

Accelerated ROI

The Sturdy® VMS with **SpeedIQ** can help companies achieve significant, ongoing savings by ensuring safe, efficient driving and minimizing fleet fuel, maintenance and repair costs and boost improved customer perception of your rolling billboard on the road. With a one-time cost that is already highly competitive, the value of the VMS with **SpeedIQ** is apparent and the ROI is exceptional and long lasting.

Telematics

VMS has an optional telematics solution with a customer portal. Through GSM networks, the VMS connected vehicle provides a wide variety of telematics-based intelligence, including: asset tracking, fleet and driver Key Performance Indicators (KPIs), service reminders, engine diagnostics and more.

A Sturdy Reputation

All truly successful businesses share 3 common characteristics:

- 1. Reliable products that are proven to provide real value
- 2. Attentive, customer-focused service
- 3. A reputation for honesty and integrity

With more than 45 years of fleet management technology experience and more than 800,000 installs, our loyal customers know that Sturdy is committed to delivering all three.

CERTIFIED & COMPLIANT

- EU Certification
- IP 67 rating

CE (E11) 89R-002078 (E11) 10R-048568



45+
YEARS OF FLEET
MANAGEMENT
TECHNOLOGY
EXPERIENCE

800,000+
INSTALLS

MANUFACTURED IN THE USA TO:
TS 16949:2009 & ISO 9001:2008

DISTRIBUTED BY:



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VMS / VEHICLE MANAGEMENT SYSTEM

with **SpeedIQ**

Far Beyond Speed Control



LET US RIDE WITH YOU

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Control Driving Efficiency—Control Costs



ADAPTIVE SPEED CONTROL

Continuously monitors vehicle performance in real time actively adjusting to road conditions, inclines, declines and vehicle weight.



VARIABLE ENGINE SPEED CONTROL

Leverages sophisticated algorithms to learn optimum gearshift intervals. Provides configurable variable rev limits to force fuel-efficient gear changes.



ACCELERATION CONTROL

PC configurable acceleration limits can be programmed to neutralize aggressive driving and balance vehicle performance with fuel savings.

Accounting for Every Mile Makes Cents

It's no secret. Fleet operation costs have a major impact on bottom line profitability. Smart business leaders understand that adjustments that cut fleet-related costs, even on a small scale, add up over time. Inefficient driver operation, like over-acceleration and speeding, wastes fuel and expedites the need for maintenance and repairs. Day after day, mile after mile, these wasted dollars add up—and the larger the fleet, the faster these unnecessary expenses expand.

Far Beyond Speed Control

Always on the forefront of innovation, Sturdy is pleased to deliver the new gold standard in fleet management technology, our new Vehicle Management System (VMS) with **SpeedIQ**. VMS technology does not involve fuel squeezing. It encompasses much more than a basic maximum road speed limit setting with **SpeedIQ**. With easily configurable settings for road speed, RPMs and vehicle acceleration rates, maximum savings are assured, as drivers automatically become more economical and safer.

Sturdy's proprietary Intelligent Speed Assist **SpeedIQ** provides:

- Active road speed limit control, which intelligently limits the vehicle to the road speed limit of the road on which it is being driven on
- Forward prediction of speed limit changes smooth and makes the transitions between speed limit changes timely and accurate
- The most accurate road speed limit maps for North America, Western and Eastern Europe
- Real-time Map data maintenance option via Over-the-Air (OTA) updates are available



The VMS Advantage

UNIVERSAL FIT—EASY INSTALL

VMS is compatible with virtually any vehicle with an Electronic Accelerator Pedal, and future proofed through secure PC-based configuration with firmware update capability. Pre-loaded file configurations make installation amazingly simple.

PROGRAMMABLE AND VERSATILE

With PC-based configuration, the VMS Module is programmable and can be easily transferred to another vehicle and quickly recalibrated to support maximum performance specific to that vehicle.

FUTURE PROOF

VMS can be enabled with Over-the-Air (OTA) updates to ensure your vehicles have the latest speed limits to aid **SpeedIQ**'s accuracy.

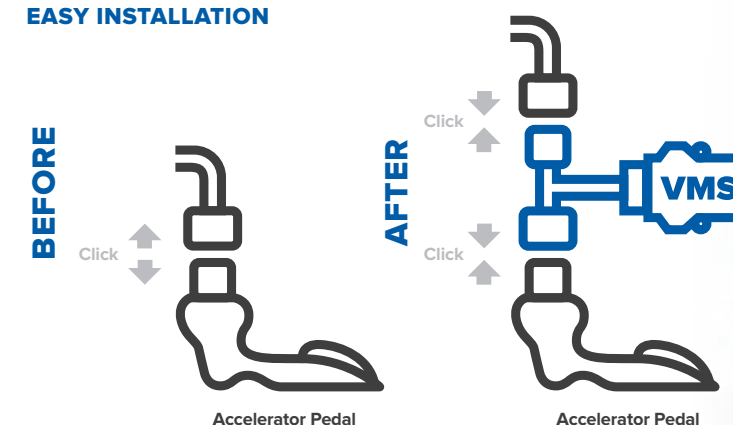
OVERRIDE OPTIONS

VMS can be configured to allow override options with flexible control. Choose between a single or combination of the following override options including; the Override Button on the display module, accelerator pedal double pump, or full press to floor. VMS can be set to automatically deactivate or allow a secondary configurable higher speed limit when an input signal is supplied, such as activating an emergency vehicle's lights.

TAMPER RESISTANT

VMS features an optional automatic throttle reduction (limp home mode) in the event of unauthorized tampering.

EASY INSTALLATION



SECONDARY SPEED SETTINGS

VMS includes a secondary maximum speed setting option that can be used to limit to lower speeds for reverse gear or when a trailer is attached. There is also a speed hold button that assists a driver to not exceed any desired speed.

ROAD SAFETY—REPUTATION SECURITY

Speed and acceleration controls ensure compliance with road safety and Duty of Care requirements and protect your brand's reputation from being damaged by a reckless, aggressive driver.

ECO FRIENDLY

By minimizing acceleration and supporting consistent and reasonable speeds, VMS can significantly reduce pollution emissions and support green initiatives.

MAXIMUM SPEED OFFSET (MSO)

The VMS has a User and Fleet controllable feature (MSO) Maximum Speed Offset that allows the speed limit to be adjusted or biased to be greater or less than the actual posted speed limit up to +/- 10 MPH in single MPH increments. This adjustability of MSO is selectable in brackets of 10 MPH for different speed bias levels for each 10 MPH of speed or a single global setting for all posted vehicle speed limits. This feature is optional and can be disabled or restricted in a number of ways upon installation of the VMS.



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