



NEW INSIGHTS. NO NEW CAMERAS.

**LINC VIDEO-BASED
LICENSE PLATE RECOGNITION**



BREATHE NEW LIFE INTO YOUR VIDEO SYSTEM

LINC IS THE EASIEST WAY TO ADD INDUSTRY-LEADING LICENSE PLATE RECOGNITION (LPR) TECHNOLOGY TO ALMOST ANY EXISTING VIDEO CAMERAS AND NETWORKS.

Paired with our best-in-class LPR software, you'll be able to find vehicles of interest faster and uncover transformative vehicle location insights - all with the systems you already have in place.



MAKE USE OF MINIMUM SPECS

With our industry-leading optical character recognition (OCR), LinC will get the most out of even your lower quality cameras. Our algorithms features object tracking for improved accuracy and has been refined for maximum performance by our team of experts over years of real-world use and testing. Activated on cameras in either naturally lit or IR-illuminated environments, with minimum resolution of only 720p and frame rates as low as 15 FPS, you can immediately start collecting LPR data.

ACTIVATE IN ANY ARCHITECTURE

One camera or one hundred, centralized or distributed, LinC is available in a variety of configurations to make deployment easy.

Whether your existing cameras are new, top-of-the-line technology or a patchwork of various brands and types, as long as they are IP, they can start scanning license plates. LinC can use RTSP or any ONVIF-compliant video stream either at the edge or from a centralized VMS or network location. Any required processing hardware can be purchased from us or independently.

AMPLIFY AWARENESS AND INSIGHT

To make the most of your data, LinC comes with LPR software featuring robust alerting, powerful searching and patented analytics. Both Vigilant VehicleManager and Vigilant ClientPortal offer easy hot list creation or subscription options, such as to state and local lists, and alerting options across devices to stay aware of vehicles of interest. Additionally full, partial-plate and location-based searching is paired with powerful analytic features, creating a complete vehicle location intelligence package you won't find anywhere else.

FLEXIBLE, EASY DEPLOYMENT

HAVING A SOLUTION THAT BEST FITS YOUR NEEDS IS IMPORTANT. WE WILL WORK WITH YOU AND YOUR TEAM TO DETERMINE WHAT YOU WILL NEED TO PURCHASE AND WHAT WE CAN LEVERAGE FROM YOUR EXISTING INFRASTRUCTURE, TO SAVE YOU TIME AND MONEY.

BASIC ARCHITECTURES AVAILABLE:



CENTRAL PROCESSING WITH VMS

If you are sending your existing camera feeds to a VMS that supports RTSP output for the desired number of channels, we can consume those feeds and process LPR detections on a central server colocated with the VMS (usually in a server room or other dedicated location). Perform local monitoring and set up alerts from the server or rely on either Vigilant VehicleManager or Vigilant ClientPortal for enhanced, cloud-based alerting, searching and data analysis.



EDGE PROCESSING & LOCAL MONITORING

If local monitoring is required but network infrastructure can not stream HD video to the server from each camera, we can deploy a central server and edge processing. Connect up to four cameras to each edge processor and send LPR data via cellular or Ethernet back to the central server to perform local monitoring and set up alerts. Also rely on either Vigilant VehicleManager or Vigilant ClientPortal for enhanced, cloud-based alerting, searching and data analysis.



CENTRAL PROCESSING WITHOUT VMS

If your cameras are on a network backbone with sufficient bandwidth (usually fiber) and they are all accessible from a central location such as a server room, we can install a central LPR server and consume up to 24 full HD streams simultaneously and process LPR detections. Perform local monitoring and set up alerts from the server or rely on either Vigilant VehicleManager or Vigilant ClientPortal for enhanced, cloud-based alerting, searching and data analysis. and allow you to open up a QuickSearch result with one click.



EDGE PROCESSING & NO LOCAL MONITORING

For use cases where local monitoring is not required, and cameras are not connected to a central network backbone capable of streaming HD video, we offer standalone edge processors with communications capabilities. They can provide processing (and, if desired, PoE power) for up to four cameras. Cellular connectivity (sold separately) will let us send your LPR data directly to Vigilant VehicleManager or Vigilant ClientPortal for enhanced alerting, search and analysis.

MINIMUM CAMERA REQUIREMENTS:

- Ethernet IP Cameras only (no analog cameras or Digital Signal Processors)
- Capable of 1280x720 resolution or greater
- 15 - 30 FPS for monitoring traffic traveling from 30 - 60 MPH
- Support for RTSP or ONVIF compliant HTTP streaming protocols
- Shutter speed sufficient to capture plates without blurry characters
- Stream at a throughput of 4 - 8 Mbps
- For capturing plates at night, the camera must have IR illumination



BUILD A SAFER CITY WITH LICENSE PLATE RECOGNITION

To do license plate recognition well, you need the right tools for the job. We provide the most flexibility and options for capturing license plate data with fixed, mobile, trailer and quick-deploy camera systems, video-based integration and even mobile apps. All of these are equipped with our in-house developed, industry-leading LPR algorithm that is relied upon by law enforcement agencies and businesses worldwide.

Beyond ensuring you can collect the data you need, our suite of software solutions combines robust hot list management and alerting options with patented, powerful search and data analytics to equip your team with the insights they need to close more cases, faster.

Our software also keeps you in complete control of your data and systems with camera management, customer-defined data retention and broad data sharing options with built in memorandum of understanding (MOU) templates for you and your partners.

Lastly, to ensure your program is most successful, your solution is backed by a team who has built our license plate recognition portfolio to be secure and designed for responsible use from the ground up. You also have access to 24/7 support and free in-person, on-demand and virtual training from our expert trainers, all of whom were former users and want nothing more than to help you succeed.

To learn more about LinC, contact your local sales representative or reach out at www.motorolasolutions.com/contactus

