

25 April, 2017

San Diego Harbor Police Department
Kurt Smith
3380 N. Harbor Drive
San Diego, CA 92101

Dear Kurt Smith,

I am very happy to hear that you are considering Vigilant Solutions as your provider, and I am pleased to present you with the following elements which should support a sole source justification for Vigilant Solutions' LEARN database, unlimited access to Vigilant's private LPR data, unlimited licenses to the Vigilant Mobile Companion, and access to FaceSearch facial recognition. All of the following are unique and/or exclusive elements to Vigilant's offering.

- Vigilant Solutions owns and manages the single largest license plate recognition (LPR) data sharing initiative in the world, known as the National Vehicle Location Service (NVLS). NVLS consists of over 4.3 billion LPR scans, and is growing at a rate of over 140 million monthly scans. This data consists largely of privately collected LPR data owned by Vigilant and made available for law enforcement consumption exclusively via LEARN.
- Vigilant Solutions LPR and facial recognition offerings are cloud-based eliminating any requirements of server hardware, database expertise, and software maintenance from the Agency. This hosted offering is made available by Vigilant in a secure data center with full backup and redundancy. This service from Vigilant provides data storage, database optimization, and software updates.
- LEARN offers an exclusive application known as the Mapping Alert Service (MAS). MAS enables the Agency to leverage the data sharing initiative of NVLS 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 has the ability to query by year, make, and model.
- 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 allowing for multiple points of interest to be defined on a map, with corresponding geo-zones and times/dates, for the location of "common plates" that are seen in more than one of the 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 investigative 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 is the only vendor to provide the ability to administer software updates to field-installed mobile LPR systems directly from the back-office. Software updates from Vigilant are made available to Agency Managers in LEARN, and can then be pushed out to vehicles in the field via standard LEARN server-to-vehicle communications. This feature saves time for the Agency in administering field software updates.
- Vigilant Solutions is the only LPR vendor that offers mobile LPR systems using a Digital Signal Processor (DSP). This is important to the Agency because a DSP unit is a solid-state device that contains no moving parts including the processor, motherboard, or memory. The DSP is designed for ruggedized mobile conditions and is resistant to failure due to shock and other adverse conditions commonly seen in a patrol vehicle.
- Vigilant Solutions offers an exclusive feature in its mobile LPR system known as the Mobile Hit Hunter (MHH). Similar to MAS, MHH enables the Agency to match recent NVLS data against the Agency hotlists and distribute any resulting "hits" to MHH-equipped patrol vehicles that are within a two-mile radius of the suspect vehicle. This service greatly enhances the efficiency of officers on patrol.
- Vigilant Solutions' FaceSearch offers an exclusive facial recognition platform leveraging over 350 different "vectors" or measurements of the human face for matching of unknown (probe) images against known (gallery) images.
- Vigilant Solutions' FaceSearch offers an exclusive and pre-populated facial image gallery of over 14 million images from mugshots, sexual offender registries, CrimeStopper websites and other sources.
- Vigilant Solutions offers an exclusive smartphone application known as the Vigilant Mobile Companion. The Mobile Companion allows for an agency user to capture LPR and facial recognition records using the phone's camera, perform simple queries and complex LEARN analytics, access Mobile Hit Hunter, and FaceSearch.
- Vigilant Solutions' back office system is multi-vendor compatible with all major LPR hardware, allowing for competitive camera hardware to be connected for enhanced analytics and ease of use.

The above qualifications demonstrate why Vigilant Solutions' LEARN software-as-a-service is uniquely qualified to meet the needs of the San Diego Harbor Police Department.

We look forward to serving you.

Best Regards,

Greg Mills, Southwest Regional Manager
greg.mills@vigilantsolutions.com