

# Track Star Dealer's News

## Track Star International, Inc.

Location & Communications Technology Innovation



### In this issue...

- President's Message
- Smart Antenna—NEW PRODUCT
- NSA Conference
- AVLS Version 5 Released
- AVLS Web Version
- Track Star Google Earth Server
- Shows and Events

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### Inside this issue:

President's Message	1
Smart Antenna	1
NSA Conference	1
AVLS Version 5 Released	2
Track Star AVLS Web Version	3
Track Star Google Earth Server	4
Shows and Events	4

### Quick Notes...

Version 5 AVLS w/ geofencing available now  
 August 15, 2006 price list is in effect!

## President's Message

This issue of the Dealer's News contains an exciting array of developments on the product front.

Since the last issue, the release of AVLS (Version 5) has taken place and the initial reception has been quite favorable.

Also of note are the articles you will find in this issue about our new Smart Antenna and our work on a Web based derivative of our new AVLS product.

There is some information from our recent exhibit at the National Sheriff's Association Convention as well as some information on the shows and events that we will be visiting in the near future.

Our product line continues to grow so watch for future editions!

Michael Hughes—President

## Track Star Smart Antenna

In response to a number of requests from both the dealer community and from end users, Track Star is pleased to announce the immediate availability of a new product that we are calling Smart Antenna.

This product is intended to allow wirelessly enable notebook computers installed in vehicles to become AVL platforms easily and inexpensively.

The core of the new product is a software application that has been developed at Track Star. This software, which runs automatically on the notebook computer as a service, receives NMEA GPS data via either the USB or serial port of the computer. It then assembles the data into an AVL packet recognized by the Track Star AVLS software and transmits the packet to the Track Star Gateway software using the existing wireless connectivity in the notebook computer.

The software package comes with a GPS port sharing application that allows the NMEA data to be shared by the Smart Antenna service and other applications on the computer that utilize positional data.

Track Star offers this product as a software only package for use with nearly all available GPS receiver / antenna devices or as a complete kit containing a USB GPS receiver / antenna and the software products.

This is a cost effective way to add AVL capability to fleets!



Smart Antenna USB device

## NSA 2006 Conference—Orlando, FL

Track Star recently participated in the National Sheriff's Association Conference in Orlando! Many thanks to Armen from AirLink who worked in the booth with us!

The Conference was well attended with representatives from the majority of Sheriff's departments around the United States.

This event proved to be the perfect venue for the actual end users to see, touch and feel the combined Track Star / AirLink solution. A number of visitors to the booth spent considerable time exploring the powerful features offered by the combination of the Pin-Point modem and the Track Star AVLS software package.

A particular benefit of participation in this event was the acquisition of contact lists for both the attendees as well as for Sheriff's offices around the country. Dealers interested in these lists, in electronic form, need only contact us for a copy.

## AVLS Version 5.0 Released

Since the publication of our last newsletter, AVLS Version 5.0 has been formally released and has been delivered to some existing, as well as new, customers.

AVLS 5.0 has an entirely new look and feel as a result of an entirely new map engine, a new graphic user interface (GUI), and an overall streamlined design philosophy.

AVLS makes use of a feature rich mapping database that enables a more pleasing appearance for the application. The underlying data allows the

application to perform many new features such as real time speed violation notifications and address level vehicle position determination.

The new GUI has been simplified, significantly reducing the learning curve associated with implementing the system. Enhancements to the programming environment in which the application was authored give the product a cutting edge look and feel.

Information relative to vehicle operation and activities is now easily accessed and displayed

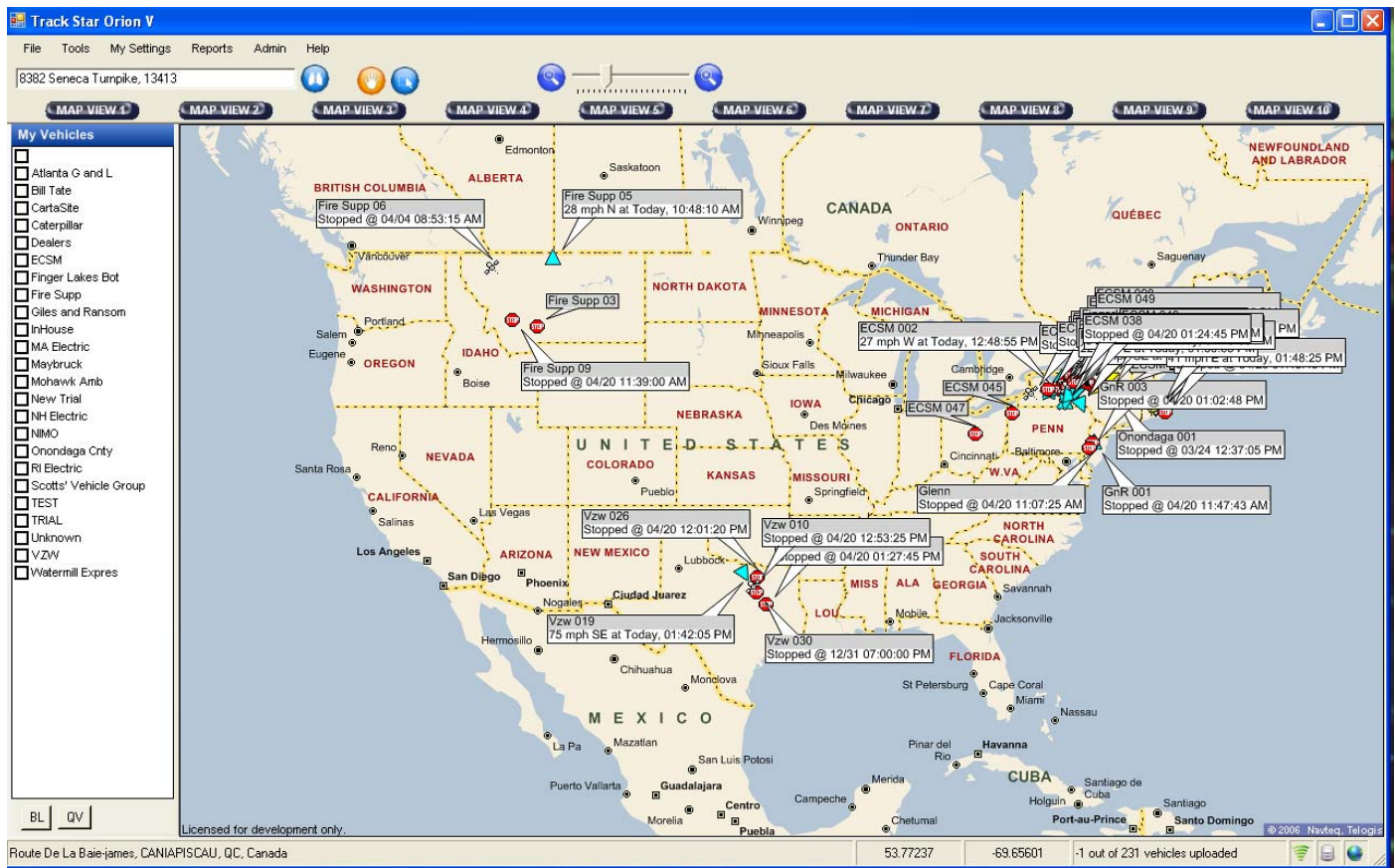
in both the on-screen map display as well as in the reports. User interaction has been reduced, by design, to the minimum number of actions.

This new product also contains an in-line automatic update feature that can be configured to check for available application program enhancements and updates. This feature will acquire and install updates as they become available and do away with the need to email or mail updates to end users.

Another important feature in the AVLS program is a com-

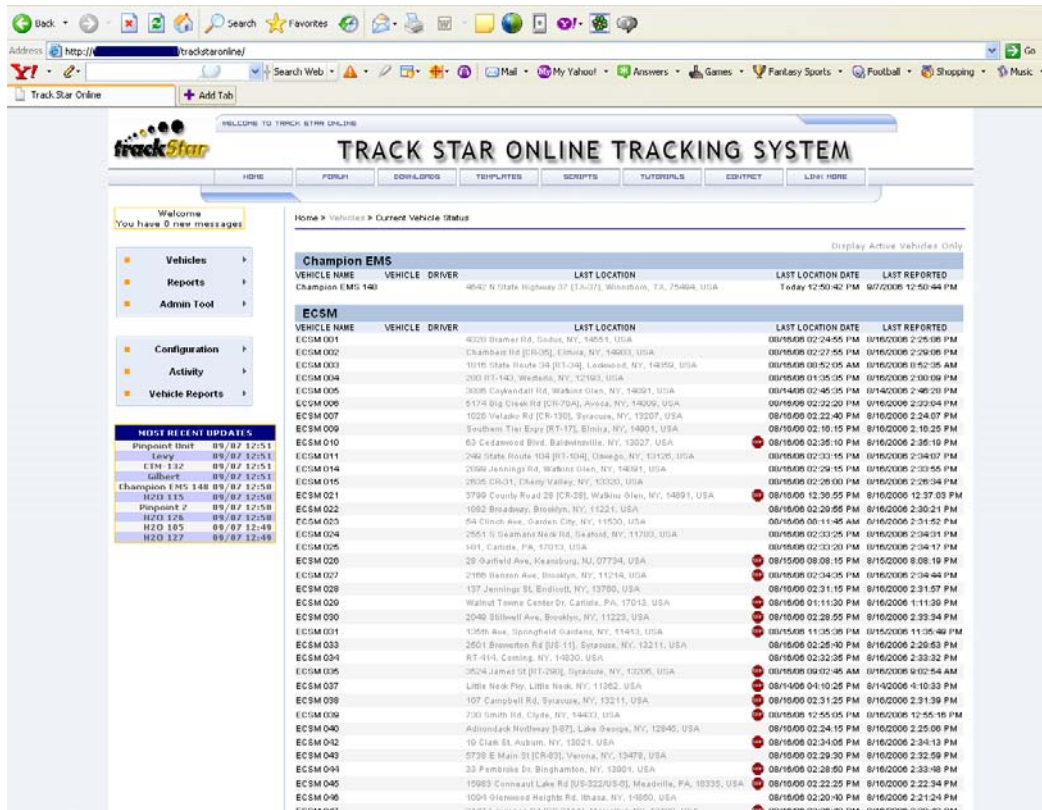
pletely user configurable access control for users. Custom definitions of access rights allow the administrator to determine the individual functions and features that each access level can utilize.

AVLS 5.0 adds a number of new devices that are supported in the software as well. This growing list now supports the Track Star Orion unit, the Air-Link PinPoint family of devices, the Smart Antenna and products from Blue Tree Wireless and Cypress Solutions.



The screen shot above shows the dramatic new appearance of the AVLS 5.0 software product. From this view, the simplified user interface is evident as is the improved appearance of the map display. Of note is the fact that vehicle in motion and in compliance with posted speed limits are displayed as blue / green triangles. Speeding vehicles are displayed as red triangles, making detection of speed limit quick and easy. Map data in AVLS 5.0 is updated quarterly assuring up to date information is available at all times.

# Track Star AVLS Web Version



sale to customers as a server application that can be deployed entirely within the organizations network boundaries. We will also be hosting this same server for customers who would rather not do so themselves.

As the product nears release, more detailed technical information and pricing details will be made available to the dealer community.

This application will provide graphic mapping as well as tabular data, as illustrated in some of the screen shots that follow.

This exciting new product will add significantly to the range of options offered to customers!

Previews of the existing beta

Traditionally, Track Star has offered client / server software products to the AVL industry. All of that is about to change as we are putting some final touches on a new product offering that will combine the features of Track Star AVLS with the convenience of a web based system.

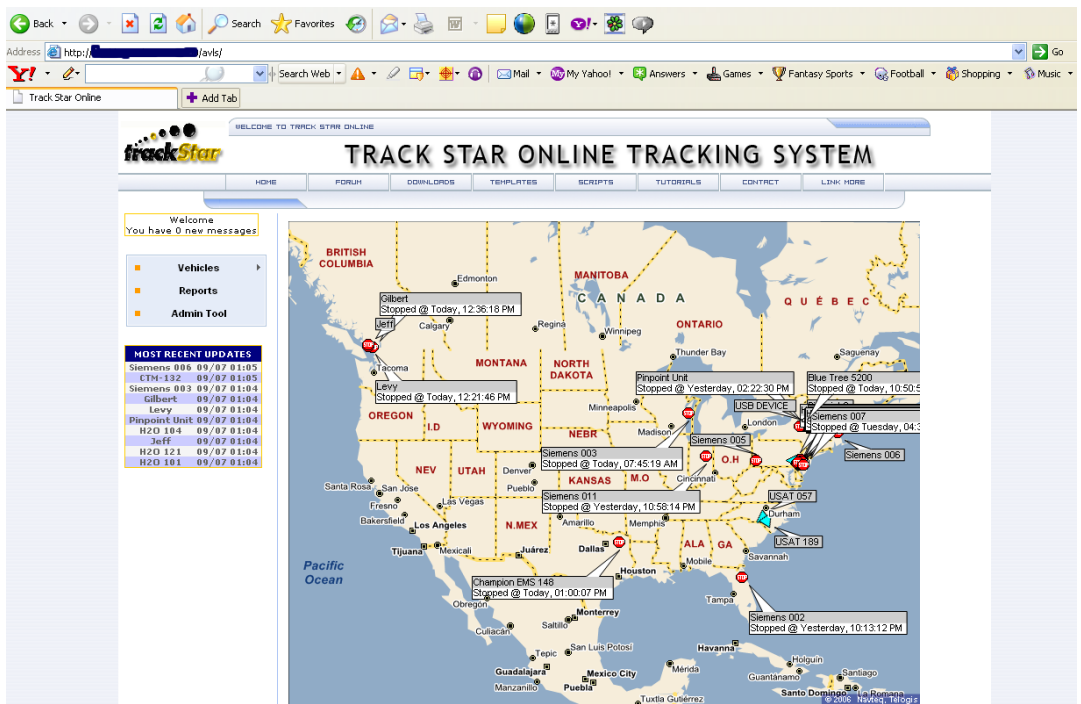
There has been increasing interest from current and prospective customers alike in a system that offers the capabilities present in the AVLS system that is accessible from a web browser such as Microsoft's Internet Explorer.

In response, we have developed a server application that can provide this combination. Written to support Internet Explorer 7, the system provides access to the full range of AVL functions from any computer

equipped with a compatible web browser and an internet

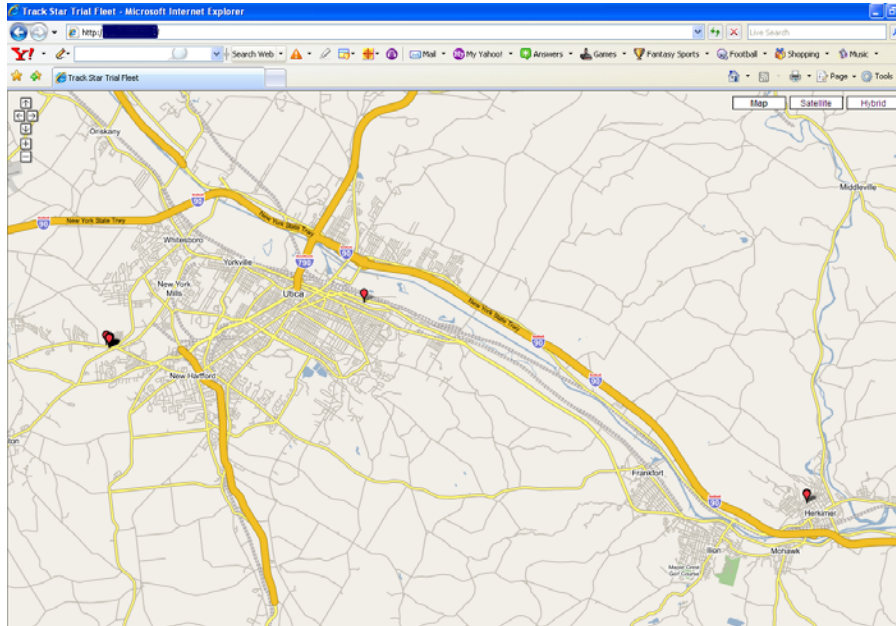
connection to the server.

The product will be offered for

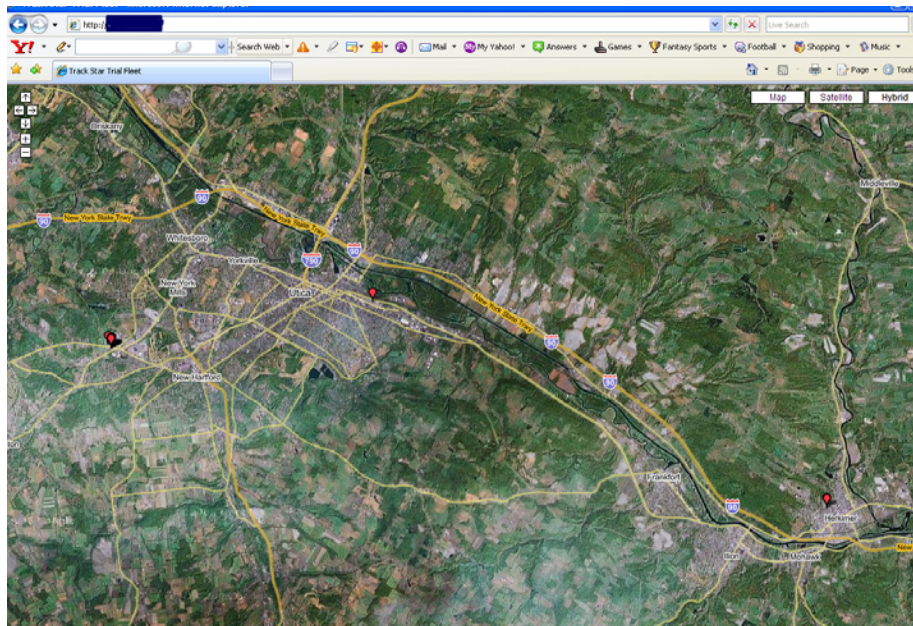


## Track Star AVLS Web with Google Earth

The mapping world is all abuzz with the functionality of Google Earth. The screens on this page illustrate our work in that medium. Releases of these capabilities is predicated to a great extent on the final form and content of any licensing agreements that Google might stipulate. The server application that provides these images, however, illustrates a capability to work with tiled photo based and georeferenced imagery.



Browser based AVL using map data presentation only.



Browser based AVL hybrid display with satellite imagery overlaid with map data

## Shows and Events

Emergency Services / EMS Expo  
Las Vegas Convention Center (9/27 –9/29)  
TIS Software Booth

CTIA  
Los Angeles Convention Center (9/12—9/14)  
AirLink Booth