



Scan. Search. Solve.™

Increase traffic enforcement and compliance while building a powerful, cost-effective intelligence database.



Lower Salford Township Police Department

379 Main Street, Harleysville, PA 19438

December 12, 2023

Presented By:

Sean Petty, PLATELOGIQ

sean@platelogiq.com

610.463.0100



Table of Contents

- 1.0 Solving Crime, Enhancing Enforcement 3
- 2.0 Scope of Work 4
- INSTALLATION OPTIONS 5
- LOCATION 1 – RT. 113 AND RT. 63 – LPR..... 5
- 3.0 Schedule 6
- 4.0 PLATELOGIQ Will Provide..... 6
- 5.0 Client Will Provide 6
- 6.0 Cost Proposal – LPR (Valid until September 30, 2024)..... 7
- 7.0 Next Steps 8

1.0 Solving Crime, Enhancing Enforcement

This PLATELOGIQ solution will provide advanced capabilities to the Lower Salford Township Police Department that will both aid in solving crimes and increase the level and degree of traffic enforcement and compliance in the Township. A few of the key benefits include:



Access to a regional database of more than 2.6 BILLION reads per year.



24 hour per day, 365 day per year record of vehicle license plates through the identified intersection.



Regional and national data interfaces to improve crime solving through intelligence sharing.



Make, Model, Color analysis (daytime) for rapid identification and searching of vehicles – dramatically lowering time spent by officers and detectives investigating crimes.



Increased traffic enforcement through the use of the in-car web application to monitor traffic for PennDOT violations.



Fully managed hotlists including: NCIC (FBI), PennDOT Suspended, PennDOT Expired, PA and NJ Megan's Law Offenders.



Increased apprehension of wanted persons through real-time text, e-mail, and web alerts from *any* site in the PLATELOGIQ network.

2.0 Scope of Work

PLATELOGIQ (PL) will provide Lower Salford Township with a comprehensive suite of hardware and software to monitor vehicle traffic at the intersections described in this section. Our solution will include high definition advanced license plate recognition (LPR) cameras and state of the art machine-learning analysis software.

PL will provide and install the following items:

- ⦿ License Plate Recognition processors at each intersection
- ⦿ License Plate Recognition cameras, quantities identified per intersection
- ⦿ LPR service licenses
- ⦿ LPR maintenance
- ⦿ Cabling and brackets

PLATELOGIQ will work with a third-party installer to install the cameras and cabling on the existing traffic signal mast arms. PLATELOGIQ will be responsible for the installation of all LPR equipment and networking.

Installation Options

Location 1 – Rt. 113 and Rt. 63 – LPR

PLATELOGIQ will provide and install advanced license plate recognition cameras as shown in Figure 1. These cameras will be mounted on the traffic signal mast arms in the opposite direction of the traffic signals.

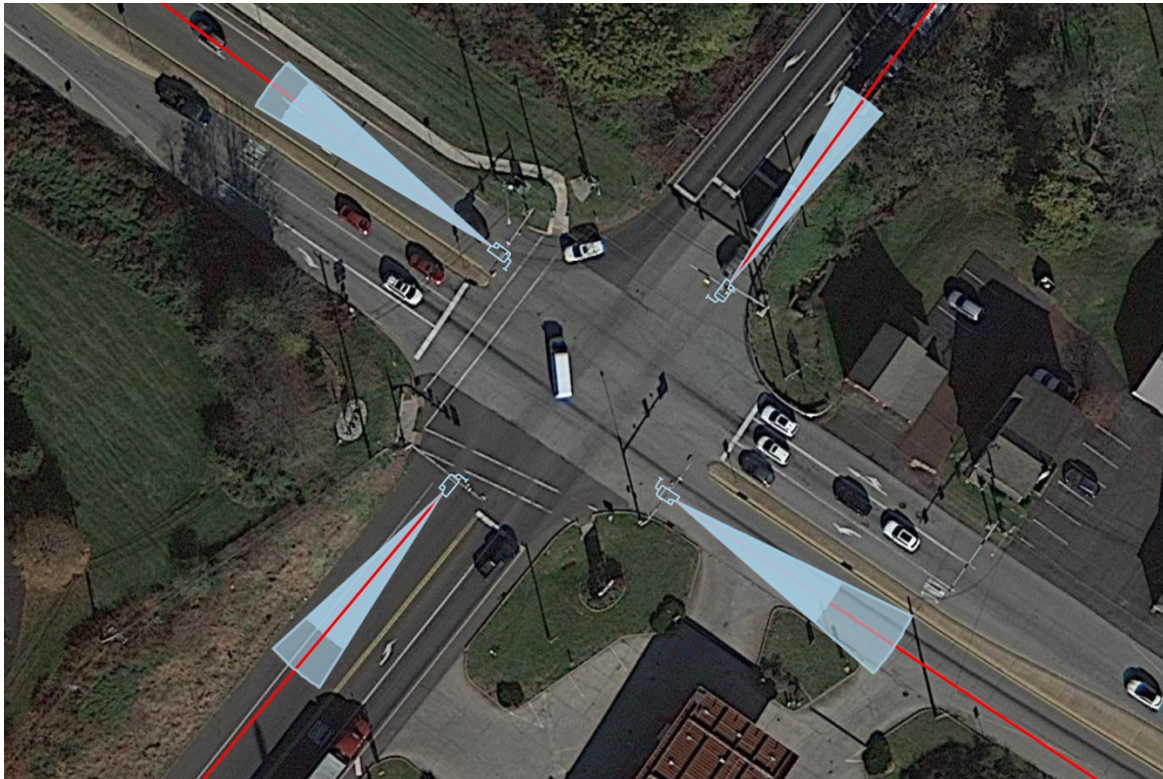


Figure 1 – Rt. 113 / Rt. 63 – LPR Overview

Each camera will provide coverage for both lanes of traffic, both day and night. Each installation will include integrated high-power infrared illumination for accurate captures during low light, high speed conditions.

PLATELOGIQ will install and configure a license plate recognition processor in the traffic signal cabinet. This processor will service both LPR cameras and submit information to PLATELOGIQ's cloud-based service. The Township will be responsible for providing cellular data service or another broadband Internet service to the processor.

3.0 Schedule

Task	Duration	Estimated Schedule
Installation of LPR Cameras	1 day	January, 2024
Networking Integration and testing	1 day	January, 2024

4.0 PLATELOGIQ Will Provide

PLATELOGIQ will provide the following equipment as part of this effort:

- ⦿ License Plate Recognition processors
- ⦿ License Plate Recognition cameras
- ⦿ All required power and ethernet cabling

5.0 Client Will Provide

- ⦿ Available 120V AC power for LPR processor in traffic control cabinet
- ⦿ Verizon/AT&T Cellular Data Service (SIM card provided by PLATELOGIQ)

6.0 Cost Proposal – LPR (Valid until September 30, 2024)

2023 COSTARS Contract 033- E22-045 Pricing	Rt. 113 and Rt. 63
Solution Cost (Manufacturer: PLATELOGIQ)	\$36,050
Annual Cloud Service	Included during the term
Contract Term	5 Years
Payment Terms	Upon Installation
Installation	Included
Hardware Maintenance	5 Years, Included

7.0 Next Steps

	PLATELOGIQ	Lower Salford Township
1	Agency issues purchase order	
2	Agency Agreement is executed	PLATELOGIQ will provide the agency with an Agency Agreement that details the terms, conditions, roles and responsibilities.
		The Agency will counter-sign the agreement and return it to PLATELOGIQ.
3	Site Survey	PLATELOGIQ will conduct a site survey of the installation location to determine if any special circumstances exist.
4	Approvals	PLATELOGIQ will assist the agency with applying for and securing any approvals or permits, if required. (PennDOT/local approvals).
5	Cable & Testing	PLATELOGIQ will install and test network cables and the LPR processor to ensure a seamless installation.
6	4G/Network Connectivity	Agency provides network connectivity for LPR processor via Verizon/AT&T SIM card or other arrangement.
7	Installation	PLATELOGIQ will schedule the PennDOT-approved contractor to install and aim the cameras.
8	Final Testing & Go-Live	PLATELOGIQ will verify the proper operation of the entire system and certify it to Go-Live.
9	Training	Once the complete system is live PLATELOGIQ will schedule and conduct user training.
10	Support	Following Go-Live PLATELOGIQ will provide Next Business Day support to the agency for the duration of the contracted maintenance period.