

# ADAS Map

Highly accurate map content for driver assistance

## Overview

Next generation automotive applications and GIS business solutions require higher quality and more accurate map content to maximize safety, improve operating comfort and efficiency, and provide business critical insight. As a predictive sensor, TomTom digital maps enable drivers to anticipate the road ahead.

TomTom ADAS (Advanced Driving Assistance Systems) Map, available and used commercially since 2012, enables

customers to differentiate themselves with solutions which can power safety, efficiency, and comfort applications. TomTom customers currently employ these attributes to deliver industry leading innovative solutions to increase fuel efficiency and improve overall driver safety.

The TomTom ADAS Map is available with tailor-made packages that enable OEMs to develop Advanced Driving Assistance Systems that lead to safer and more efficient driving.

Features	Benefits
Gradient	Improves fuel efficiency
Curvature on road	Aids safer driving through predictive speed control
Curvature at junction	Improves comfort and predictive gear shifting
Lane at junction	Informs driver of lane marking and possible maneuvers
Traffic signs	Provides warnings and visualization for drivers
Speed restriction	Enhances speed control and overspeed warnings



End user benefits

TomTom ADAS Map provides some of the following end-user benefits:

- Enables fleet and logistics companies to enjoy significant fuel savings
- Advanced speed control including a more comfortable and safer journey as well as smarter route planning
- Informs decision making, such as when to downshift or adjust speed

Product formats

ADAS Map features are available in the following formats:

- MultiNet-R
- Navigation Data Standard (NDS)

Sample applications

	Gradient	Curvature on Road	Curvature at Junction	Lane at Junction	Traffic Signs	Speed Restrictions
Range calculation	●	●				●
Predictive powertrain control	●	●	●		●	●
Highway assist	●	●	●	●	●	●
Eco-routing	●	●	●			
Lane guidance				●		
Intelligent speed assist					●	●
Warning for driver		●			●	●

