



Hard- und Software GmbH

About Us

- Company headquarter in Klagenfurt am Wörthersee
- Founding year 1996
- 17 employees
- Experience in embedded electronics and software development
- In-house electronics production

Development & Production from Single Source

- Concept creation
- Feasibility studies
- Hardware development
- Software development
- Development for volume production
- Measuring technology
- Prototyping
- Small volume production



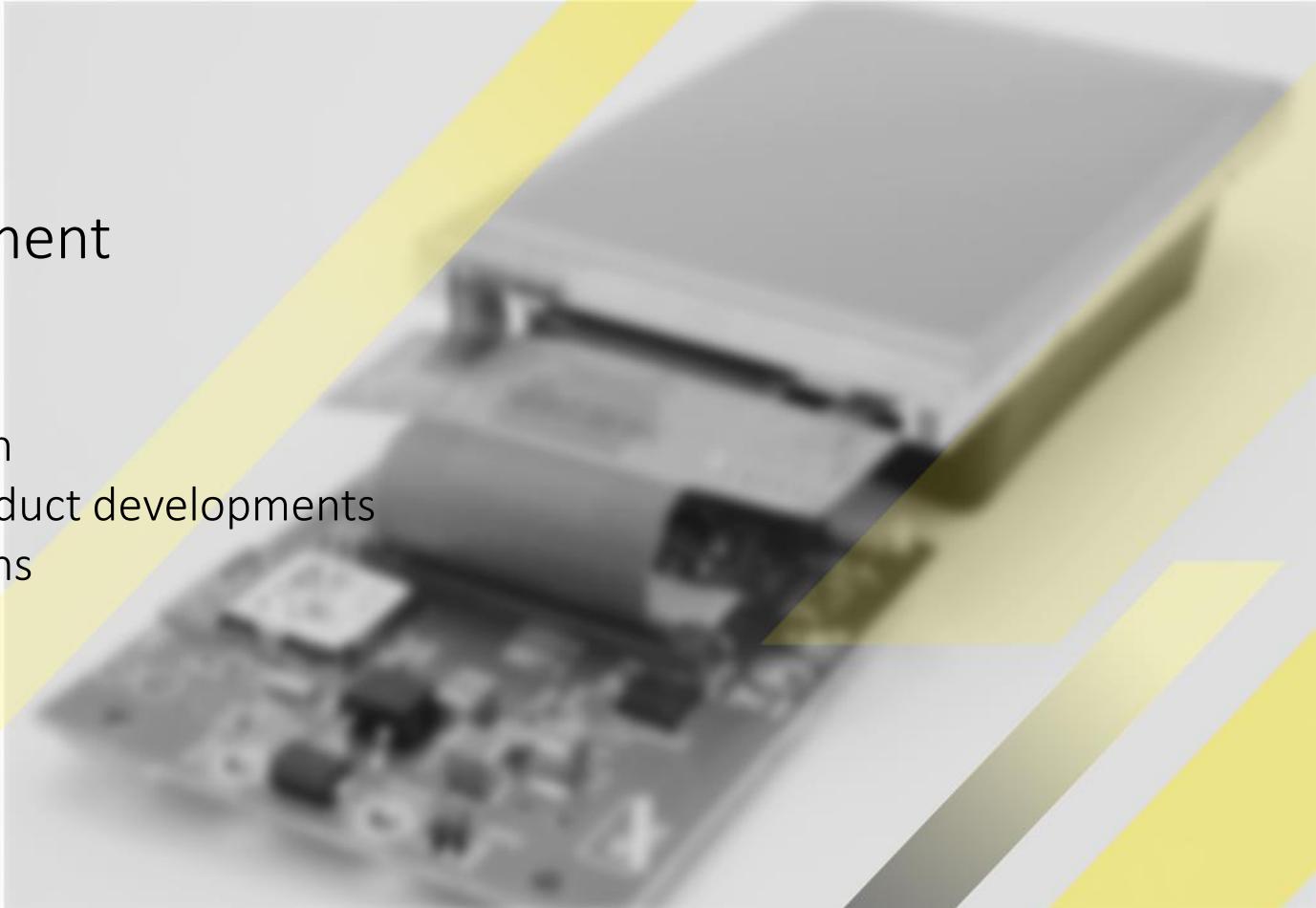
Circuit Design

- Low Power applications
- FPGA-Design (SoC Emulation)
- Medical technology applications
- Measurement technologys and testing applications
- Measurement automation

Hardware Development

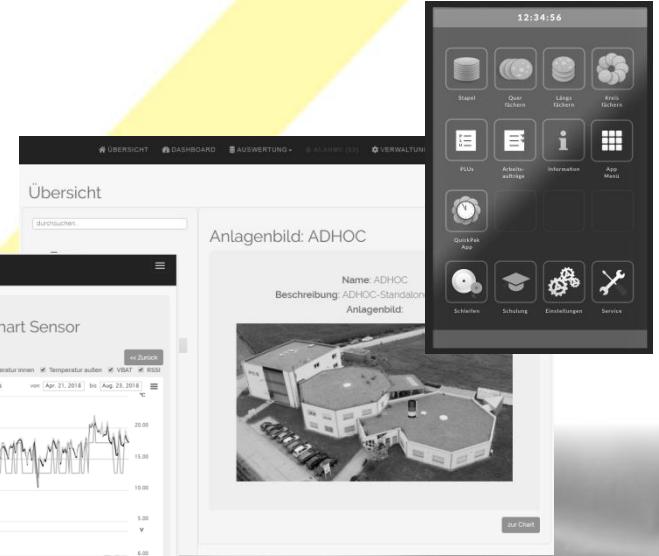
- High frequency design
- High Power applications
- Low Noise analog design
- Low Cost consumer product developments
- Mechanical constructions

- CAD design
- 3D CAD design



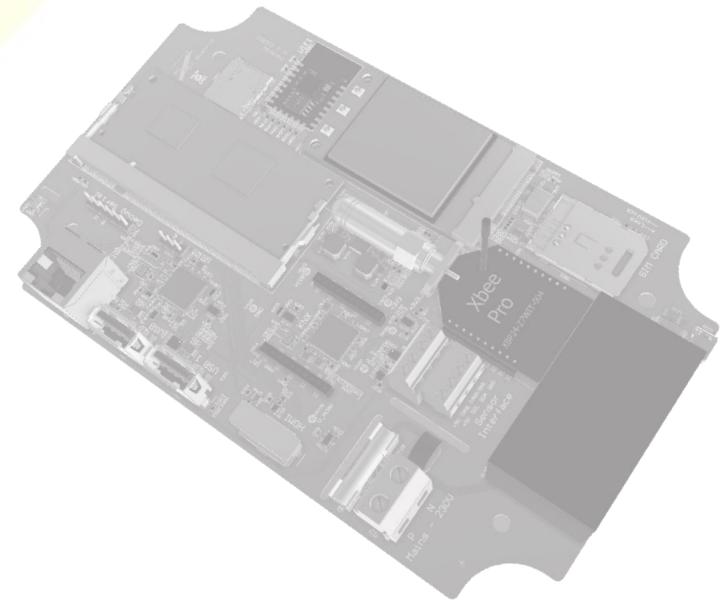
Software Development

- GUI design
- Webservices
- Responsive design
- Mobile APPs
 - iOS, Android



Embedded Software Development

- Embedded software
 - C, C++
- Various architectures
 - ARM, ATMega, MSP
- FPGA design
 - VHDL, Verilog





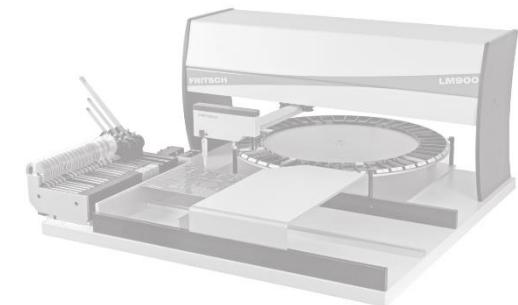
Prototype Development

- Circuit board manufacturing SMT, THT
- One and double side assembling
- Case- prototype constructions
- In house mechanical workstation
- Prototypes & series transition



Production of series – and small series

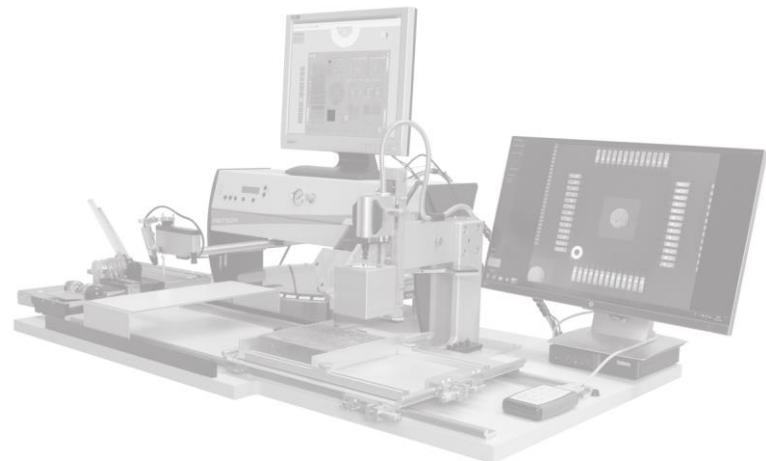
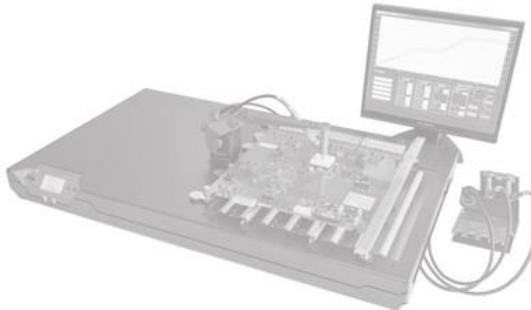
- Production from one unit upwards
- Production transition to high volume manufacturer
- Installation
- Endurance run & final test
- QA



Rework Services

Reliable and precise repair of

- BGA
- CSP
- QFN
- Connectors
- Sockets





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