Siemens PLM Software

A future with connected vehicle-to-infrastructure technology

Siemens PLM Software is working to increase safety and efficiency while reducing traffic
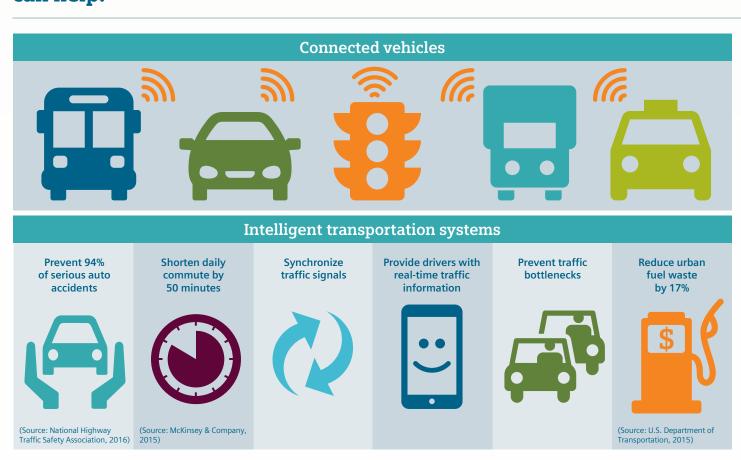
218 million licensed drivers in the U.S.:
*Drive **3.2 trillion** miles*

(Source: Federal Highway Administration, 2017)

U.S. drivers spend 42 hours in traffic jams:
30% *of which is looking for downtown parking*

(Source: Texas Transportation Institute, 2015)

4.6+ million accidents requiring medical attention:
*Resulting in over **40,000** fatalities*

(Source: National Safety Council, 2016)

Intelligent transportation systems (ITS) and connected vehicles can help:

Connected vehicles

Intelligent transportation systems

Prevent 94% of serious auto accidents

(Source: National Highway Traffic Safety Association, 2016)

Shorten daily commute by 50 minutes

(Source: McKinsey & Company, 2015)

Synchronize traffic signals

Provide drivers with real-time traffic information

Prevent traffic bottlenecks

Reduce urban fuel waste by 17%

(Source: U.S. Department of Transportation, 2015)

Connected vehicle-to-infrastructure (V2I) technology can:

Accurately track buses and trains on their routes

Locate and address stalled vehicles

Connect drivers with information about road and traffic conditions

Facilitate safe, interoperable networked wireless communications among vehicles, infrastructure and passengers' personal communication devices

Enable vehicles to "talk" to each other with in-vehicle devices that share safety and mobility information

Allow connected vehicles to "talk" to traffic signals, work zones, toll booths, school zones and other infrastructure

(Source: U.S. Department of Transportation, 2015)

Learn how Siemens PLM Software is working to increase safety and efficiency while reducing traffic through vehicle-to-infrastructure communication.
http://w3.siemens.com