



NETSTAR

A SUBSIDIARY OF ALTRON

NETSTAR SPEED ASSIST

***HELP YOUR DRIVERS
COMPLY WITH SPEED
REGULATIONS***



YOUR CHALLENGE

ENSURE BETTER DRIVER BEHAVIOUR & SAFER ROADS

Most drivers exceed the lower speed limits usually found on suburban/urban roads – with narrower lanes, pedestrians, and other road users further increasing risk. As such, ensuring driver, passenger and pedestrian safety through a speed-limiting solution is critical to your fleet operation.

Intelligent Speed Assistance (ISA) technology provides predictable, real-time, location-aware speed control that saves your business time and money. ISA is arguably the most effective in-vehicle system for preventing excessive speeding, while enhancing driver and passenger safety.

OUR SPEED ASSIST SOLUTION

ENHANCE SAFETY & STAY WITHIN THE SPEED LIMIT

Netstar Speed Assist intelligently helps drivers to comply with speed regulations in varying road conditions.

Designed to keep drivers operating within the law, Netstar Speed Assist's software automatically adjusts the vehicle's speed within 300m of a road sign – ensuring that drivers are safe and driving the correct speed.

The driver always stays in control of the vehicle, meaning it will stop when the brakes are pressed or slow down when lifting off the accelerator. With Netstar Speed Assist, you can now actively improve driving behaviour, which benefits your business.



HOW NETSTAR SPEED ASSIST WORKS

DRIVER BEHAVIOUR

Netstar Speed Assist intelligently helps drivers comply with speed regulations in varying road conditions. The solution uses semi-autonomous technology that reinforces positive driver behaviour.

SPEED SAFETY

Netstar Speed Assist will deliver on specific ISA regulations made mandatory by the Government.

OVERLAPPING ROADS

Netstar Speed Assist has dealt with the troublesome issue of overlapping roads and byways that historically threw off other devices.

SMOOTH TRANSITIONS

Using a specifically developed algorithm, Netstar Speed Assist smoothly transitions between the speeds on adjacent segments of roads and calculates joining and exit speeds.

OFFLINE OPERABILITY

The Netstar Speed Assist doesn't need the internet to function, meaning it is safe from cyber-attacks and contains all the intelligence and road data onboard.

SUCCESSFULLY ROAD TESTED

As of August 2021, Netstar Speed Assist has been driven problem-free on over 40,000km across Southern Africa.

REAL-TIME ANALYSIS

Netstar Speed Assist operates 100% onboard the vehicle and constantly analyses road data. This ensures your drivers are not in contravention of the road laws for that particular stretch of road.

NETSTAR SPEED ASSIST IN ACTION



Install: Connect the Netstar Speed Assist to the vehicle's CAN Bus. This plugs into the vehicle's existing harness and pedal sensor.



Connect: The mapping unit is integrated with the Intelligent Vehicle Management (IVM). This enables the unit to pick up the posted speed limits per road.



Analyse: The mapping unit geolocates the vehicle via GPS to extract the speed limit in real time.



Manage: The integrated management console allows the fleet manager complete control over the use of Netstar Speed Assist per vehicle.



Improve: Transform your business when you improve driver safety, boost efficiencies and increase brand reputation.



Act: Netstar Speed Assist adjusts the throttle in a gentle and controlled way to limit the vehicle's speed (like cruise control).

THE RESULT

HOW NETSTAR SPEED ASSIST BENEFITS YOU

Using Netstar Speed Assist to enforce driving at the speed limit will not only ensure the safety of your drivers and other road users, but will also help you save on your vehicles' fuel consumption and more.



SAVE MONEY

Avoid speeding fines, improve maintenance, reduce fuel consumption and reduce incidents.



REDUCE RISK

Better drivers who comply with the law reduce accidents and claims.



IMPROVE SAFETY

Increase driver and road safety by reducing accidents and saving lives.

THE COST SAVINGS ACHIEVABLE WITH NETSTAR SPEED ASSIST



FUEL SAVINGS (per annum)

R 9659

R 7430

R 4329

R 2786

FINES AVOIDED (per annum)

R 5 - R 10000

R 5 - R 10000

R 2 - R 5000

R 2 - R 5000

ROI

5 Months

6 Months

8 Months

10 Months

The savings are based on 2000km per month driven; drivers exceed 35% of limits per trip, OEM Vehicle Fuel consumption L/100km and 5% probability of incurring a speeding fine.



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FIND OUT MORE

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