EXPERTISE

IMST has been designing RF components, cellular applications, and antennas for more than 15 years. A team of RF experts, certification specialists and antenna engineers work closely together to offer you the best possible services. Our flexibility allows us to adapt the designs and services to the most diverse wishes and requirements of our customers.

A wide range of powerful simulation tools and state-of-the-art measurement facilities enable us to complete the development and certification process within a short period of time.

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• Handset antennas
• M2M communications
• Car2X communications
• UWB antennas
The need for universal mobile communications, ubiquitous data access and on-board entertainment systems, for example in vehicles, foster the expansion of wireless applications onboard as well as the implementation of various radio standards. Efficient antenna modules are thus required to provide optimum access to these services anytime anywhere. Nowadays, such antennas cannot be considered as stand-alone systems, but have to be integrated in the whole RF-infrastructure. Also, topics such as reconfigurable antennas or the use of MIMO systems are fundamental for future mobile communications technologies.

**M2M AND CONSUMER APPLICATIONS**

The communication between machines (M2M) and the interconnection of different household devices, such as Hi-Fi, home entertainment systems or TV-sets rely strongly on the use of wireless links. In the first case, it is necessary to ensure secure and robust communications in „hostile“ environments, while for the consumer markets the stress is put on achieving a large bandwidth for high data rates.

IMST offers cutting-edge solutions and state-of-the-art technologies that satisfy the requirements of our customer.

IMST provides antenna solutions for:

- Mobile communications
- M2M communications systems
- ISM Applications
- Automotive applications
- UWB