

Technical Competence Groups

Engineering Services

Embedded Systems

- Embedded HW, FW and SW Design
- Embedded Systems Testing
- Demonstrators and Prototyping
- Product Design
- Machine Learning & Sensor Fusion Solutions
- IoT Solutions

Testing

- Testing systems for Field trials
- HIL-Systems Design
- SW Design for ASIC production testing
- HIL-Operation
- SW-Testing for functional safety
- ASIC & Sub-System & Validation
- Field Trials

SW Services

- IoT with Cloud Full Stack Development
- Mobile/Web DevOps
- Salesforce

AMS & RF & mmWave IC Design

- System Design
- AMS IC Design
- RF & mmWave IC Design
- IC Verification

SoC FPGA & ASIC & DSP

- Modelling
- RTL DESIGN and Simulation
- ASIC & FPGA Implementation Chain
- SW Development and Testing Tools
- Verification & Validation

Mechanical Engineering

- Design and Modelling
- Design and Calculations
- Simulations
- PLM

Radar IPs and Solutions

mmWave Radar-on-Chip

- 60GHz Front End Silicon
- 79GHz Front End Design
- DSP FPGA prototype

Automotive Radar

- In-Cabin Sensor
- Kick/Gesture Sensing
- Parking and other slow ADAS functions

Industrial and IoT Radar

- People in Zone Detection
 - Safety
- Vital Signs
- Radar for AGVs
- 4D general-purpose sensing