

THE PURSUIT ENDS HERE.



Tag it. Track it.

StarChase, LLC  
613 Lynnhaven Parkway, #111  
Virginia Beach, VA 23452

Tel: 1-888-TAG-TRACK  
(1-888-824-8722)

Fax: 757-747-9638  
[www.starchase.org](http://www.starchase.org)

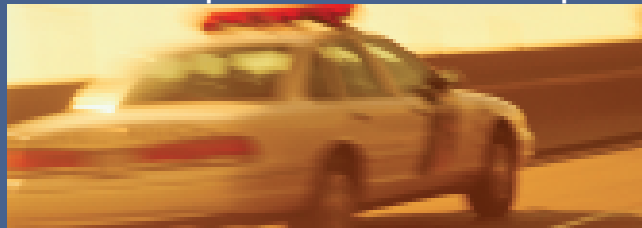
  
**StarChase**<sup>™</sup>  
Pursuit management system

  
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It's no secret that high-speed vehicle chases are dangerous – to the pursuing officers, to the pursued suspects and to innocent bystanders.

The economic impact is staggering, with hundreds of millions of dollars annually in insurance payouts, medical bills, workers' compensation and lost wages, in addition to exposure to liability for property damage and injuries. And there's the irreparable damage to the public image of law enforcement professionals when the story hits the media.

It's estimated that more than 100,000 dangerous high-speed pursuits take place every year in the United States. A large percentage of them could have been avoided. Research has shown that more than 85 percent are initiated for simple traffic violations or for suspicion of property theft or other



non-violent offenses. And over 79 percent last less than six minutes, leaving little time to deploy helicopter spotters, tire shredders or other currently available solutions.

As a law enforcement professional, you cringe whenever you hear of a deadly ending to a high-speed chase, and you wonder if there isn't a better way.

Ask yourself this. How many officers would be willing to forego the chase if they knew they wouldn't risk letting the suspect get away?

That's exactly what the StarChase Pursuit Management System does. StarChase's patented tagging and tracking solution is based on a simple concept – a compressed-air launcher mounted on the police cruiser shoots a projectile containing a miniature GPS receiver, wireless transmitter and batteries, embedded in a special epoxy/adhesive compound. The tagging device adheres to the suspect vehicle and transmits its position coordinates automatically every few seconds to a central computer server. The dispatch center can view the vehicle's location and movement on a digital roadmap through a secure Internet connection.

The pursuing officers back off. The chased vehicle slows down. Just like that, the high-speed pursuit has been replaced by an infinitely safer interdiction strategy.

The system automatically records all data, saving a historical record of the event for future playback. This provides a useful debrief and training tool, as well as court-admissible evidence for prosecutions or civil liability litigation.

The StarChase system is scalable, flexible and cost-effective. All components are based on commercial off-the-shelf (COTS) technology. It can function in a stand-alone mode or integrated with automatic vehicle location systems into a complete asset/suspect tracking solution.

#### Launcher

- Safe, compressed-air activation for less-than-lethal operation
- Dual-barrel configuration, giving built-in redundancy
- Heavy-duty construction for over-the-road conditions
- Small installed footprint fits most law enforcement vehicles
- Integrated laser target acquisition

#### Projectile/Tag

- Contains GPS/GSM tracking module with built-in lithium battery
- Small, lightweight projectile with proprietary adhesive/epoxy compound
- Proven secure cellular communication technology – no dedicated radio frequencies required
- Remotely programmable “ping” rates to conserve battery power

#### Infrastructure

- 100 percent IP portal for end-to-end law enforcement administrator control
- Displays location and movement of vehicles in real time on digital road map
- No dedicated hardware or software required at dispatch center
- Recoverable historical data for court-admissible evidence



① The laser-guided launcher discharges a tagging projectile.

② The tag adheres to the suspect vehicle and transmits its GPS coordinates to a computer server.

③ The dispatcher views the location of the tagged vehicle on a real-time map display.