

### **What are the primary consumer benefits of TPMS?**

**Safety** – the presence of TPMS has resulted in a 55.6 percent reduction in the likelihood that a vehicle would have one or more severely underinflated tires.

**Fuel Savings** – TPMS-equipped vehicles were estimated to save more than \$511 million in 2011 through reduced fuel consumption.

**Environmental** – 3.5 million gallons of gasoline wasted every year due to underinflated tires.

(Source: National Highway Traffic Safety Administration, TPMS Effectiveness Report, November, 2012)

### **Why don't OEM car manufacturers standardize around a common TPMS architecture?**

The specifications for TPMS are unique to each OEM car manufacturer, and are designed and marketed as such, that's why you see the numbers of different sensor types. The good news is that with Schrader's programmable EZ-sensor®, you can stock just 2 sensors (315 & 433 Mhz) and program them to over 90% of TPMS-equipped vehicles that you may see come in your repair shop for repair. This eliminates the need to stock hundreds of the original replacement sensors.

### **On average, how long do TPMS batteries last?**

The batteries in Schrader TPMS sensors are molded within the sensor housing and are meant for a one-use application, and can last 7-10 years depending on individual driving patterns.

### **I have a new design project and/or application requiring Schrader valve or sensing content. Who can I contact to help on the engineering side?**

Global Schrader engineering teams stand by to assist in investigating your design project.