Customized manufacturing processes create competitive edge
Our system architects and process engineers work closely together with your development and engineering teams. They are able to design the manufacturing process, line or machine you need, embedding the newest technologies of Industry 4.0 in intelligent robotics and Industrial IoT to create the connected smart factory. Our expertise is in building customized manufacturing and test solutions that are critical to quality; managing your equipment investment risks as volumes increase.

Being globally active in supporting innovation processes end-to-end, concurrent engineering is the way we work; hereby speeding-up your time to market and giving you an advantage over your competitors. Challenge us to show you we deliver!
Industry 4.0 Robotics & Data Analytics
Industrialization support towards robust and reality proven production and manufacturing system performance

We deliver the connected smart factory

Increasing productivity and reducing cost is achieved by Industry 4.0 technologies. This includes new manufacturing technologies like advanced industrial automation and robotics as well as strategic and in-depth use of data analytics. Our solutions will be integrated seamlessly into your existing manufacturing infrastructure.

They include:

- Data collection using the latest sensor technology
- Visual inspection systems
- Connection to MES system
- Industry 4.0 data analytics
- New manufacturing technologies such as 3D printed
- Collaborative smart robots

Methodologies:
I4.0 readiness assessment, Industrial IoT device connection, MES-SCADA implementation, Deep Learning for inspection

Customized Test Equipment
Controlled quality in your product development & manufacturing processes

We deliver a test strategy including test equipment solutions for both the product development and manufacturing phases. We do this by developing, building and maintaining stand-alone and inline customized high-end industrial measurement systems for product quality testing and process control. We deliver a measurement system to suit your product development and manufacturing needs, one, which supports the implementation of your control points strategy and product quality inspection processes.

Methodologies:
Design for testing, V-model, test architecture, remote control, MES connected stage configuration

Design for Manufacturing, Assembly & Testing
Turning a promising concept into a winning product

We deliver improved manufacturability of your products closing the gap between product development and operations. Our cross-discipline approach ensures that every relevant factor and parameter is taken into consideration from the start in identifying your perfect design solution. For new products, this results in an optimal, scale-ready design for smooth manufacturing at the lowest cost, highest quality and quickest speed possible. For existing manufacturing, it identifies the root-cause factors of issues with manufacturing cost, cost of non-quality and long lead-times.

Methodologies:
DFMAT trainings & workshops, 3P workshops, Manufacturing Maturity Assessment

Manufacturing Service & Support
Maintaining & improving your Overall Equipment Effectiveness (OEE)

We deliver you maintenance support as well as manufacturing process & production optimization that will enhance your Overall Equipment Effectiveness (OEE).

We distinct two flavors:
1. Corrective & preventive maintenance to keep your manufacturing equipment well maintained and reliable in the most cost-effective way.
2. Overall equipment effectiveness optimization.

By improving the operational state, and the production process of your equipment we increase line performance, achieving your clearly defined targets.

Methodologies:
Maintenance support & trainings, spare parts management, machine performance scan