



Vehicle localization system

A precise and safe software-based solution using sensor fusion algorithms for accurate centimeter-level positioning.

Vehicle localization system

Solution for accurate positioning



Works perfectly even under the most difficult weather conditions.

Highly accurate localization even in sparse landscapes.

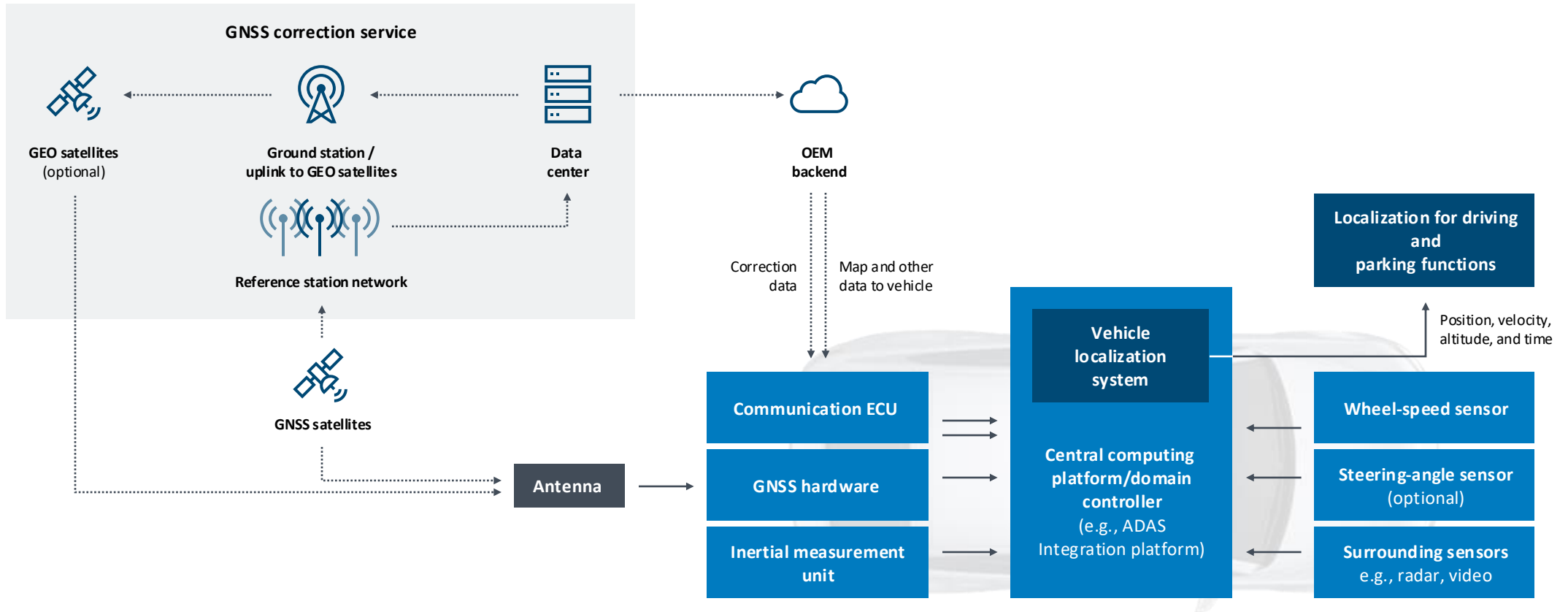
Lane-level localization, temporarily even without GNSS signals

Precise localization even in difficult urban scenarios.



Vehicle localization system

Operating principle



Vehicle localization system

Product benefits



Modularity

Runs on OEM- specified interfaces and supports various vehicle architectures



Key enabler

Technology for SAE Level 2+ applications under all driving conditions, increasing availability and robustness of ADAS functions



High precision

Localization enables accurate and reliable positioning of the vehicle (typ. ≤ 10 cm), lane-level positioning



Tried and tested

Long-term expertise in sensor fusion algorithms to support OEM system specifications and lead integration and release

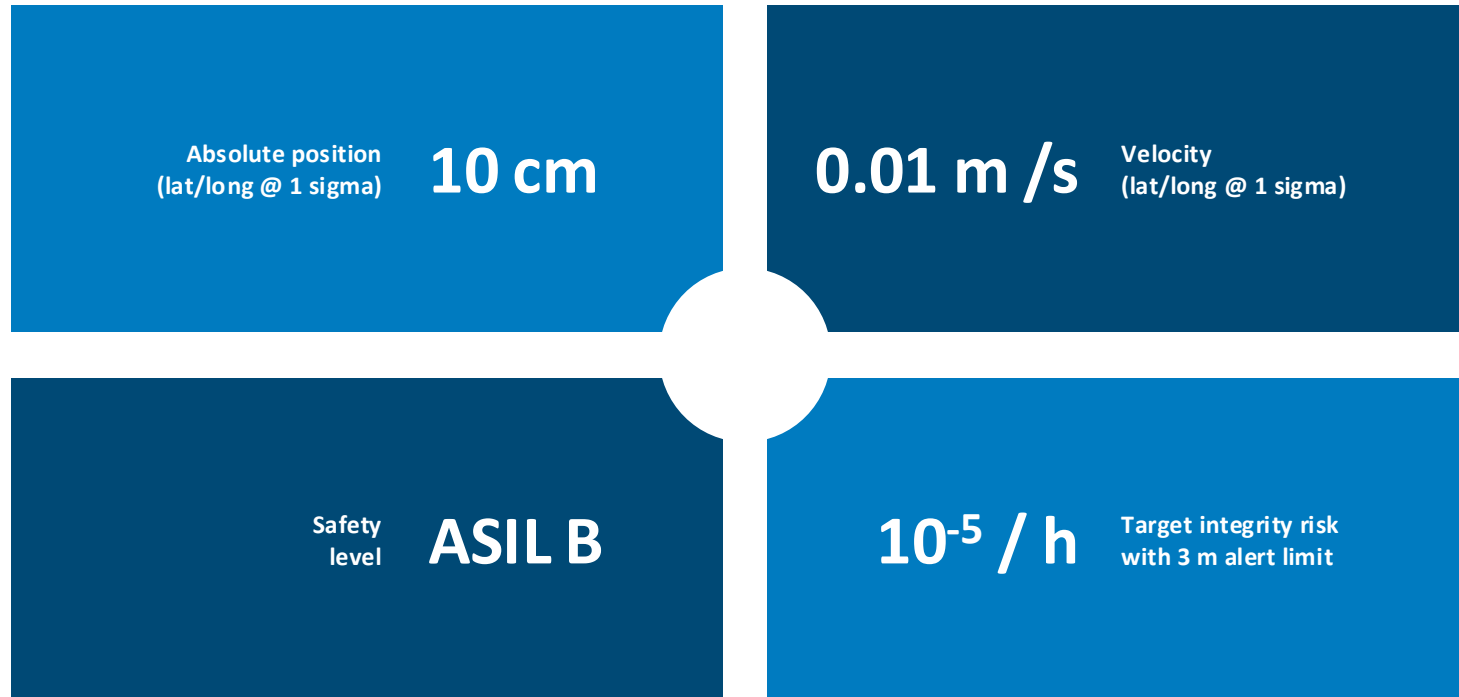


Worldwide

Worldwide coverage of compatible safe correction service

Vehicle localization system

Technical data





Let's make mobility
services as natural
as mobility itself.

Let's move #LikeABosch