



SPEEDSPIKE™ AVERAGE SPEED ENFORCEMENT SYSTEM



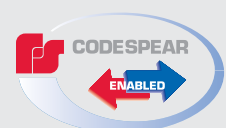
SpeedSpike is an innovative solution to speed enforcement designed to modify driver behavior. SpeedSpike consists of a network of Spike+ or SpikeHD ALPR systems and calculates average speed between any two points in the network with incredible accuracy, always erring on the side of the driver. This form of speed enforcement is much more effective than radar enforcement points, as drivers tend to learn where speed checkpoints are located and slow down. SpeedSpike makes speed enforcement simple – if you speed, you get caught.

All cameras in the network are independently time-locked using GPS. When a vehicle passes one of the SpeedSpike cameras, the license plate is read and time-stamped, and packaged with other data to form a Summary Record which is sent to the SpeedSpike Server. This record is compared to other records of the same license plate, at which point speed is calculated and compared to the enforcement speed. If a violation occurs, a Violation Record is created consisting of all data and images.

SpeedSpike is the next generation of speed enforcement, with the ultimate goal to modify driver behavior and improve road safety. An effective and scalable solution, SpeedSpike continues to demonstrate PIPS' thought leadership and innovation to provide the most advanced ALPR solutions in the world.

> Features

- Single integral ALPR unit
- Uses industry leading Spike+ or SpikeHD ALPR systems
- Evidential Record for each camera includes infrared plate patch, color overview image and contextual views (pre-event & post-event overviews)
- Full violation record consisting of images, link definition, camera site-ids, enforcement speed and measured speed
- Supports timed enforcement sessions
- GPRS communications, pulling the images only when required
- Resilient to communication outages, storing up to 60,000 vehicle events locally
- Distributed accurate time with primary and secondary time references
- Full SHA-1 authentication and AES 256 encryption
- Stand-alone security key generation program
- Open interface to Offense Viewing and Decision System (OVDS) back office
- Cabinet tamper detection
- Simple power-only installation possible

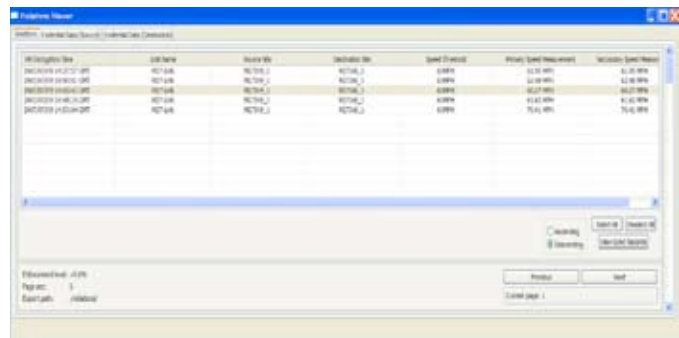


> Benefits

- Easy and cost effective installation
- 24 hour automated enforcement, 365 days a year
- Complete documented enforcement record
- Highest security protocols, and protections against evidence tampering
- Minimal bandwidth usage
- Scalable solution
- Effective enforcement modifies driver behavior for safer roadways



SpeedSpike Violation Record



SpeedSpike Violation Review



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