

Re: Sole Source Justification - Vigilant Solutions License Plate Reader Technology

Agency's success in serving the community is largely affected by the products and processes utilized. As technology has evolved over recent years, more agencies have moved toward fully integrated solutions that reduce data entry and redundancy, share data across departments and/or agencies, and help protect personnel in the field through intelligence and analytical capabilities. Vigilant Solutions' software is specifically designed to provide the integration and data sharing capabilities law enforcement agencies need.

Law Enforcement Archival Reporting Network (LEARN)

Vigilant Solutions owns and manages the single largest license plate recognition (LPR) data sharing initiative in the nation. LEARN consists of over 30 billion LPR scans, and is growing at a rate of over 450 million monthly scans. This data consists of Commercial Data owned by Vigilant and made available for law enforcement consumption. **This extensive LPR data set is owned and managed ONLY by Vigilant** and provides intangible value from an investigative perspective inside of the LEARN suite of applications. Below are other examples of LEARN features that are exclusive to Vigilant.

- LEARN software application is exclusively written, owned and maintained by Motorola Solutions and can only be procured by Motorola Solutions.
- Motorola Solutions, Vigilant LPR hardware can only be connect to our LEARN backend and no other third part solution.
- LEARN offers an exclusive application known as the **Mapping Alert Service (MAS)**. MAS enables the Agency to leverage the data sharing initiative of LEARN to match ALL available LPR data against Agency hotlists and provide "hits" on a map interface with agency-customizable icons. This can be used both to locate vehicles of interest, and also to visualize criminal "hot-spots" for predictive policing efforts.
- LEARN offers an exclusive application known as **Stakeout** that allows for a user to enter an address to see all "visits" to this location. Users may select visits and virtually "stakeout" a location, seeing all LPR scans collected by a driver on a given "visit".
- LEARN offers an exclusive reporting option in its Stakeout application known as **Common Plate Report**. This solution allows for multiple points of interest to be defined on a map, with corresponding geo-zones and times/dates. Vigilant's AI algorism searches for the location of "common plates" that are seen two or more locations of interest. This feature allows for investigations into pattern crimes (robberies, burglaries, sex offenses, etc) for generating leads into the identification of serial offenders and the identification of associated members of organized criminal enterprises.

- LEARN offers an exclusive query utility known as **Associate Analysis**. A query on a known plate can be sent for Associate Analysis to identify other vehicles commonly seen in close proximity to the suspect vehicle. This is very useful in identifying possible associates of a known suspect, or perhaps establishing a pattern of surveillance between a perpetrator and a victim.
- LEARN offers an exclusive application known as **Locate Analysis** which is designed to provide a probabilistic assessment of where to most likely locate a suspect vehicle. Locate Analysis groups LPR detections around addresses, tells you how many visits to these addresses have been conducted by an LPR-equipped vehicle, tells you how many times a suspect vehicle has been seen at each location, tells you if the suspect is more likely to be seen during the day or night at each location, tells you the most recent and most popular locations, provides you with an interactive and chronological map view, and also compiles all of this information into a simple Locator Score, giving immediate and actionable information on where and when you are most likely to find your suspect.
- Vigilant Solutions offers an exclusive smartphone application known as the Mobile Companion. Available for both iPhone and Android devices, the Mobile Companion allows for an agency user to capture license plate images for checking against agency hotlists, receive alerts on matches against agency hotlist, and also perform queries against all available LPR data (agency generated and Commercial Data).



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