Antennas are our business. We are fully committed to providing the best possible solution for our customers. Our extensive portfolio includes a whole range of services such as:

- Development of innovative antennas
- Field solver development & support
- EMI-simulation services
- Antenna characterisation & testing
- Studies & consulting
- Partnership in R&D projects

The skilful symbiosis of industrial development and innovative research projects allows us to provide high performance solutions for our customer’s problems. Through strategic cooperation with our industrial partners, we can efficiently bridge the gap from prototype to final product.

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IMST is a leading design house and development centre for wireless modules, communication systems, chip design, antennas, EDA software, and regulatory certification using an in-house accredited/certified regulatory test centre. IMST offers both standard products such as radio modules with hardware/software as well as complete system and product design. Individualized support during every phase of product development including wireless technologies, from initial consulting to series production is one of the unique selling propositions of IMST.

IMST offers a full line of antennas and antenna frontends, from standard designs to customised, highly complex solutions, to suit your specific needs. From the MHz-range to mm-waves, we have been at the forefront in antenna design for the last two decades. Our extensive know-how covers mobile and wireless devices, automotive radar, ultra-broadband antennas, and satcom-on-the-move frontends. Solutions can be provided as components as well as at system level: single antenna radiators, arrays and complete antenna frontends are our business. We offer complete solutions covering the whole R&D chain, starting with design and prototyping up to measurements and qualification.

**We take antenna design seriously!**

**THE RIGHT DESIGN FOR EACH CUSTOMER**

From small antennas to large arrays, the development of high-performance antennas is a core element of IMST’s business. Our R&D activities have made us one of the world’s leading innovators in this field.

Our high-tech antennas are available for a wide range of applications. Antenna systems are designed and produced according to the customer’s requirements, taking into account the target application such as mobile satellite communication, complex radar systems, cellular radio terminals, automotive or radio modules. The components and modules at the core of every antenna are based on our extensive design experience of more than 20 years supported by high-performance simulation tools and state-of-the-art measurement facilities.

Powerful simulation tools like the EM field solver EMPIRE™, developed by IMST, are used for the design, optimisation and verification of our antenna concepts, cutting down on precious development time.

Prototyping is an essential step in the development process. At IMST we rely on our own facilities and the cooperation with technology partners in areas such as mechanical design, PCB, and RF-components, to ensure short development cycles.

With our sophisticated antenna test facilities, we offer far-field and near-field measurement services to verify antenna performance as cost efficiently as possible.

For the manufacturing of the final product, IMST cooperates with experienced, top-level technology partners. With this business model, we are able to serve both niche and mass markets.