



GNSS – from Idea to Success

By extensive simulations and testing in our GNSS laboratory

Global navigation satellite systems (GNSS) offer a host of new market perspectives. Let us assist you in reaching quickly and reliably your corporate goals as a manufacturer of GNSS components, receivers, and applications.

Our experts support you throughout the planning, development, and validation of your GNSS components right from the initial phase of product design and development. They take you to your destination without detours and help you to reduce your risks and the time and costs involved.



On track right from the start

We assist you in your GNSS developments

Whether you develop GNSS components, receivers, or applications – our experts take care of the complex and time-consuming steps in the development process and handle them in a seamlessly coordinated and established approach.

We assist you in

- improving the cost-effectiveness of your company
- safeguarding the reliability and quality of your products
- efficiently fulfilling all requirements

Our full-service offer in this field extends throughout all stages of your development and production processes.

Planning and consultancy

Our experts offer advice and support for your specific project design and ongoing projects. Your benefit: all certification requirements, technical aspects and risks are identified in advance – thus minimizing costs and saving time.

Review and evaluation

To make your decisions safe and your investments secure, we review and evaluate all your plans and projects, focusing particularly on your compliance with binding regulations and requirements. Your benefit: you pave the way for the market success of your products.

Analysis and verification

The forecasted values must later be verified as proof. To round off our full-service package, we offer measurement and analytical procedures which assist you from the planning stage to the certification of your products. Your benefit: appropriate documentation of the quality of your products.

Verification is carried out with the help of a GNSS simulator, permitting comprehensive modelling:

- extensive multipath modelling
- antenna gain and phase patterns
- ionosphere and troposphere modelling
- pseudorange ramps for RAIM testing

We offer the following services:

- provision of a simulator
- instruction and training
- implementation of defined simulation models
- development of scenarios
- certification of complete test cycles

Talk to us and maintain your market edge!