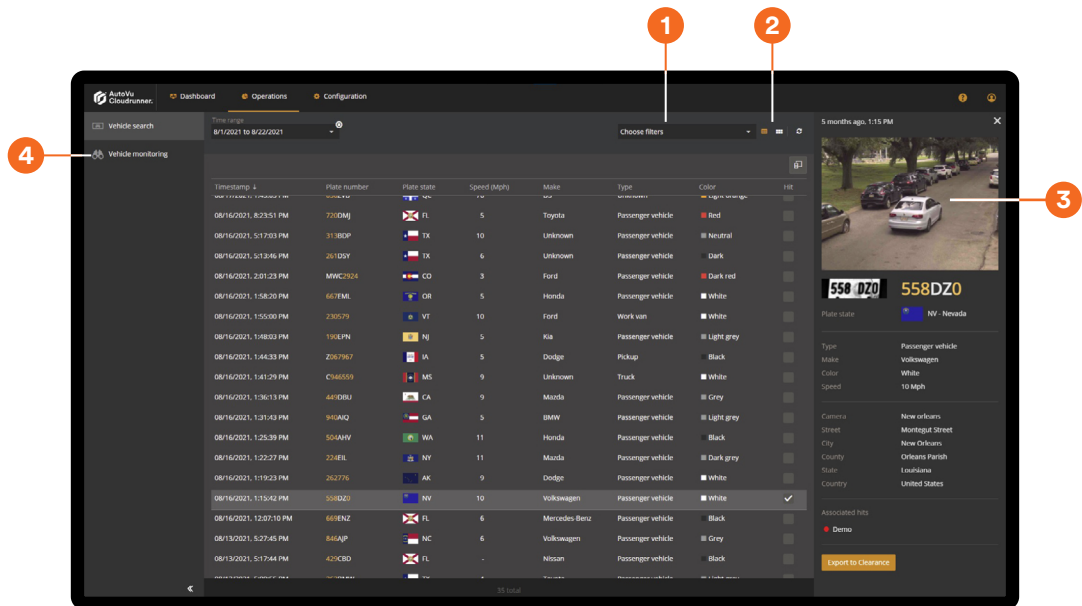
Security
A cloud back-end means that Genetec is constantly making sure that security is up to the highest standards. Only authorized users can have access to the solution based on their varying security rights.

Flexibility
The cloud-based approach of Cloudrunner provides easy access and deployment. The solution is accessible on a web browser through any device.

Find vehicles of interest quickly

AutoVu Cloudrunner collects the data your team needs to find valuable leads. Search by license plate number or use witness accounts to filter for vehicle characteristics. And if no one comes forward, Cloudrunner helps you identify drivers with unusual behavior. Your team has a variety of options to narrow down the pool of suspects and close cases faster. With Cloudrunner, you can combine filters in just a few clicks to easily parse through data relevant to your case.

1 **Customizable filters**
Data can be viewed according to investigator needs. Relevant information can be displayed by combining filters and rearranging columns based on preference.

2 **List and tile view**
Parse large lists of vehicle reads with the list view, or get more context-relevant information with the tile view. Toggle between both based on your needs.
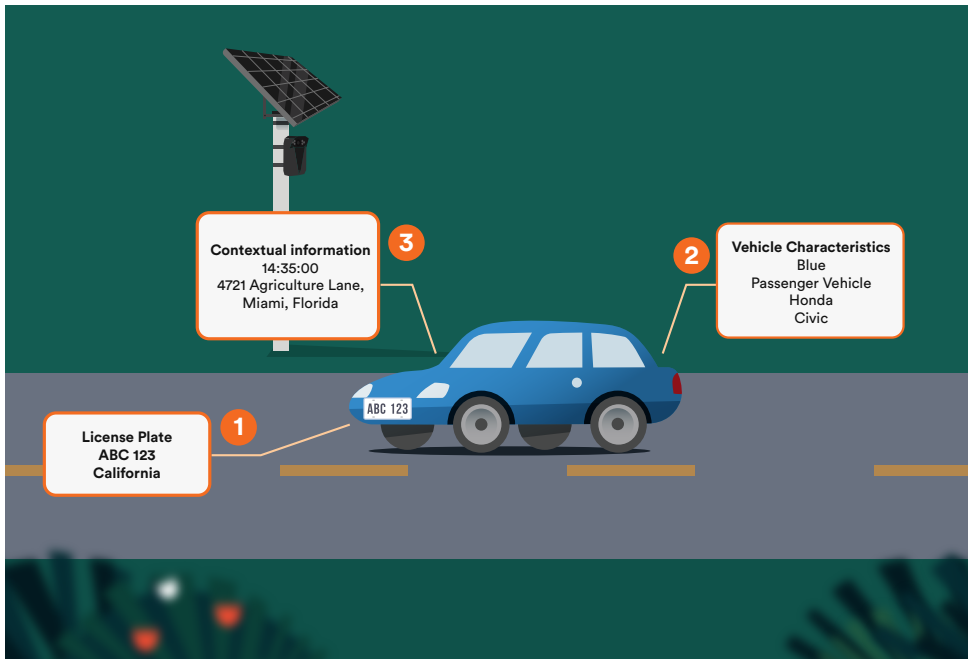
3 **Context image panel**
Dive deeper and highlight specific reads by reviewing a context image and additional vehicle-relevant details with the context image panel.

4 **Live vehicle monitoring**
Maintain a virtual stakeout and get hotlist hits highlighted, providing your team with case context so they can take appropriate action quickly.

Go beyond the license plate

Whether you're trying to find a lead or go from testimonial to action, Cloudrunner has the vehicle-based evidence you need. Advanced analytics let you go from partial vehicle information to locating a lead.

Contextual information
14:35:00
4721 Agriculture Lane,
Miami, Florida

3

Vehicle Characteristics
Blue
Passenger Vehicle
Honda
Civic

2

License Plate
ABC 123
California

1

ABC 123

1 **License plate information**

Every Cloudrunner read provides accurate license plate information, including the license plate number, and origin, such as the state and country.

2 **Vehicle Characteristics**

Witnesses usually only provide partial vehicle information. Cloudrunner collects data like vehicle type, color, make, and more allowing you to narrow down your search easily.

3 **Live vehicle monitoring**

Maintain a virtual stakeout and get hotlist hits highlighted, providing your team with case context so they can take appropriate action quickly.

Cloudrunner key features

Investigative filters
By collecting a wide variety of vehicle characteristics and behavioral data, Cloudrunner allows you to filter the displayed data based on your investigative needs.

Accessible from anywhere
The Cloudrunner software is web-based allowing it to be accessible on any device and browser. Because no installation is required, deployment is quick and hassle free so you can focus on your mission.

Live monitoring
Live monitoring allows investigators to track and follow perpetrators in real time. This provides a proactive approach to case solving.

List and tile view
Multiple views are available to allow operators to view the data in the way they best see fit. List view allows for full data display, whereas tile view provides a context image for each read.

Vehicle watchlist management
Use local hotlists or upload your own to get notified when there is a hit on the suspect's vehicle. Manage lists and provide access and privileges to users based on your organization's needs.

End-to-end data security and privacy
Cloudrunner is hosted in a government approved cloud, complying with government information security requirements, and applying the latest best practices to ensure your data is secure.

Hybrid analytics design
Cloudrunner provides the advantage of edge-based processing with the power and flexibility of cloud computing. It detects vehicles in real-time so evidence is quickly available and constantly optimizes its output to provide the most accurate data.

Extend your network
With data sharing, go beyond the data collected by your Cloudrunner cameras by connecting with neighboring communities and other evidence-gathering solutions.

Cloud-based solution
Cloudrunner's cloud-based architecture means there is no need for a software solution, or server maintenance, allowing for reduced IT costs and quicker deployment.

Extensive vehicle analytics
Get access to a complete suite of vehicle analytics including characteristics and behavior. Filter through vehicle color, type, make, license plate state, and more.

Comprehensive feature list

Cloudrunner System

Cloud-based vehicle-centric investigation system (VCIS)

Detects and analyses vehicle data

Secure storage for highly accurate vehicle identification data

Supports public safety investigations

Architecture

Cloud-based offering

Built from the ground up following privacy by design principles

Compatible with Cloudrunner CR-H2 and AutoVu SharpV

Compatible with select 3rd party camera data

Embedded health monitoring and reporting engines

Supports Microsoft Azure Active Directory as an identity provider

Distributed multi-tenant architecture leveraging Microsoft Azure.

Advanced Analytics Filters

Timestamp (Time and date)

License plate number (partial or full)

License plate state

Vehicle make

Vehicle type

Vehicle color

Camera (filter which camera reads to view)

Read location

Hotlist hits (view hits only)

User experience and interface

Single task-based application for monitoring and reporting

Intuitive, easy-to-use web portal

Ability to export reads to Excel

Rich, detailed context images when paired with the Cloudrunner CR-H2 or AutoVu SharpV cameras

Export reads to Genetec Clearance™ (upcoming)

Vehicle watchlist management (hotlist)

NCIC support

Custom hotlist upload

Local or remote file import

Manual or scheduled automatic list imports

Email alert on hotlist hit

Investigation modes

Real-time (live) monitoring

Post-investigation database search

Data retention

Default retention: 90 days

Optional retention: up to one (1) year

Cloudrunner CR-H2 Camera

High-performance solar-powered ALPR camera

Superior performance day and night

Hybrid processing for reduced power consumption

Flexible installation: can be installed anywhere

Can be externally powered by 12Vdc

Start collecting vehicle evidence today

Getting started with Cloudrunner is a simple 3-step process:

1 Locate where you want to gather evidence

Capturing relevant and useful evidence is crucial. Consider locations like:
- The entrances and exits of your community to see who's coming and going
- On a corporate or education campus to know what vehicles are on-site
- Street corners where is crime is most prevalent in your community to catch perpetrators in near-real time
- High traffic locations like your community's main street to never miss a suspected vehicle on the move

2 Order the hardware you need

Whether you are looking for a fixed solution or a flexible one with high quality capture at all times, both options are available to you. You can even mix and match hardware based on your needs.

	Cloudrunner CR-H2	SharpV
Power	Solar or 12V	Hardwired: 24V or PoE++
Processing	Hybrid	Edge-based
Installation	Flexible	Fixed
Procurement	Subscription only	Perpetual or subscription

3 Power up your cameras

That's it. With Cloudrunner up and running, you automatically get access to:
- Configuration – ensure optimal data collection
- Software updates – get the latest features
- Support – access a Genetec specialist when needed
- Hardware upgrades – get the latest hardware if needed
- …and more.