Accurision

Use the world's most advanced GNSS signal for unparalleled robustness.

Accurision develops the GUIDANCE™ GNSS sensor, a mixed-signal ASIC for autonomous driving - with robustness, integrity, continuity, accuracy, and precision as the key ingredients.

GUIDANCE™ makes use of the most advanced civilian GNSS signals for unparalleled robustness while achieving the required accuracy and precision in dynamic rural and urban environments necessary for autonomous driving and will support the Galileo E6 High Accuracy Service.

The ionospheric delay estimation engine (IDEE) uses Galileo E1 and E5 AltBOC signals to estimate the signal delay without compromising the high quality of the Galileo E5 AltBOC signal. The interference detection and mitigation engine (IDME) uses advanced algorithms based on our extensive real-world interference sample database to improve the overall robustness. The GUIDANCE™ GNSS sensor IP will be available as Soft IP and Hard IP to ease the integration of the sensor IP into our customers‘ sensor fusion engine. Accurision, founded in late 2015, is a privately held company with headquarters in Lustenau/Vorarlberg.

USP
GUIDANCE™ uses the world's most advanced GNSS signals for unparalleled robustness while achieving the required accuracy and precision in dynamic rural and urban environments necessary for autonomous driving. The GUIDANCE™ GNSS sensor technology will be available for easy integration into the customer’s sensor fusion engine.

Target market
Automotive

Space connection
Our GUIDANCE™ solution uses GNSS signals, and services provided by Galileo like the Galileo E6 High Accuracy Commercial Service and EGNOS.

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