

TOWN OF WRIGHTSVILLE BEACH



Request for Proposal

AUTOMATIC LICENSE PLATE RECOGNITION SYSTEM

REQUEST FOR PROPOSAL

AUTOMATIC LICENSE PLATE RECOGNITION SYSTEM

The Town of Wrightsville Beach, North Carolina is soliciting proposals from qualified vendors to provide an Automated License Plate Recognition System (ALPRS) to monitor vehicle traffic onto and off of Wrightsville Beach. Each proposal submitted shall address all of the requirements set forth in this Request for Proposal (RFP).

Municipal Profile

Wrightsville Beach is a coastal community that is a popular vacation and beach resort destination. It has a year-round population of approximately 2,500 residents and that number swells to over 25,000 during the summer months.

Wrightsville Beach is situated on the Atlantic Intercostals Waterway that extends from Norfolk, Virginia to Key West, Florida. This route is regularly used by boaters to travel from Northern to Southern ports and the Caribbean. Our community consists of two main islands, one of which is a barrier island on the Atlantic Ocean and the other is located on the waterway. Wrightsville Beach also borders the city of Wilmington which houses a large port for commercial and recreational traffic on the water.

The Wrightsville Beach community is unique in that all vehicle traffic heading into Wrightsville Beach and leaving Wrightsville Beach must pass over the Heide Task drawbridge creating a unique situation to efficiently and effectively monitor traffic into and out of our community.

Traffic studies have been conducted at different times of the year, including holiday weekends. When those numbers are extrapolated, vehicles crossing the Heide Task drawbridge onto Wrightsville Beach is estimated at approximately one million six hundred thousand (1,600,000) per calendar year.

Project Objective

The Town is seeking a qualified vendor to provide one (1) stationary ALPRS camera, one (1) mobile ALPRS camera and provide all the necessary software and infrastructure to monitor vehicle traffic into Wrightsville beach.

Project Considerations

The Town of Wrightsville Beach is in the process of negotiating an agreement with the North Carolina Department of Transportation to encroach upon their right of way on NC Highway 74/76 for the placement of a pole to mount the stationary camera or the placement of the camera on DOT's infrastructure. Our secondary option is to obtain an agreement with Progress Energy to allow the town to mount the camera on a utility pole. Any LPR vendor would be required to be adaptable to any stationary placement option and location.

Funding for this project was secured through a grant originating from the Department of Homeland Security and was specifically designed to aid in port security. The Town of Wrightsville Beach has established a specific budget for this project. The cost of the project and related expenses (installing a pole or other associated expenses) must be within the amount allocated for the project.

Project Overview

The project will encompass the following:

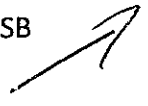
A. Technical Equipment Specifications

1. System shall be composed of a camera with a digital signal processor based on optical character recognition processing along with a power distribution and network communication unit, and all necessary cabling and mounting hardware for a use in a patrol vehicle setting and for a stationary unit mounted on a fixed object. *NDI's LPR systems include cameras, processors, cables, mounts, recognition engines, and all necessary cabling and mounting for both mobile and stationary units. All of NDI's hardware components are also proudly made in the USA and our cameras use a neural network, referred to as TALON for our recognition.*
2. All cameras must be operational in both intense day and night lighting conditions. *NDI Exceeds this Minimal Requirement. NDI's C320 Cameras operate in all conditions/weather. A sun shield is available in areas where bright sunlight will be a constant. NDI's Cameras are also delivered with an integrated internal infrared illuminator for operation in all weather conditions as well as day and night conditions. In addition, NDI provides a variable zoom which enables cameras to accommodate all ranges (focal lengths).*
3. The system will perform ALL optical character recognition processing on a dedicated processor unit, eliminating the need for any Mobile Data Terminal (MDT) processing requirements. *NDI's VeriPlate uses our Talon recognition processing in our dedicated trunk mounted processors and cameras to eliminate MDT processing. This neural network is an advanced solution compared to standard Optical Character Recognition.*
4. Support a web based application or system to display responses in full color with the plate read, color vehicle image, and cartography from the License Plate Reader system on non-LPR equipped vehicles. *NDI's VISCE (VeriPlate Intelligence Server and Communications Engine) is a web-based application that is accessible to all users assigned a username and password from any computer. Data includes full color image, IR image of plate, plate data, and cartography.*
5. Camera cables will be shielded to eliminate RF interference and use military specification (MIL-SPEC) connectors. *NDI uses shielded cables to prevent RF interference and compatible connectors.*

6. Power specification is 12 VDC; Power consumption will not exceed 25W per camera unit for at least the mobile LPR. *NDI's power consumption does not exceed 25 W per camera unit.*
7. Each Camera unit must have internal heating elements to extend low temperature operating levels. *NDI's cameras are built to sustain both extreme low and extreme high temperatures. Our cameras are installed along the Northern border of New York, South Florida, many coastal barrier towns as well as in Afghanistan, Libya, and Australia where we have clients successfully deploying our ALPR solution.*
8. The system shall be designed and installed to be immune from the temporary drop in DC power during vehicle starts and will not reboot or lose connectivity with the vehicles system. *NDI's mobile system can be installed permanently to a vehicle ignition, or used as a mobile application that can be plugged into a cigarette lighter.*
9. The system should be configurable to allow setting a delayed power off in a series of different intervals (Example: 0, 5, 10, 60, 120 minutes). *Settings for each system can be configured at installation.*
10. Each camera enclosure shall include two cameras (one color and one black/white) and an infrared illuminator and be nitrogen sealed to perform in any weather condition. *NDI's cameras include both the color overview and an IR illuminator in each enclosure to work in both day and night conditions. Cameras are built in a controlled environment that eliminates moisture and condensation from entering the enclosures.*
11. LPR system should have operating temperature range of -20 to 65°C (-4 to 149°F). *NDI's cameras are extremely durable in both low and high temperatures up to 122 degrees F.*
12. Cameras must be available in ranges to reach a middle traffic lane from a road shoulder. *NDI's cameras have zoom lenses that vary in range from 8 to 150 feet, depending on application. NDI has one camera that is adjustable to fit each clients need.*
13. On vehicle applications, cameras shall be externally mounted with secure magnetic base including optional alignment bracket and variable direction system. The variable direction system allows the camera to be locked into a forward or backward facing position. *Vehicle mobile applications can be installed with different setups. We offer permanent mounts on light bars, and mobile systems that have brackets designed for trunk mounting.*
14. The mounting system shall include an anti-theft/removal bracket to guarantee the placement of the camera when trunk mounted on a vehicle. *Trunk mounts include a wraparound base that prevents theft and secures the placement without damaging the trunk lid itself.*

15. Communications between the cameras and user interface will consist of IP (internet protocol), TCP (transmission control protocol) and UDP (user datagram protocol) over 100Mb Fast Ethernet for mobile applications. *NDI's system meets these requirements.*
16. The system separately captures, interprets, processes, displays, and stores images of license plates within range of the equipped vehicle without action from the end-user. *NDI's system operates without any action from end user. Software can be minimized while officer is completing other reports, etc. and will automatically populate upon an alarm.*
17. The system will continue to read license plates during all functions except for a diagnostic mode. *Our system can continue to read and capture data during all functions, even in live video mode which offers the option to store snapshots of events happening in real time. NDI also has an added feature that does allow all functions even during diagnosti mode.*
18. The system shall provide a GPS device for mobile applications. *All mobile applications include a GPS for data tracking.*

B. User Interface Specifications (In-Vehicle)

1. The user interface software must be able to be loaded on existing mobile data terminal (MDT) or laptop computer and not require additional interface hardware. *System meets this requirement.*
2. The system must be installed and function on an MDT within the minimum specifications for the user interface software. The minimum specifications are: Pentium III 700 MHz processor, 512 MB Ram, 800x600 minimal display Resolution, 5 GB disk space available, 1 - 100Mb Fast Ethernet, and 1- USB 2.0 port. *See included specifications for our RDS system which is enclosed in this package.*
3. The system must be installed and function on an MDT within the recommended specifications for the user interface software. The recommended specifications are: Core2Duo or Higher processor, 1 GB Ram, 1024x768 minimal display Resolution, 30 GB disk space available for local car historical records, 1 - 100Mb Fast Ethernet, and 1- USB 2.0 port. *NDI's recommend specs are 2.0 GHz, 4 GB Ram, 20 GB free disk space, Windows XP or Windows 7 (32 bit only), 1-100Mb Fast Ethernet and 1 USB 2.0 port.* 
4. The system must function with full capabilities with an operating system environment of XP Professional or newer Windows technology. *Windows XP or Windows 7 (32 bit only, 64 bit not supported)*
5. Each license plate read will consist of one color overview image of the entire target vehicle, one black & white of the license plate, a time and date stamp, GPS coordinates, and any associated notification information. *Each plate capture includes color overview,*

IR image, time and date stamp and GPS coordinates, along with any notes the officer adds to the read.

6. The system must allow storage of plate reads for at least 1 month and up to 12 months and retain those records after data transfer to a server for long term storage. *NDI Exceeds this minimal Requirement. Storage limits can be set for each system at time of install. Some customers choose to store their data indefinitely based on storage space while others choose to purge their data based on designated Agency policy and/or State data retention requirements. Either way NDI complies.*
7. The system shall provide the ability to store at least 10 million records in its "hotlist" database. *NDI Exceeds this Minimal Requirement. Database will hold unlimited amount of records from hotlist.*
8. The system shall provide the ability to accommodate multiple hotlists acquisition for independent data sources or the police department's central console. *NDI Exceeds this Minimal Requirement. Each department will have an unlimited amount of hotlists that they can upload from local lists of "bad" tags.*
9. The system will be multi-user capable with user and password management available through the in-car interface and the police department's central console. *Users and passwords may be entered through in-car interface or through the use of VISCE software at the central server site. User names and passwords are easily managed through profiles via security rights as designated by permissions.*
10. The system should have the ability to push settings to the in-vehicle system from the police department's central console. *VISCE allows for information to be pushed to LPR vehicles from the server end.*
11. The system should have the ability to lock out certain features based on user logon credentials set at the police department's central console. *I.e. the ability to prevent a user from searching history. All users and roles have the capability of having certain features locked out to prevent any improper use. Any action taken on our system is audited and can be searched at any time.*
12. The in-car system should have the ability to query record data on the server and present it to the user without leaving the application. *Veriplate offers a search function to search data from in car system without leaving the application. This function would search that particular vehicles data. All other data would be searched from the VISCE application.*
13. Passwords should be secured using one way hashing technology. *Our system meets these requirements.*

14. The system shall automatically allow retrieval of forgotten passwords without Administration intervention to reduce IT support. *Passwords are set at installation and therefore, password changes require Administrative rights.*
15. Hotlists must be able to be loaded via USB flash drive, Wi-Fi and long-range (cellular, modem) with no user intervention. *Hotlists can be loaded via USB flash drive, Wi-Fi and cellular with no user intervention.*
16. Reads that are on the hotlist (notifications) must alert the user with both an audible and visible alarm in under a second. *NDI Exceeds this Minimal Requirement. All alerts have both an audible and visible alarms that trigger in a sub second. In addition, these alerts can be color coded based on priority and alert the end user to varying degrees of priority as configured.*
17. The system will allow the end-user to query stored reads against time and date and full or partial plates. *NDI Meets this requirement, and in additional NDI's VISCE allows searches against time and date and full or partial plates with a minimum of one letter This is accomplished via a "Wildcard" search.*
18. The system will allow query results to be displayed and include a time and date stamp, a B&W image of the plate, a color overview image and corresponding GPS coordinates of the read placed on a map including any associated information with the hotlist database match. *VISCE reporting allows query results to be displayed and include a time, date stamp, B&W image of the plate, color overview image and corresponding GPS coordinates of the read placed on a map including any associated information with the hotlist database match, and are exported to either a excel or PDF format.*
19. The system will allow multiple results from a query to be shown on a map. *System allows multiple results from queries to be shown on a map.*
20. The mapping system must be local to the MDT and NOT require the use of internet connection to render any maps. *MapPoint is installed on MDT and does not require the use of internet connection.*
21. The mapping system must be licensed and proof license must be furnished at time of bid. *User license for MapPoint will be provided.*
22. The mapping system will be part of the system purchase cost and not tied to data usage. *All mapping is included with system and does not get charged per data usage.*
23. The mapping system will be updateable at least once per year given the system is under warranty. *All software updates are included while under warranty or maintenance contract.*
24. The system will interpret and report only one license per scanned plate. Systems that provide multiple responses for each read plate are not acceptable. *System reports one*

license per scanned plate, but does allow for plate editing if a mis-read occurs. Common misreads are available for quick changes and can be turned off if user does not want on.

25. The system shall provide multiple layers of security and configuration so that certain matches may alert only those officers with appropriate privileges. Alerts can be configured to be sent to certain users only. In addition, NDI also provides the functionality of having a hotlist and alerts managed in a "Covert" nature. In other words, a system administrator or user with the appropriate security rights can configure alerts that to the end user are not viewed while the true alert is sent to a predefined user or group. This feature is especially valuable in covert, undercover and/or internal affairs investigations or other scenarios where a covert alert is desirable.
26. The system should run off an embedded database not requiring additional maintenance, installation or fees. Database fees are included in system price.
27. The system shall be able to capture an image with a manual trigger by the end-user. System offers snapshot capability so that a manual trigger can capture an image and is able to be searched through VISCE.
28. The system will allow the ability to toggle between the black/white (IR) image and the corresponding color image on the user interface. User interface shows both the color overview and IR image at the same time.
29. The system will be configurable to choose the default image displayed after system startup as either the black/white or the color image. System can be configured according to department specifications.
30. The system is able to process images and data from multiple sets of cameras (fixed and mobile) simultaneously. VISCE offers ability to process images from multiple sets of cameras at the same time, and allows for Live Reads function that allows monitoring of fixed camera reads in real time.
31. The system is able to retrieve new or updated hotlist files automatically on an agency-defined schedule, via the wireless network connection, and without operator intervention. Configuration of hotlist schedules is completed at time of installation and will be done automatically based on the schedule.
32. The system will have at least 20 multiple classes of alarms to differentiate between notification types. Alarms can be configured with different audible tones to differentiate between notification types. A visual color on alerts will also differentiate between different hotlists.
33. The Graphic User Interface (GUI) will allow the end-user to manually insert a plate, state and additional description data. The GUI will also search through in-car stored read for inserted plates and display any and all past reads on that that plate. Veriplate

allows for manual insertion of plates and detailed information pertaining to inputted plate. GUI will also allow search of inserted plates, both past and present in that vehicle.

34. The system must be able to take a still digital image with the cameras from the user interface. *NDI Exceeds this Minimal Requirement. System takes still images in live video mode and also reads tags during live video mode. In addition, NDI allows for the entering of notes, an associated case number, etc to the stored still digital image. The digital images are also searchable and retrievable.*
35. The system must include on-board cartography in the user interface to show every read on a map *On board cartography is included in all mobile systems to show every read on a map.*
36. The system must be able to conduct "geo-fencing", whereby a violation range can be established for a specific alarm type and alarm accordingly within that range. *Geo fencing can be done through both VISCE and mobile system.*
37. The system must be able to conduct "historical checks" of gathered data when a new hotlist is published and alert defined groups of users to possible matches. *System conducts historical checks of gathered data when a new hotlist is published.*
38. The system must be able to conduct HTML data export containing independent images linked to a report. *System is able to conduct HTML data export linked to a report with independent images.*

C. Server Specifications

1. The software will allow searches of stored reads via time and date, plates (including partials), location radius, and map location. Queries will be able to be defined for partial plate searches using regular expressions. *Server allows searches of stored reads using a multitude of different query expressions, including date, time, GPS; unit, etc.*
2. The software will allow the display of a thumbnail of the original image with query results. *Thumbnails are offered as an option on the query page.*
3. Each query result will link to a details page ~~that~~ includes original color image, --- black/white image, and map location. *All query results link to color image, black/white image and map location.*
4. The software must be able to create PDF file for each record to include a color image of the vehicle, a black/white image of the vehicle, a map of the read location and the ability to view the location on a maps. *PDF files can be created for each record and will include user name and date of search itself.*

5. The server software must have a mapping system that does NOT require internet connectivity to render the maps. *Server software does not require internet connectivity to render the maps.*
6. The server mapping system must be licensed and proof license must be furnished at time of bid. *Mapping license can be provided at time of bid.*
7. Software has built-in trouble management system to alert support personnel of potential problems. *Software has a trouble management system that will alert support personnel of potential problems.*
8. The software provides data mining functions including: Convoy Analysis, Unique/Duplicate plates time frame analysis, and Nested searches. *Data mining functions include convoy analysis, loop analysis, and other options are available.*
9. Communications protocols to accompany different bandwidth requirements. *Meets requirements*
10. The server software must support bi-directional communication *Software supports bi-directional communication.*
11. The system must be able to generate email messages to handheld devices including mapping. *Alerts can be sent to handheld devices and include all information pertaining to reads.*
12. The software must be able to manage multiple hotlists that have different independent refresh rates. *Each hotlist can be independently refreshed according to scheduled times.*
13. The software must be able to manage hidden hotlists segregating users by authentication. *Software can manage hidden hotlists segregating users by authentication.*
14. The software will allow pending alarms that are not managed in a configurable time frame to be transmitted to a back office server and automatically change the class to deferred. *Software allows pending alarms that have not been managed to be transmitted to VISCE and handled through the software.*
15. The software must allow for multiple login roles with various permission levels. *Software allows for multiple login roles with various permission levels.*
16. The software must allow for customized menu selection based on role. *All roles can be defined based on custom menu set by agency.*
17. The software must provide an activity log of user functions. *All functions completed on VISCE are documented and searchable for auditing purposes.*

D. Company Performance

1. The LPR provider must have experience in large camera network systems installed and currently operational in North America. *NDI currently has a similar installation at the Charlotte-Mecklenburg Police Department in North Carolina and is in the planning phases of expanding the fixed ALPR system with NDI. NDI has several large camera networks installed and operational in North America, including a 26 fixed camera project in Lighthouse Point Park, FL. NDI is also experienced and familiar with working in conjunction with NC DOT in similar NC ALPR projects and enjoys a good working relationship with NC DOT. These relationships can only benefit Wrightsville Beach in the implementation of this proposed project. Most recently NDI worked on a joint project with the Charlotte-Mecklenburg Police Department and NC DOT.*
2. The LPR provider must manufacture and service the system in the United States. *NDI manufactures all hardware and software in the United States.*
3. The LPR provider must be able to provide references from current U.S. customers. *NDI has a long list of reliable references from current US customers.*
4. The LPR provider must have 24/7 Technical Support within 250 miles of location *NDI has support personnel in Charlotte, NC and can be reached at any time.*

Scope of Services

The project should be accomplished in three (3) distinct phases – **Phase I**, Project Planning and Design; **Phase II**, Research and Data Gathering; **Phase III**, Project Installation and Implementation. The three phases should include, but not be limited to, the following components:

Phase I – Study Planning and Design

- A. Provide a live demonstration of the products to ensure they meet the above provided specifications.
- B. Contract preparation and approval.
- C. Determination of scope of work necessary to accomplish the project.
- D. Identification of at least three (3) comparable communities where the same or similar systems are being utilized and serviced by this vendor. Be sure to consider the unique nature of Wrightsville Beach, including its location, large seasonal population change, close proximity to the Atlantic Intercostals Waterway and its unique vehicle traffic situation.

Phase II – Research and Data Gathering

- A. Make a site survey of the Town of Wrightsville Beach and of the Town's Police Department which will serve as the server and console location for the ALPRS.
- B. Make an assessment of the Police Departments vehicles, mobile data terminals (MDT), server, and other infrastructure to ensure the design has taken all these factors into consideration.
- C. Conduct an assessment of the specific needs of the Town as it relates to the ALPRS project. Specifically, the roadway, bridge location, mounting limitations and other obstacles that could affect the design of the ALPRS for Wrightsville Beach.
- D. Gather current data from at least three (3) comparable communities that have been identified for comparative purposes.
- E. Conduct a feasibility study of the project based on the funding available. Take into consideration that part of the Town's cost could include putting in a pole, running power to that pole and running fiber optics depending on the design for the stationary unit.

Phase III – Project Installation and Implementation

- A. Install the ALPRS on our mobile application.
- B. Install the ALPRS on our stationary application.
- C. Perform analysis of performance of both units to include a test of their accuracy and reliability.
- D. Provide a real time live demonstration to the Police Department and the Town Administration demonstrating the project's success and completion.

Proposal Submission

The Town of Wrightsville Beach will accept proposals only for the project described above. Proposals shall include the following:

- A. A brief description of the vendor's professional experience in providing Automated License Plate Recognition Systems to other municipalities. Please include specific information as how the vendor has supplies similar systems to similar communities as Wrightsville Beach.
- B. A listing of all fees and associated costs that would be charged in connection with this project.
- C. A proposed project schedule to include any special conditions, specific deadlines, or other requirements to complete the project.
- D. A proposed payment schedule.

Proposals must be received no later than 4:00 p.m. on Friday, March 2, 2012 and be addressed as follows:

Town of Wrightsville Beach
Attention: Town Manager
321 Causeway Drive
Post Office Box 626
Wrightsville Beach, NC 28480

Any questions should be directed to Robert Simpson, Town Manager at 910.256.7900 or bsimpson@towb.org.

Project Completion Date

The project must be finalized with all equipment installed and fully operational no later than June 22, 2012.

Vendor Selection

It is anticipated that a vendor will be selected on March 8, 2012 with the expectation that the project will commence no later than Monday, April 2, 2012. The Town of Wrightsville Beach reserves the right to reject any and all proposals received for this project.

2/29/2012

Wrightsville Beach Police Dept.
3A Bob Sawyer Drive
Wrightsville Beach, NC 28480



Quote Ref: ST2292012SC

The following is a quote for a Fixed 4 Camera Automated License Plate Recognition solution, Road Warrior, and 1 RDS mobile system. The pricing includes VISCE Back Office, Hot List synchronization, installation, training and 1 year Manufacturer's warranty. **Site survey will need to be conducted when project funding is approved for complete accuracy on pricing. Quote will be subject to change accordingly.**

Item	Part #	Solution Description	QTY	\$Price	Total
		<u>CAMERA</u>			
1	C320D-01-EN1	C320- 810nm dual lens LPR camera (color / IR) variable focal lenses and IR illumination	4	\$4,500.00	\$18,000.00
		<u>HARDWARE</u>			
2	SCII LPR P	SCII LPR processor supporting camera, power, cable assembly's, Integrated TGX video FG, and lightening protection circuitry, power supplies, TALON Recognition Engine	2	\$6,000.00	\$12,000.00
3	Mounts	Customized Mounting and Accessories for ALPR Cameras & Processors Including adaptors and mounts.	4	\$600.00	\$2,400.00
4	Cables	4 Cables C3-01-Cable 10M	4	\$450.00	\$1,800.00
5	RDS-2Cam	V220 variable focus, dual lens camera(s) with integrated infrared illuminator, camera cables, TGX-200 USB camera controller, VeriPlate TALON Software with Law Enforcement Client Interface and a choice of window or trunk camera mounts. Note - customer to supply laptop computer!	1	\$9,950.00	\$9,950.00
6	Road Warrior	All Traffic Solutions Speed Alert 24 Radar Message trailer	1	\$31,770.00	\$31,770.00
7	RW-1Cam	Road Warrior one camera fixed system bundle	1	\$14,750.00	\$14,750.00
8	Power Supply	5 Day power source- OPTIONAL	1	\$3,500.00	Optional
		<u>SOFTWARE</u>			
9	VP-VISCE-SW	Web-based VISCE Intelligence Server complete with FDLE upload/download capability, hot list management, user management, advanced mapping (Google Maps), data sharing and full reporting	1	\$5,000.00	\$5,000.00
10	VISCE Static	VISCE Static Camera Gateway software and user interface license	1	\$1,000.00	\$1,000.00
11	Predator	Predator "Live Check" CAD integration package to allow for confirmation of hits through NCIC. OPTIONAL	1	\$2500.00	\$2,500.00
12	MWarr -1yr	Manufacturer's Warranty Included - 1 st year	1	\$0.00	\$0.00
Total Capital Costs for Hardware / Software:					\$99,170.00

SERVICES

On-Site Engineering services (install, configure and commission) @ 5 days (\$1,800. per day)-Includes Training				
13	Inst. Serv		1	\$9,000.00 \$9,000.00
14	Program	Program Management	1	9,917.00 \$9,917.00
15	Travel	Travel and Living expenses during installation	1	Included Included
Total Cost of NDI LPR Project w/ install:				\$118,087.00
16	Yr1 Sup opt.	Year 1 <u>On-Site</u> support (fix or replace) & maintenance @ 16% Optional	1	1 st Year \$15,867.20

*****TOTAL NDI Project Cost w/ **optional** yr 1 maintenance:
\$133,954.20

Camera Mounting

Agency to provide all city permits, clearance, poles, bucket truck for installation services, and traffic control if necessary during installation.

Electricity

WBPD to provide 120v A/C Power at each processor location. Each processor will be directly wired into the customer supplied junction box for continuous power service. It is highly recommended that each pole/power run be outfitted with a lightning/surge suppression system and a lockable power breaker/disconnect located within easy reach near the bottom of the pole.

User Training

Comprehensive user training (up to ten trainees) is included at the time of installation and will include camera operation; hot-list management and VISCE back office functionality. NDI will also provide at "No-Charge" periodic online web refresher training for up to ten (10) attendees during the 1st year.

VISCE Back Office Installation

The VISCE back office software will be remotely installed by an NDI software engineer in cooperation with the agency IT department at the time of installation.

Lead Time

Lead-time from receipt of order to installation is 4 to 6 weeks.

Project Completion Date

Per requirements by WBPD, system will installed and operational no later than June 22, 2012.

Payment Terms

NDI will invoice for the hardware / software when shipped from Longwood and all warranty will commence on that date.

The VeriPlate advantage provides for Single Click "Live Check" with the push of a single button , Real time access to Hotlists and Dynamic Dispatch pushing up to the minute intelligence to the Officer.

When considering an ALPR solutions provider, I hope you will take into consideration the following key points about our company:

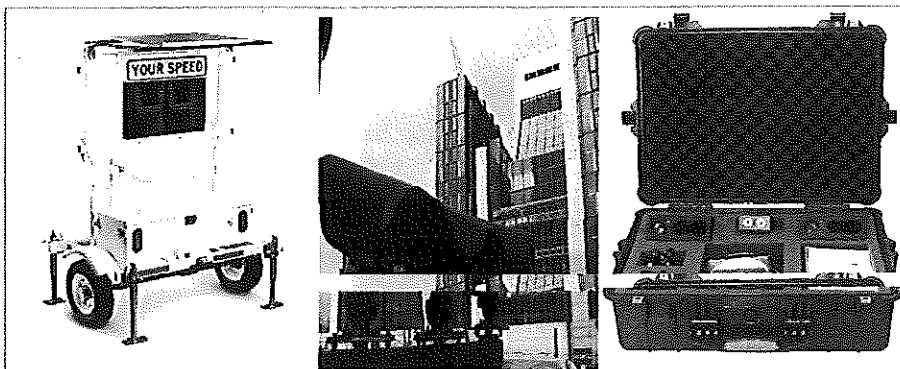
- Our only market focus is the perfection of Automatic License Plate Recognition technologies
- NDI is Florida based with unprecedented on-site support and services
- As an Original Equipment Manufacturer, we design, manufacture, and develop our own hardware and software- we control the quality and support of our products from start to finish
- NDI offers an ALPR Web based "back office" analysis package that provides data mining of "historic" license plate information obtained and stored from all deployed mobile and fixed systems within your agency.

I trust this meets with your approval but should you require further information or if I can assist in any other way, please do not hesitate to contact me directly.

Sincerely,

Sheri Taynor

Sheri Taynor
Field Sales Account Executive
(407) 289-7586- Cell
(321) 441-1800 x 108- Office
s.taynor@ndi-rs.net



VeriPlate Laptop Components

The laptop (supplied by your organization) will be installed with NDI's TGX-200 USB Frame Processor and the VeriPlate ALPR User Interface.

VeriPlate makes use of the laptop's existing wireless network to connect to the VeriPlate Application Server to download hotlists and upload captured data.

VeriPlate Laptop Requirements*:

- Processor: 2.0 GHz or higher
- Memory: 2GB RAM or higher
- Hard Drive: 20 GB free disk space
- Windows XP Operating System with latest Service Pack
Windows Vista is NOT Supported
- Microsoft .NET Framework 3.5 SP1
- Microsoft SQLExpress Edition 2005 or 2008 with Toolkit
- Ability to install Microsoft MapPoint 2009
- Ability to install VeriPlate software
- Ability to install DirectX 9 (if not already installed)
- Operator's username on the laptop must have "Modify Access Rights" to the "Program Files" folder in order for the operator to run the VeriPlate system.
- Must be able to access the VeriPlate Application Server over the wireless connection using ports 20200, 20201 and 20206

❗ The appropriate network/security settings **MUST** be made prior to the installation and someone from your I.T. group must be available during the installation.

**Appropriate credentials must be supplied for installation of laptop software.*

The three VeriPlate server components can be located on a single dedicated server, or distributed to existing application, SQL and web servers. Installations with 4 or more ALPR systems will require the Application Server and SQL Server be separated.

VeriPlate Application Server Requirements:

- Processor: Server Class Pentium Dual-Core or Better
- Memory: 4 GB (6 GB Recommended)
- Hard Drive: 10 GB Free
- OS: Windows Server 2003 or 2008 (32 or 64-bit) *w/latest SPs*
- SQL Server Management Studio 2005 or 2008
- Access to FDLE via FTP over CJNET (<ftp.flcni.net>)
- Local (or domain) user setup for auto-logout
- Ports 20200, 20201 and 20206 open for TCP traffic to all ALPR systems.
- Ability to install FTP Client software for downloading of FDLE hotlist extracts.
(AutoFTP does not run as a service and requires a user to be logged on the server at all times.)
- Network Connection with Static IP Address
- User credentials for FTP must be obtained from the State to access the FTP Server *before* the scheduled installation.

SQL Server Requirements:

- Processor: Server Class Pentium Dual-Core or Better
- Memory: 4 GB
- Hard Drive: 100 GB Free
- SQL Version: SQL Server 2000, 2005, or 2008 (32 or 64-bit)
SQL Express Edition is NOT supported
- Remote SQL access enabled via SQL Authentication
- A SQL user and two databases will be created. This user will require full administrative rights of those databases.
- Ability to create SQL databases and run configuration scripts

VISCE Server Requirements:

- Processor: Server Class Pentium Dual-Core or Better
- Memory: 2 GB (4 GB Recommended)
- Hard Drive: 10 GB Free
- OS: Windows Server 2003 or 2008 (32 or 64-bit) *w/latest SPs*
- Internet Information Server (IIS) Version 6 or better
- Microsoft .Net Framework 3.5 SP1
- ASP.NET support enabled
- If using an existing web server with a version of Crystal Reports installed, that version *must* be v12 (2008) or higher
- If Crystal Reports is not currently installed, NDI will install a runtime version
- Ability to install AJAX extensions
- Ability to install VISCE Application software and services
- Port open for users to connect to the VISCE Server (usually port 80)
- ASP.NET user will need read/write access to the IIS folder and the file system folder
- Access to Google Maps (maps.google.com)



FEDERAL SIGNAL
Safety and Security Systems

Customer Quotation

2645 Federal Signal Drive
University Park, IL 60484
P (708) 534-4895
C (630) 209-2951
mbrady@federalsignal.com

Customer: Town of Wrightsville Beach

Date: 2/14/12

Attention: Robert Simpson, Town Manager

Address: 321 Causeway Drive PO Box 626

City: Wrightsville Beach

ST NC

ZIP 28480

Project Description: (1) Fixed and (1) SLATE LPR System with installation, optimization and training

Quote Number 02142012 - Wrightsville Beach

Item #	Part #	Description	Unit Price	Quantity	Total Price
1	SLATE-750-LE-B	Mobile Law Enforcement package - Slate low profile camera with 750m, 810nm or 950nm illumination, SuperEx III processor, camera connector(s), GPS module, PAGIS software, PIPS ALPR/OCR Engine, Client/Server architecture with brackets. Special NC lenses.	\$ 6,432	1	\$ 6,432
2	BOSS-ADMIN	Back Office System Software for system administration, data analysis and data storage. Provides data mining and reporting, basic mapping functionality, remote alerting, and networking in support of inter-agency data sharing. Sold as concurrent user licenses; smart clients may be installed on an unlimited number of PC's and licenses determine how many users may be logged in simultaneously. BOSS is provided with Microsoft SQL Express which has a 4 GB database size limit. PIPS Technology strongly recommends a full Microsoft SQL 2008 database license for any system with more than two mobile vehicles or fixed sites.	\$ 900	1	\$ 900
3	BOSS-MAP	Advanced mapping utilizing Bing Maps. Provides enhanced mapping functionality including satellite imagery, bird's eye and multiple view options.	\$ 954	1	\$ 954
4	SLATE-CLIP	Clip Mount for Trunk	\$ 374	1	\$ 374
5	SLATE-MAG	Magnet Mount with Safety Tether	\$ 373	1	\$ 373
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7	HC3724015	Fixed Camera Shield	\$ 93	1	\$ 93
8	X3821001	NEMA Single Camera Termination Box	\$ 860	1	\$ 860
9	PIPS-FIXEDBCKT	All-in-one Bracket Assembly for SpikeHD Camera. Includes all pieces needed to be mounted on a flat surface, vertical pole or	\$ 570	1	\$ 570
10	PIPS-SRVC-FLDNGR	Field Engineering Installation Support* and Commissioning services for cameras priced on a per day basis (Per day, Travel and living included).	\$ 1,800	3	\$ 5,400

Subtotal: \$ 25,931

Shipping: \$180

Total: \$ 26,111

Quote Prepared By: Matthew B. Brady

Introduction

Federal Signal is pleased to respond to the Request for Proposal for The Town of Wrightsville Beach, NC for a mobile and fixed Automatic License Plate Recognition (ALPR) System.

Federal Signal is focused on providing security and well-being to communities and workplaces around the world. Federal Signal has deployed similar ALPR solutions throughout the United States, Canada, Mexico and international locations over the past several years.

Federal Signal has taken the time to read and understand The Town of Wrightsville Beach's objectives and requirements and we will meet them. Federal Signal is also STRONGLY committed to meeting the schedule deadlines.

Included in this response is:

- Answers to the proposal technical questions (Project Overview)
- Project Schedule
- Pricing

Federal Signal offers a wide range of solutions and products for municipal governments, including first responder critical communications, transit organizations, nuclear facilities, utilities and interoperability systems, signaling and communications equipment, wireless video surveillance, Automatic License Plate Recognition and other video solutions.

The company is comprised of four major operating groups: Safety & Security Systems, Fire Rescue and Environmental Solutions, and Federal Signal Technology. The 2011 annual sales exceeded \$700 Million.

Federal Signal will deliver a solution to Wrightsville Beach that will be on time and within budget and ***will not exceed the price enclosed in this RFP submittal***. The system will also be open standards based and expandable to meet the future network wide deployment needs. Federal Signal has over 111 years of experience serving agencies around the world. Our goal is to put in a compliant system for Wrightsville Beach that promotes safety and well being to the residents of Wrightsville Beach and the visitors who visit the Town.

Federal Signal is a manufacturer of critical communications systems for public safety and emergency management, our primary products include Wireless Broadband, Wireless and Fixed Video Surveillance, License Plate Recognition, Video Analytics, Outdoor Warning Sirens, Command and Control software applications, Alert Notification via text and voice, Interoperability systems, remote terminal units/controllers for sirens and other devices, indoor central amplification systems for mass notification, and tone-alert radios.

Federal Signal offers complete turn-key solutions which often require integration to existing or supplied third-party equipment and software. In addition, we partners with third party suppliers to supply solutions uniquely adapted to meet the needs of Public Safety officials focused on



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Safety and Security Systems / Public Safety

integrating critical communications with public warning. Our technical support team, which operates 7x24 365 days a year, can provide project management and design and documentation support for both large and small projects.

Federal Signal ALPR has systems in place in a variety of applications including public safety, surveillance, access control, commercial vehicle enforcement and weigh station applications, open road tolling, travel time measurement, parking enforcement, and a number of others.

In the United States, the Federal Signal ALPR system has been adopted by law enforcement agencies, tolling authorities, universities, airports, national laboratories, state DOTs, municipalities, and private businesses. In addition to strong adoption of the technology in the U.S., Federal Signal has deployed ALPR systems throughout Europe, Asia, Africa, Australia, Mexico, South America and Canada. Federal Signal has over 30,000 ALPR cameras deployed throughout the world and have been in the ALPR business for over fifteen (15) years.

Federal Signal has provided a number of stand-alone solutions, and has also worked with a number of integrators to provide ALPR equipment that works in conjunction with radiological detection devices, thermal imaging cameras, RFID readers, and numerous other technologies. With Federal Signals' dedicated engineering team and complete design and manufacturing control, Federal Signal has the capability to be responsive to a wide range of customers' needs.

Federal Signal looks forward to the opportunity to provide a solution to Wrightsville Beach that meets your budgetary needs, the schedule requirements and serves the needs of town.

Sincerely,

Matthew B. Brady
Vice President, Business Development
708.534.4895 Office
630.209.2951 Wireless
mbrady@federalsignal.com

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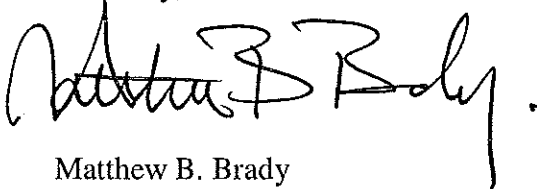
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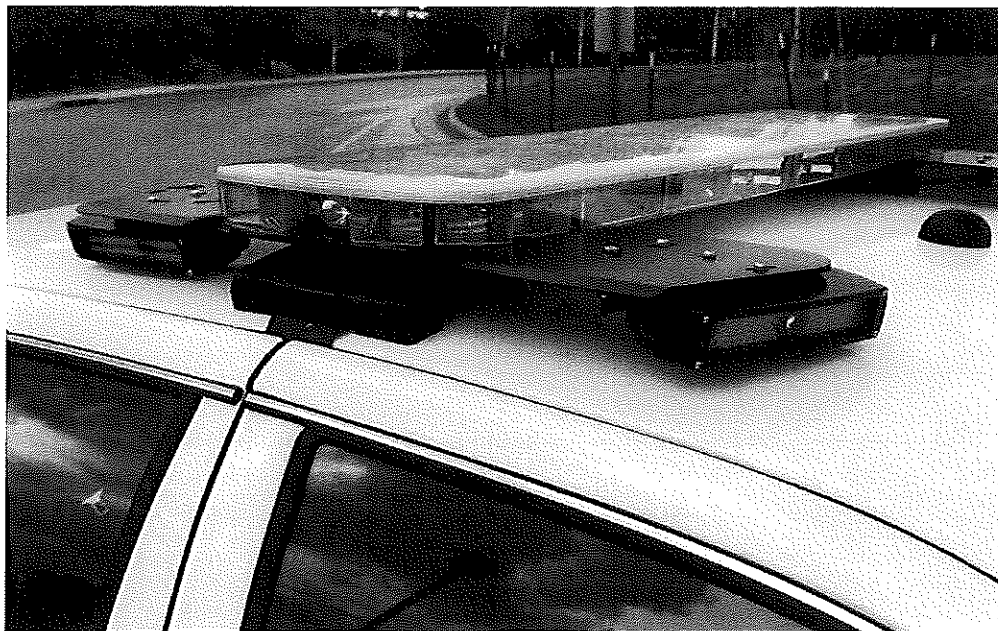
Matthew B. Brady
Vice President, Business Development
708.534.4895 Office
630.209.2951 Wireless
mbrady@federalsignal.com

Project Overview

A. Technical Equipment Specification

- 1. Proposed System Meets Requirements**
- 2. Proposed System Meets Requirements**
- 3. Proposed System Meets Requirements**
- 4. Proposed System Meets Requirements**
- 5. Proposed System Meets Requirements**
- 6. Proposed System Meets Requirements**
- 7. Proposed System Meets Requirements**
- 8. Proposed System Meets Requirements**
- 9. Proposed System Meets Requirements – The system can be configurable by the user to be powered off at different intervals**
- 10. Proposed System Meets Requirements**
- 11. Proposed System Exceeds Requirements**
- 12. Proposed System Meets Requirements**
- 13. Proposed System Exceeds Requirements**

14. **Proposed System Meets Requirements – However, we recommend that the system is mounted flush under the light bar which will look like an additional light. Potential violators will not notice there is a LPR camera on the vehicle. Federal Signal can also mount the solution on the trunk of the vehicle in a secure anti-theft manner. Most agencies mount the LPR cameras flush under the light bar.**



15. **Proposed System Meets Requirements**
16. **Proposed System Meets Requirements**
17. **Proposed System Meets Requirements**
18. **Proposed System Meets Requirements**

B User Interface Specifications

- 1. Proposed System Meets Requirements**
- 2. Proposed System Meets Requirements**
- 3. Proposed System Meets Requirements**
- 4. Proposed System Meets Requirements**
- 5. Proposed System Meets Requirements**
- 6. Proposed System Meets Requirements**
- 7. Proposed System Meets Requirements**
- 8. Proposed System Meets Requirements**
- 9. Proposed System Meets Requirements**
- 10. Proposed System Meets Requirements**
- 11. Proposed System Meets Requirements**
- 12. Proposed System Meets Requirements**
- 13. Proposed System Meets Requirements**
- 14. Proposed System Meets Requirements**
- 15. Proposed System Meets Requirements**
- 16. Proposed System Meets Requirements**
- 17. Proposed System Meets Requirements**
- 18. Proposed System Meets Requirements**
- 19. Proposed System Meets Requirements**
- 20. Proposed System Meets Requirements**

21. **Proposed System Meets Requirements – Federal Signal has licenses with Microsoft for use of the SQL database and BING mapping software. We have audited financials that show we have paid the licensing fee.**
22. **Proposed System Meets Requirements – The mapping system will be part of the system purchase cost and NOT tied to data usage.**
23. **Agreed**
24. **Agreed**
25. **Proposed System Meets Requirements**
26. **Proposed System Meets Requirements**
27. **Proposed System Meets Requirements**
28. **Proposed System Meets Requirements**
29. **Proposed System Meets Requirements**
30. **Proposed System Meets Requirements**
31. **Proposed System Meets Requirements**
32. **Proposed System Meets Requirements**
33. **Proposed System Meets Requirements**
34. **Proposed System Meets Requirements**
35. **Proposed System Meets Requirements**
36. **Proposed System Meets Requirements**
37. **Proposed System Meets Requirements**

38. Proposed System Meets Requirements

C. Server Specifications

- 1. Proposed System Meets Requirements**
- 2. Proposed System Meets Requirements**
- 3. Proposed System Meets Requirements**
- 4. Proposed System Meets Requirements**
- 5. Proposed System Meets Requirements**
- 6. Proposed System Meets Requirements – Federal Signal is
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- 7. Proposed System Meets Requirements**
- 8. Proposed System Meets Requirements**
- 9. Proposed System Meets Requirements**
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- 11. Proposed System Meets Requirements**
- 12. Proposed System Meets Requirements**
- 13. Proposed System Meets Requirements**
- 14. Proposed System Meets Requirements**
- 15. Proposed System Meets Requirements**
- 16. Proposed System Meets Requirements**
- 17. Proposed System Meets Requirements**

D. Company Performance

- 1. Federal Signal has over 30,000 cameras deployed and has been in business since 1901. WE are traded on the NYSE under the symbol FSS and have been world leader in license plate recognition for over ten years.**
- 2. Product is manufactured in Knoxville, TN, United States of America.**
- 3. References Provided Below and we can provide additional references if necessary:**

**Heather Whitton, Radcliff Operations Center
2000 Radcliff Drive**

Cincinnati, OH 45204-1852

Office: 513.263.8134

Cell: 513.520.8391

Heather.whitton@cincinnati-oh.gov

Kevin Shaughnessy, Chief of Police

Lemont, IL 60439

kshaughnessy@lemont.il.us

Office: 630.257.2229

Cell: 630.774.3165

- 4. Federal Signal has 24/7 technical support and has Technical Support within 125 miles of the Town of Wrightsville Beach, NC.**

Scope of Services

Phase I – Study Planning and Design

- A. Federal Signal will provide live demo**
- B. Agreed**
- C. Agreed**
- D. Federal Signal has deployments at five Beach/coastal deployments with influx of traffic based on the time of year/weather.**

Phase II – Research and Data Gathering

- A. Agreed**
- B. Agreed**
- C. Agreed**
- D. Agreed**
- E. Agreed – Federal Signal could also offer to put point to point wireless link pair in place, help with the FIOS, or work with to get the lowest cost, most effective solution for the Town of Wrightsville Beach, NC.**

Phase III – Project Installation and Implementation

A. Agreed

B. Agreed

C. Agreed

D. Agreed

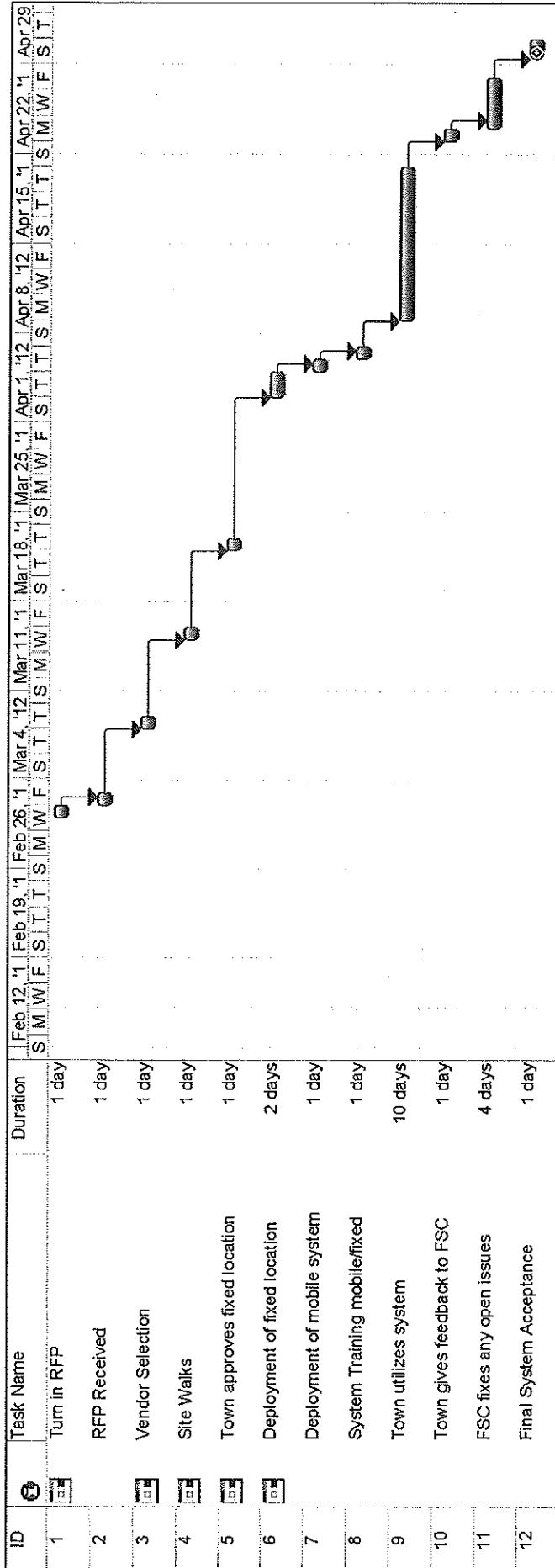
Proposal Submission

A. Agreed

B. Agreed

C. Agreed

D. Agreed



Task		Milestone		External Tasks	
Split		Summary		External Milestone	
Progress		Project Summary		Deadline	

Project: Project1.mpp
Date: Wed 2/15/12



FEDERAL SIGNAL
Safety and Security Systems

Customer Quotation

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mbrady@federalsignal.com

Customer: Town of Wrightsville Beach

Date: 2/14/12

Attention: Robert Simpson, Town Manager

Address: 321 Causeway Drive PO Box 626

City: Wrightsville Beach

ST NC

ZIP 28480

Project Description: (1) Fixed and (1) SLATE LPR System with installation, optimization and training

Quote Number 02142012 - Wrightsville Beach

Item #	Part #	Description	Unit Price	Quantity	Total Price
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Subtotal:					\$ 25,931
Shipping:					\$ 180
Total:					\$ 26,111

Quote Prepared By: Matthew B. Brady

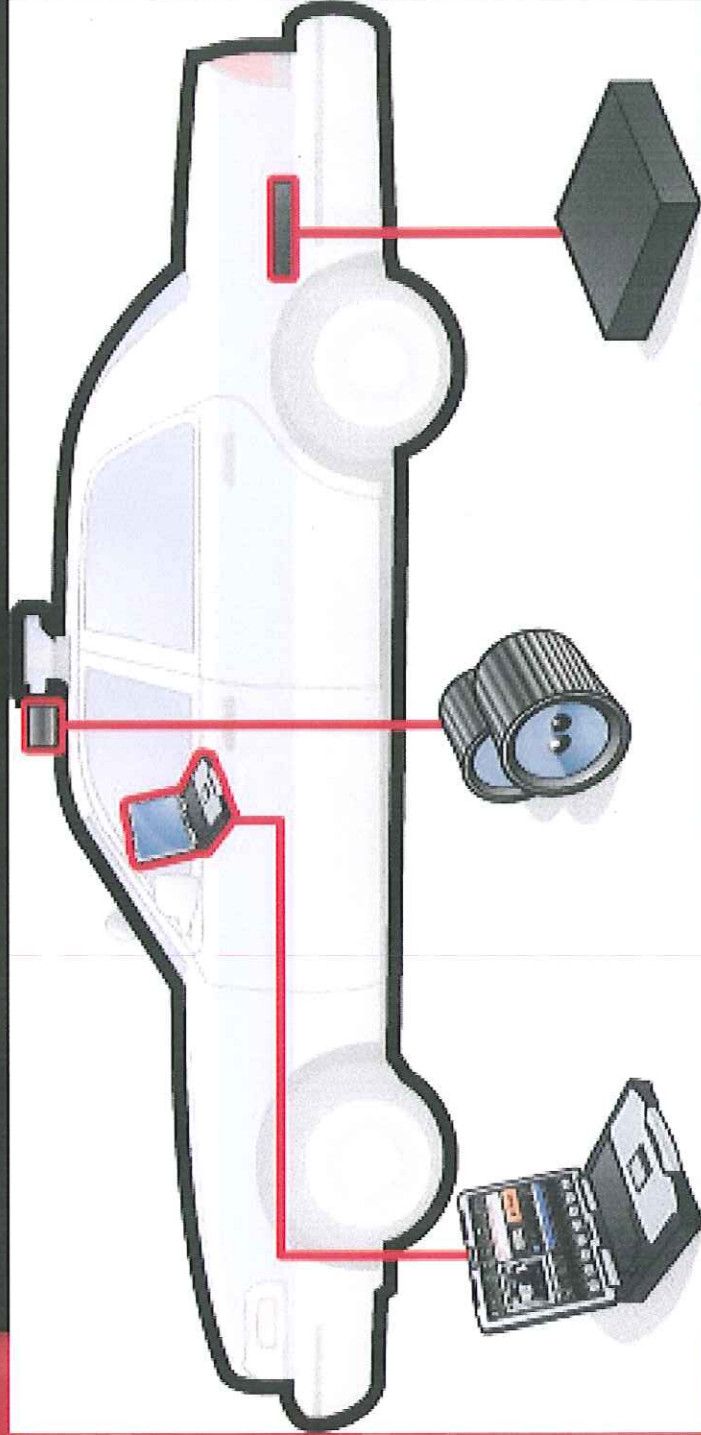
Welcome

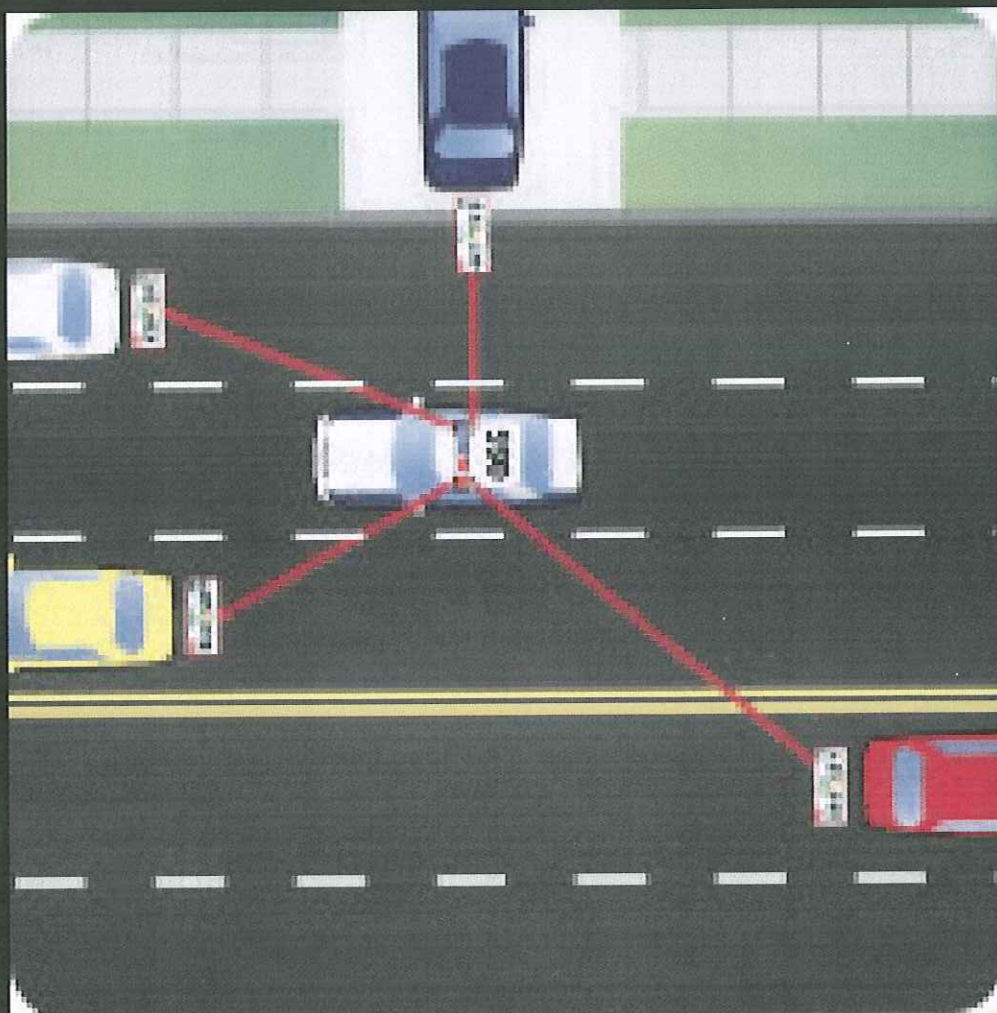
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ALPR Overview

- Automated License Plate Recognition





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- Static /Fixed Solutions
- Mobile Solutions
- Covert
- Portable



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Mobile ALPR



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Static / Fixed ALPR



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Covert ALPR



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Rapid Deployment System



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An ALERT

Veriplate | Update

ALERT

1 OF 1



X06 QVZ

Plate Detail

Date: 10/10/2006 8:49:00 AM

Hotlists Checked: FCIC, Local Intel, Test

Hotlist:

FCIC

Status:

Stolen License Plate

Plate:

X06QVZ

State:

FL

Reported On: 03/25/2005

Incident Date: 03/25/2005

NCIC #: P602497246

Reported By: Miami-Dade County Police Department



EDIT
PLATE

ACKNOWLEDGE
ALERT

LIVE
CHECK



veriplat

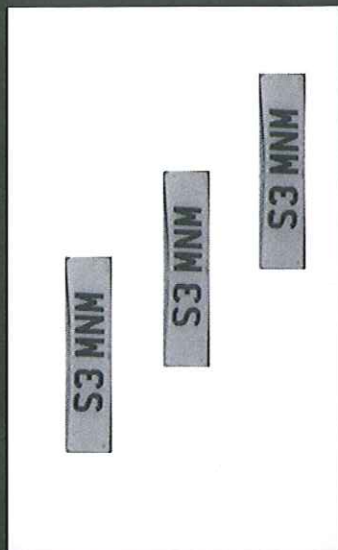
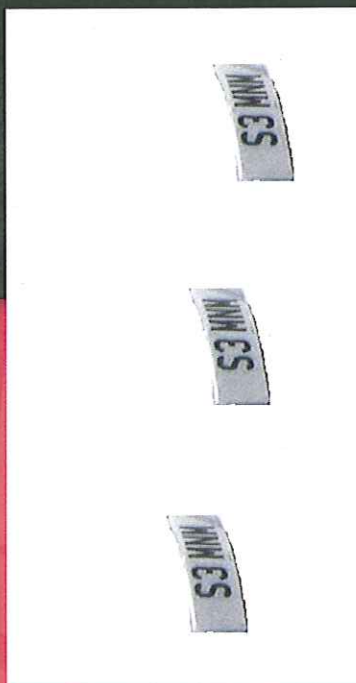
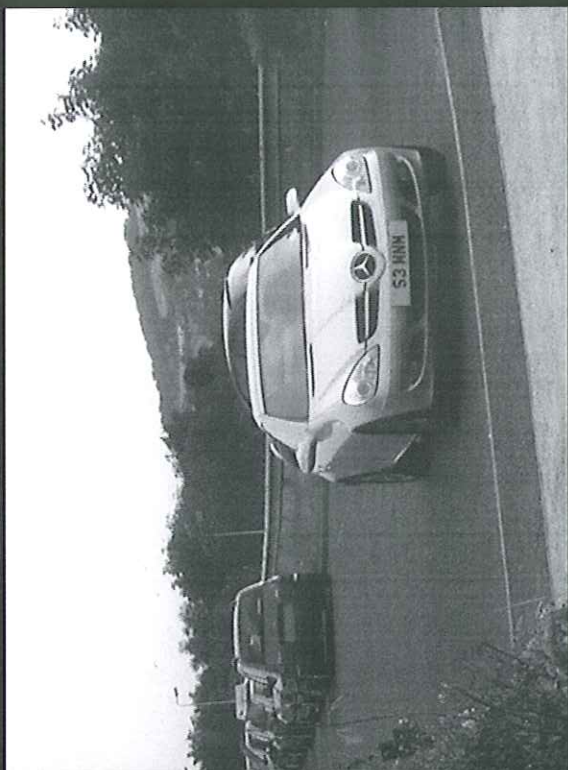
License Plates

- Different states
- Different fonts
- Different colors
- Different graphics
- Same numbers – different states
- Tow hitches
- Worn, scratches and dents
- Plastic covers



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“Driving with a Purpose”



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AZT 0025

AZT0025



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ESZ 046

ESZ046



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R67 338

R67 338



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JJOK



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XY-2108

XY2108



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Bulk Hotlists

- NATIONAL
 - NCIC - FBI's National Crime Information Center
- STATE
 - FCIC – Florida Crime Information Center
- Suspended license plates*
- Uninsured vehicles*
- Parking violations

* In some states



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Local Hotlists

- Local hotlists can also be loaded
 - These can be done agency wide via the BOF
 - Or, in a single ALPR vehicle

- Typical local lists

- Gangs:
 - Separate list for each gang
- Sexual predators
- Drug dealers
- Scumbag list
- Probation / parole
- Warrants
- Trespass warnings
- Detectives list
 - Interviews wanted – Case # and Cell #



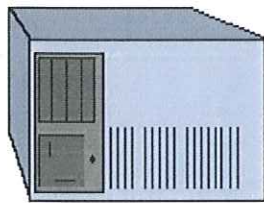
veriplate

Live Check

- Makes ALPR 10x more effective
- Also 10x safer
- Instant access to live data from:
 - DMV / DAVID
 - Your existing CAD system

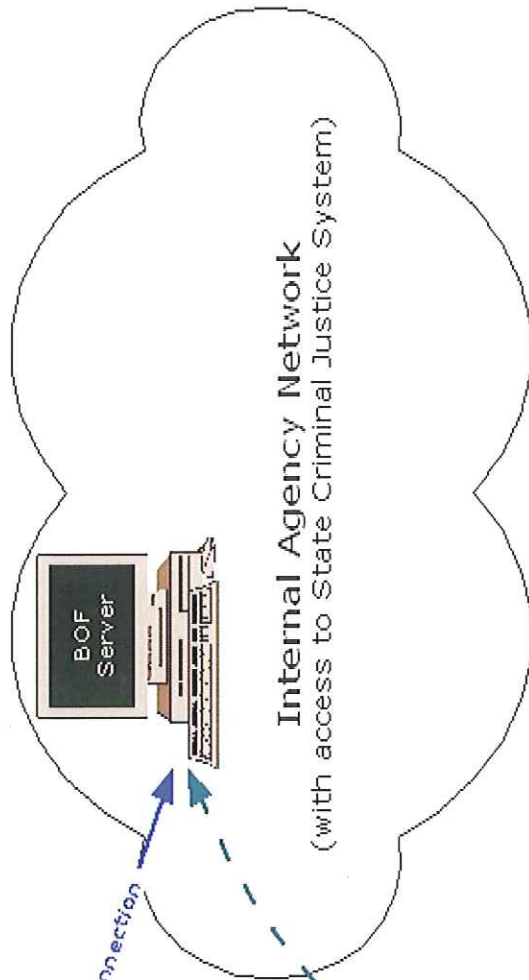


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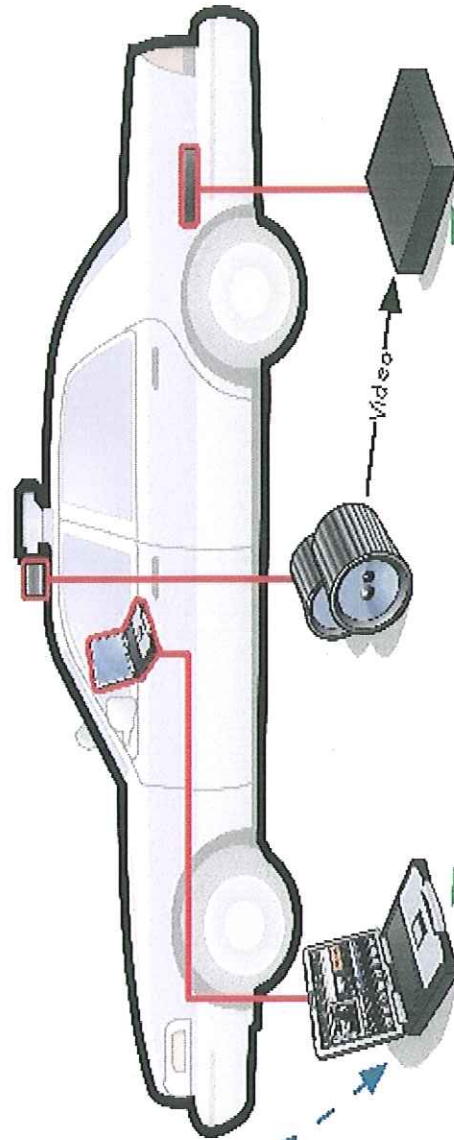


FTP Server for downloading NCIC and State stolen vehicle extracts.

Back Office Server (BOF) maintains all Hotlists, provides communications to VeriPlate mobile systems, and stores all captured data for later use.



Wireless connection to VeriPlate BOF Server via existing infrastructure to download current Hotlists and upload captured data.



VeriPlate Client software runs on existing laptop.

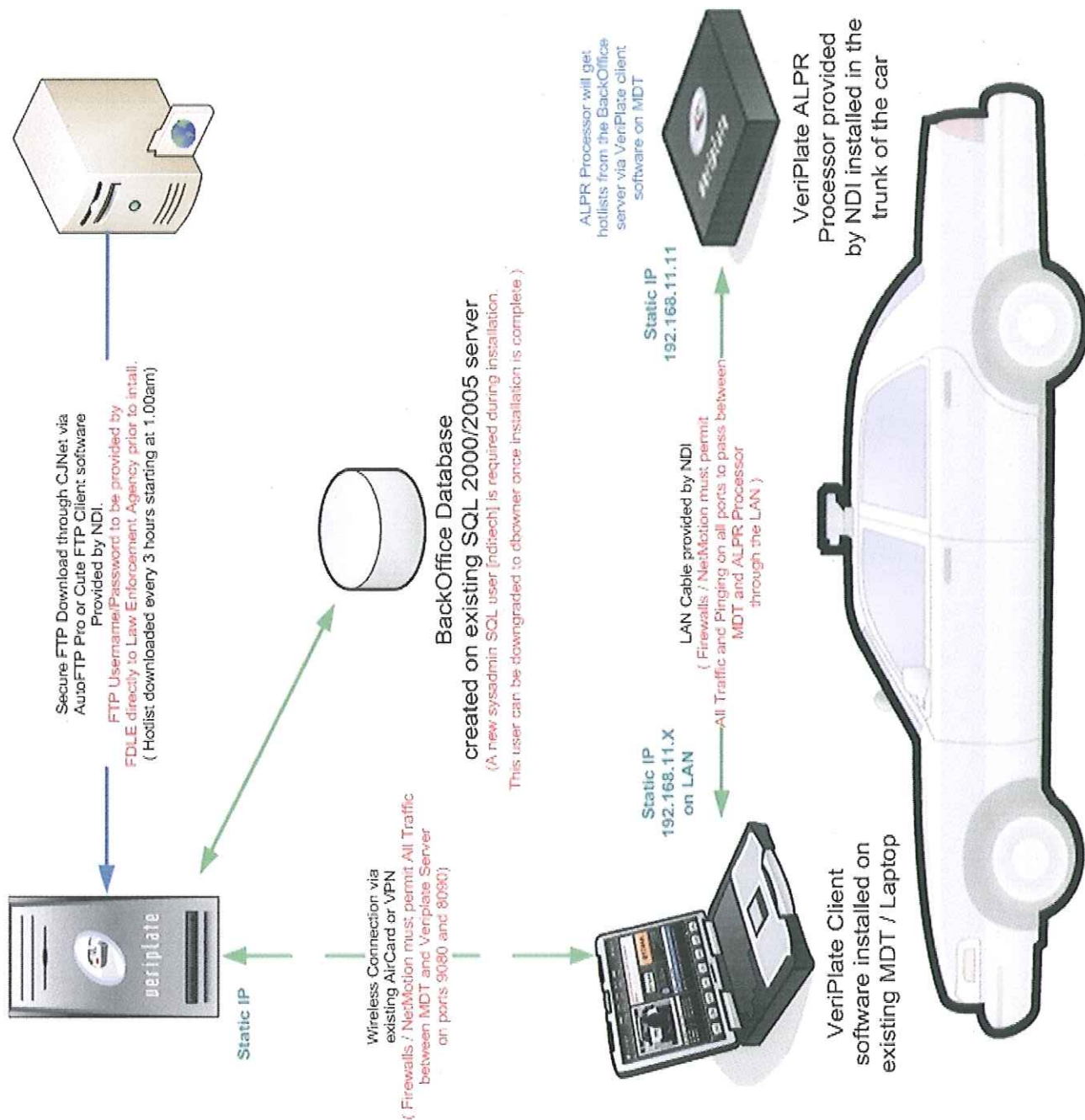
Cameras connected to trunk-mounted ALPR Processor.



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ALPR Solutions

VeriPlate BackOffice server software
installed on existing server

FDLE FTP Site on CJNet that hosts the
FCIC and NCIC hotlist extracts



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VISCE[®] POWERED BY **ndis**

Status

Search

Search Parameters

New Search

Saved Searches

New Search

New Search

By Tag:

Tag:

Search CIVILIS ☐

By Location:

By Date/Time:

By Alert:

Options

By Vehicle:

By System:

Save

Clear

Search



veriplat

► By Tag:

▼ By Vehicle:

Make:

[ANY]

Model:

[ANY]

Color:

[ANY]

Notes Text:

► By System:

► By Location:

► By Date/Time:

► By Alert:

► Options

Search

Clear

Save



veriplat

► By Tag:

► By Vehicle:

► By System:

▼ By Location:

Address:

City:

State:

Zip Code:

Find Address Matches

Clear

Possible Address Matches:

Radius (in miles):

► By Date/Time:

► By Alert:

► Options

Search

Clear

Save

► By Tag:

► By Vehicle:

► By System:

► By Location:

▼ By Date/Time:

From Date:

From Time:

To Date:

To Time:

► By Alert:

► Options

Save Clear Search



veriplat

► By Tag:

► By Vehicle:

► By System:

► By Location:

▼ By Date/Time:

From Date:

From Time:

 (A/PM)

To Date:

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Save

Clear

Search



veriplatē

► By Tag:

► By Vehicle:

► By System:

► By Location:

► By Date/Time:

▼ By Alert:

Alert Hotlist:

[all hotlists]

Alert Type:

[all alert types]

Alert Text:

► Options

Search

Clear

Save



veriplatē

► By Tag:

► By Vehicle:

► By System:

► By Location:

► By Date/Time:

▼ By Alert:

Alert Hotlist:

- [all hotlists]
- [all hotlists]
- [empty]
- AQ TEST
- Citrus County SO
- DAN'S List
- Default
- Expired Tags
- Expired1
- Expired2
- FCIC
- Gang Name
- GDR-Suspended1
- GDR-Suspended2
- GDR-Uninsured
- Hotlist
- Hotlist1
- InCar
- Know Gang Assoc.
- LOCAL
- LOCAL HOTLIST
- Local Intel
- Local test
- Loop Analysis
- Manual
- MGTEST
- NCIC
- NDI
- NMBPD Partial
- OPD Hot Sheet
- OPD-3122008

Contact



veriplat

► By Tag:

► By Vehicle:

► By System:

► By Location:

► By Date/Time:

▼ By Alert:

Alert Hotlist:

[all hotlists]

Alert Type:

[all alert types]

[all alert types]

Stolen Vehicle

Stolen Plate

Warrant

Gang/Terrorist

Sex Offender

Supervised Release

Protection Order

Missing Person

Canadian Plate

Search

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Alert	Tag	Date	Time	Direction	Lane	Confidence	System	Organization
9	LZ331	5/29/2010	20:38:56	Parking Right	3	88%	DemoVehicle	NDITech
10	LZ331	5/28/2010	23:03:35	Parking Right	3	90%	DemoVehicle	NDITech
11	LZZ203	5/28/2010	22:46:25	Front Right	2	98%	DemoVehicle	NDITech
12	LZP346	5/22/2010	00:02:11	Front Left	Lane 2		VPLaptop-WSPD	NDIRS
13	LZ331	5/21/2010	10:14:41	Rear Left	0	90%	DemoVehicle	NDITech
14	LZ331	5/18/2010	11:52:57	Rear Left	0	93%	DemoVehicle	NDITech
15	LZ331	5/14/2010	14:40:58	Rear Left	0	90%	DemoVehicle	NDITech
16	LZ331	5/13/2010	20:52:44	Front Right	2	87%	DemoVehicle	NDITech
17	LZ58Q	5/6/2010	18:02:34	Front Right	2	90%	DemoVehicle	NDITech



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Tag	Date	Time	Direction	Lane	Confidence	System	Organization
LZ1156	6/7/2010	18:57:26	Front Right	2	98%	DemoVehicle	NDITech
LZ331	6/2/2010	19:34:40	Parking Right	3	87%	DemoVehicle	NDITech
LZK72B	6/2/2010	08:18:47	Front Right	2	96%	DemoVehicle	NDITech
LZ331	6/1/2010	10:04:33	Front Right	2	95%	DemoVehicle	NDITech
LZ331	5/29/2010	20:38:56	Parking Right	3	88%	DemoVehicle	NDITech
LZ331	5/28/2010	23:03:35	Parking Right	3	90%	DemoVehicle	NDITech
LZZ203	5/28/2010	22:46:25	Front Right	2	98%	DemoVehicle	NDITech
LZP345	5/22/2010	00:02:11	Front Left	Lane 2		VPLaptop-WSPD	NDRS
LZ331	5/21/2010	10:14:41	Rear Left	0	90%	DemoVehicle	NDITech

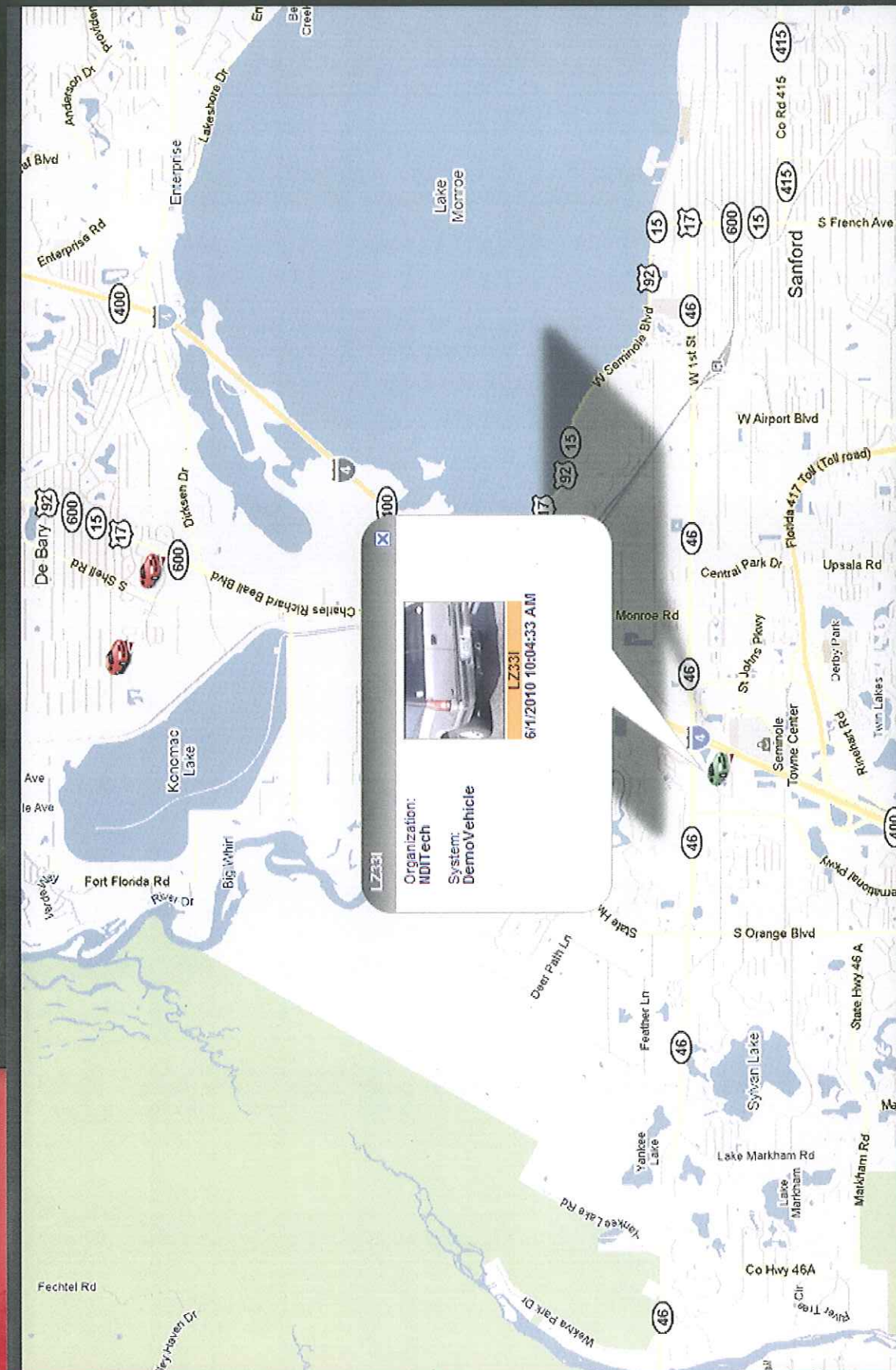
LZ331

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Alert	Tag
1	LZ331
2	LZ1156
3	LZ1156
4	LZ1156
5	LZ1156
6	LZ331
7	LZ1728
8	LZ331
9	LZ331

Tag:

☐ Search CMIS

Address:

 City: gainesville

 State: [ANY]

 Zip Code:

 Possible Address Matches:

Gainesville, FL, USA

 Radius (in miles): 10



Alert	Tag
10	BUE4
11	ABD8
12	2897
13	AS01
14	H428
15	BKGT
16	9974
17	F832
18	9974

☒ By Tag:
 Tag:
☐ Search CNIS

☒ By Location:
 Address:
 City:
 State:
 Zip Code:

Possible Address Matches:

Radius (in miles):

Loading...

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Alert	Tag	Date	Time	Direction	Lane	Confidence	System	Organization	
1	ABD9680	5/26/2010	21:09:24	Front Left	1	97%	DemoVehicle	NDITech	
2	ABBSUW	2/9/2010	19:15:25	Front Left	1	88%	DemoVehicle	NDITech	
3	AB635I	8/2/2009	20:17:18	Front Right	2	98%	DemoVehicle	NDITech	
4	ABP3343	4/30/2009	15:16:49	Front Right	2	96%	DemoVehicle	NDITech	
5	ABBBRB	4/30/2009	15:09:31	Parking Right	0	80%	DemoVehicle	NDITech	

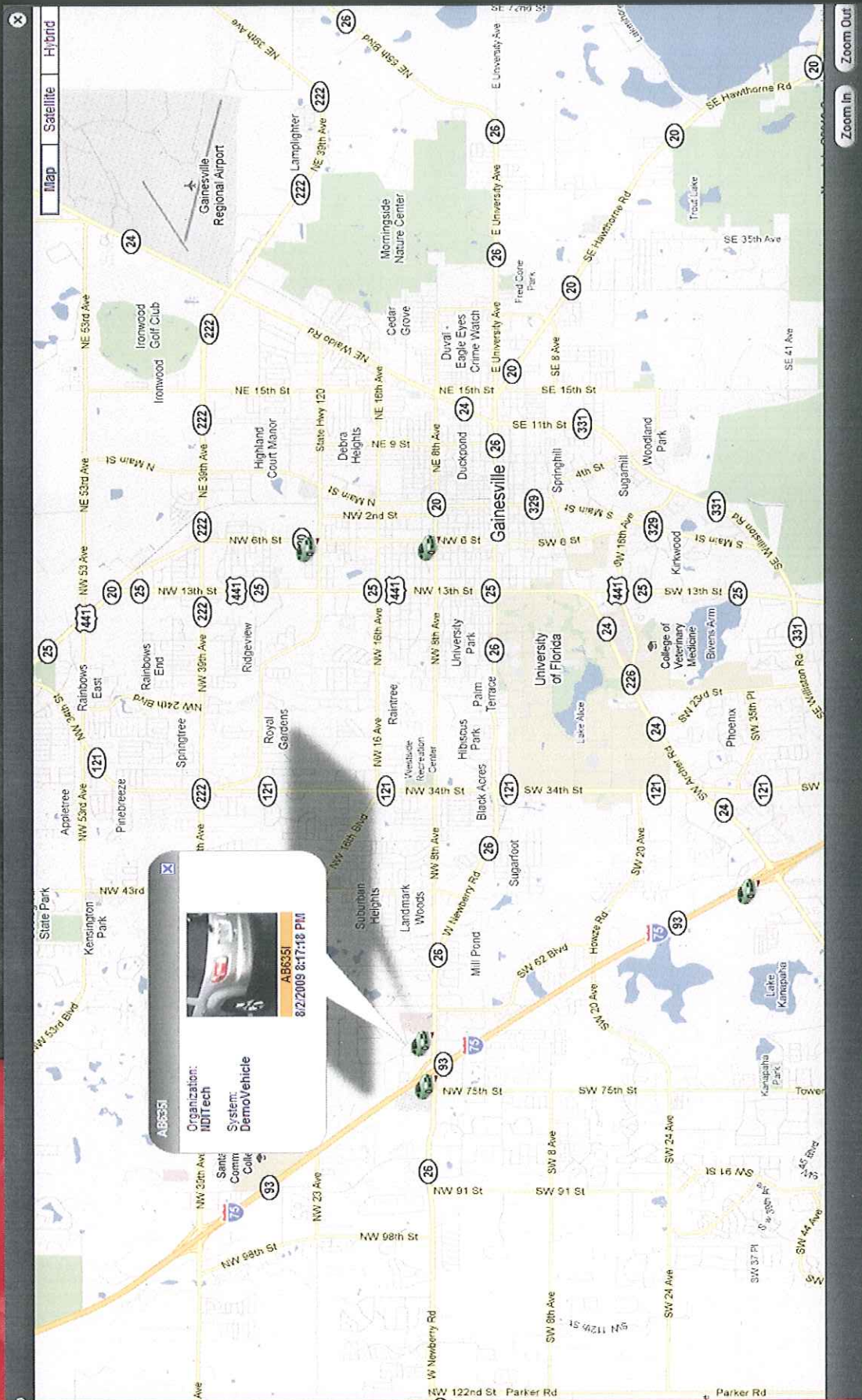


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Alert	Tag	Date	Time	Direction	Lane	Confidence	System	Organization	
1	ABD9680	5/28/2010	21:09:24	Front Left	1	97%	DemoVehicle	NDITech	
2	ABBSUW	2/9/2010	19:15:25	Front Left	1	88%	DemoVehicle	NDITech	
3	AB635I	8/2/2009	20:17:18	Front Right	2	98%	DemoVehicle	NDITech	
4	ABP3343	4/30/2009	15:16:49	Front Right	2	96%	DemoVehicle	NDITech	
5	AB5BRB	4/30/2009	15:09:31	Parking Right	0	80%	DemoVehicle	NDITech	



ABP 3343



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Hotlists		Vehicles in this Hotlist					Clients	
		Tag	Make	Model	Color	Year	Date Created	Notes
● NCIC (Read Only)		1 0001KB					5/10/2010 3:47:50 PM	Suspended DL
● FCIC (Read Only)		2 000237WT					5/10/2010 4:13:09 PM	Suspended DL
● Default		3 0003D					5/10/2010 3:44:25 PM	Suspended DL
● Expired Tags		4 0003EC					5/10/2010 3:58:00 PM	Suspended DL
● Gang Name		5 00041N					5/10/2010 4:15:20 PM	Suspended DL
● Known Gang Assoc.		6 00057P					5/10/2010 3:42:09 PM	Suspended DL
● Sanctioned Drivers		7 00060WT					5/10/2010 3:55:44 PM	Suspended DL
● Sexual Predators		8 00075Q					5/10/2010 4:11:04 PM	Suspended DL
● Stolen Vehicles (Covert)		9 00085K					5/10/2010 4:05:24 PM	Suspended DL
● Suspended DL		10 0009KU					5/10/2010 4:08:17 PM	Suspended DL
● Vehicle Burglary Suspects		11 00101I					5/10/2010 3:52:50 PM	Suspended DL
		12 001066WT					5/10/2010 4:00:02 PM	Suspended DL
		13 0010HG					5/10/2010 4:01:00 PM	Suspended DL
		14 0011KM					5/10/2010 3:57:10 PM	Suspended DL
		15 00133K					5/10/2010 4:00:08 PM	Suspended DL
		16 0013EE					5/10/2010 4:11:55 PM	Suspended DL
		17 0013HR					5/10/2010 3:59:58 PM	Suspended DL

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Search Hotlist

[Add Vehicle](#) | [Edit Vehicle](#) | [Delete Vehicle\(s\)](#)



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Select a report:

- Hits(Alert) Report
- Hits(Alert) Report**
- Reads Report
- Exhibit Report (tag)
- Exhibit Report (alert type)
- Summary Report
- User Sessions Report
- Audit Changes Report
- Sales Exhibit Report
- Hourly Asset Report
- Daily Asset Report
- Weekly Asset Report
- Monthly Asset Report

Go



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Main Report

☒ Apply | ☐ Delete
 Tag: LZ33I
 Start Date/Time: 1/1/2010 11:05:11
 End Date/Time: 6/24/2010 11:05:11
 Organization: All
 System: All



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Select a report:

Hits(Alert) Report

Go

This report will show all hits (alerts) within a specified period of time.

 Parameters  Group Tree  1 / 1  100% 

Main Report

 Apply  Delete

Hit Type:

All

Start Date/Time:

6/1/2010 11:22:22

End Date/Time:

6/24/2010 11:22:22

Organization:

All

System:

Demo/Vehicle

Hitlist:

All

ndiRS Hits Report

NDI RECOGNITION SYSTEMS

Start Date/Time: 6/1/2010 11:22:22AM

End Date/Time: 6/24/2010 11:22:22AM

Hit Type: All

Total Hits: 88

Tag	Date/Time	Hitlist	System	Camera	Message
781HH	6/1/2010 5:56:55PM	Suspended DL	Demo/Vehicle	Front Right IR	Date Entered: 5/11/2010; Notes/Details: Suspended DL
781HH	6/1/2010 5:56:55PM	Suspended Vehicles	Demo/Vehicle	Front Right IR	Date Entered: 4/1/2010; Notes/Details: VOLUSIA
781HH	6/1/2010 5:57:08PM	Suspended DL	Demo/Vehicle	Front Right IR	Date Entered: 5/11/2010; Notes/Details: Suspended DL
781HH	6/1/2010 5:57:08PM	Suspended Vehicles	Demo/Vehicle	Front Right IR	Date Entered: 4/1/2010; Notes/Details: VOLUSIA
F987M C	6/1/2010 5:59:34PM	NCIC	Demo/Vehicle	Front Left IR	Orig Agency #: A20072900, NCIC #: P154295339, Date of Incident: 02/16/2010, Tag State: AZ
F987M C	6/1/2010 6:00:34PM	NCIC	Demo/Vehicle	Front Left IR	Orig Agency #: A20072900, NCIC #: P154295339, Date of Incident: 02/16/2010, Tag State: AZ
L141UD	6/1/2010 6:25:27PM	Suspended Vehicles	Demo/Vehicle	Front Left IR	Date Entered: 4/1/2010; Notes/Details: ORANGE
ALAJ	6/2/2010 11:50:23AM	Suspended DL	Demo/Vehicle	Front Left IR	Date Entered: 5/11/2010; Notes/Details: Suspended DL

Contact  ndi-rs.com

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Done

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