

Electronic Vehicle Registration



3M's latest transportation initiative, electronic vehicle registration (EVR), relieves operational burdens and improve fiscal performance for state DMVs, providing an automated means to screen vehicle registration compliance 24/7.

For law enforcement it provides an almost effortless approach to increase vehicle registration compliance and subsequently allocated resources to higher priority public safety concerns.

Public Policy Makers can take advantage of radio frequency identification (RFID) technology by providing states and local authorities a quick and simple means to recoup millions of dollars in lost revenue and alleviate the growing budgetary strain, while likewise providing citizens with:

- Better use of public resources
- Heightened safety
- Congestion relief
- Clean air
- Lower insurance costs, and more equitable enforcement

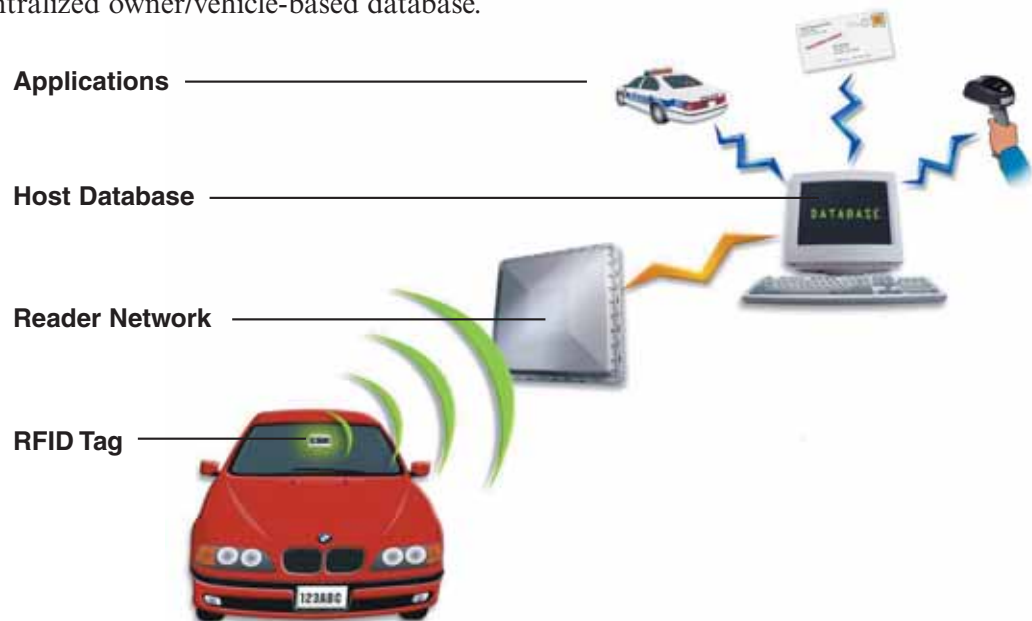
FACTS

- Government agencies lose a significant amount of dollars each year due to vehicles not compliant with annual registration requirements.
- Thousands of unsafe, uninsured and/or excessively polluting vehicles in violation of government regulations are on our roads at any given point in time.
- Manual compliance monitoring methods are sporadic and usually depend upon other incident detection events, resulting in minimal sampling of the total vehicle population.
- Homeland security is a growing concern – tracking and monitoring vehicles in secure areas and throughout various transportation corridors supports national public security goals.

What Is It?

Electronic vehicle registration uses radio frequency identification technology to electronically identify vehicles and validate the identity, status, and authenticity of vehicle data.

A basic RFID system consists of tags, antennas, readers, and a host system. A unique electronic identification code is established for each vehicle via a tamper-resistant windshield sticker tag, and each unique code is linked to a record in the centralized owner/vehicle-based database.



3M is pioneering a new age in vehicle registration systems based on proven wireless technology and software integration capabilities. EVR will provide an equitable means to enforce and strengthen the integrity of vehicle registration law by:

- Automating the registration enforcement system
- Eliminating sporadic enforcement
- Reducing avoidance of fees
- Reducing non-insured vehicles, and
- Ensuring state inspection requirements are fulfilled

EVR ultimately adds value by lowering annual renewal costs and increasing revenues. EVR provides the infrastructure for multiple uses, which benefit motorists, DMVs, related agencies and the general public.

3M's electronic vehicle registration also strengthens law enforcement capabilities by enabling:

- Automated identification
- Faster apprehension of serious law offenders
- Automated detection and citation generation for non-compliant vehicles
- Increased assurance that vehicles have met safety test requirements
- “Tracks” functionality extension to automatically capture data and on-site reports (citations, traffic reports, etc.) of traffic incidents
- Alerts for officers prior to approaching vehicles on “hot sheets” or with a history of incidents
- Easy access to, and sharing of, interagency information
- An effective new deterrent that motivates motorists to meet state regulatory requirements



And, 3M's electronic vehicle registration will assure citizens that government resources are focused on high priority, value-add activities that promote eProductivity:

- Faster apprehension of serious criminals
- Proactive compliance in all fee areas of vehicle registration, resulting in fairer funding for road users
- Citizens and officers can clear routine stops and accident scenes quickly with the wireless method of data capture
- Comprehensive and equitable compliance monitoring
- Better knowledge of vehicle presence, timing, and density allowing optimization of roadway usage
- Proactive compliance and reduced dwell time lowers emissions
- Proactive, automated compliance enforcement for emissions testing will lower emissions
- Proactive, automated compliance enforcement for uninsured motorists will ultimately lower insurance costs for the motoring public.



Tough, Smart, and Totally Dependable

The system is designed with security features to prevent tampering or fraudulent use. Built-in, self-diagnostic capabilities allow continuous performance monitoring to detect or prevent possible problems early on. The tag code is unique to each vehicle, is virtually impossible to duplicate, and includes inherent, discreet security features.

The Right Choice

3M has served the transportation market for more than 60 years, so we understand your requirements. Let us help you to create solutions that meet the demands of today—while building new possibilities for tomorrow.

For more information on the electronic vehicle registration application, visit us on the web at www.3M.com/tss.



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