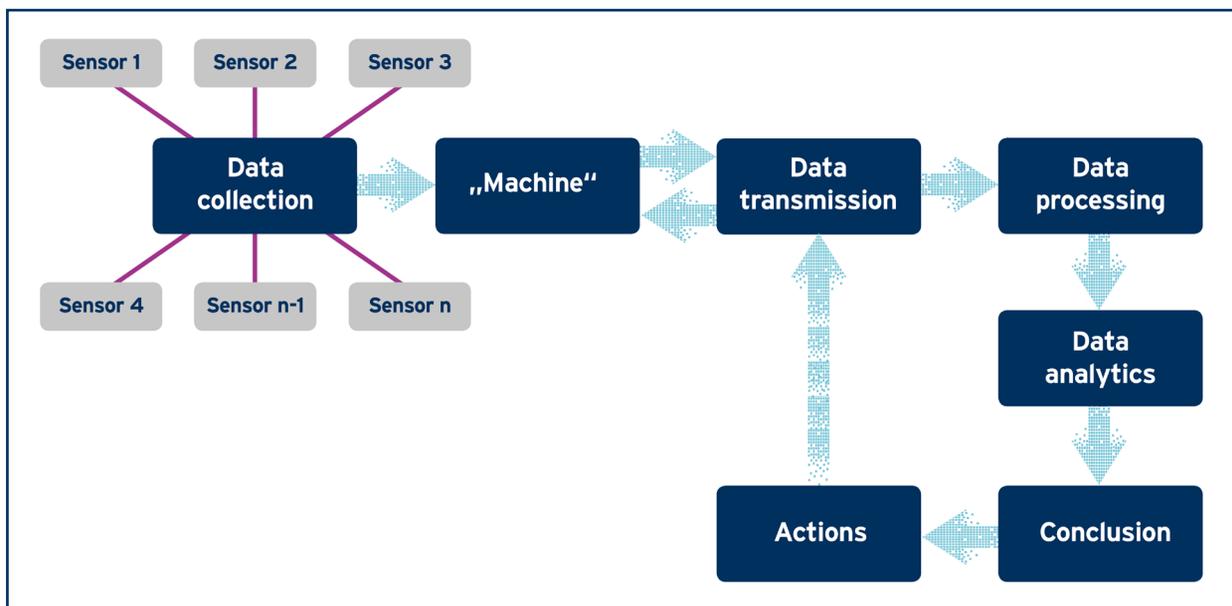


# NUMBER 1 PARTNER

## End-to-End solutions for the next generation cellular network

Atlantik Elektronik is your End-to-End 5G Solution provider: from sensors to cloud and back. While sensors are gathering important data of the local environment and sending it to a kind of “Machine”, the data will be transferred via a data pipeline (copper, fibre optic, air interface) to a data base. There it will be processed and analyzed. The outcome of the analytics will end up in a conclusion which may also trigger an action to be fed back to the “Machine”. The loop is closed and control of the whole solution is given.

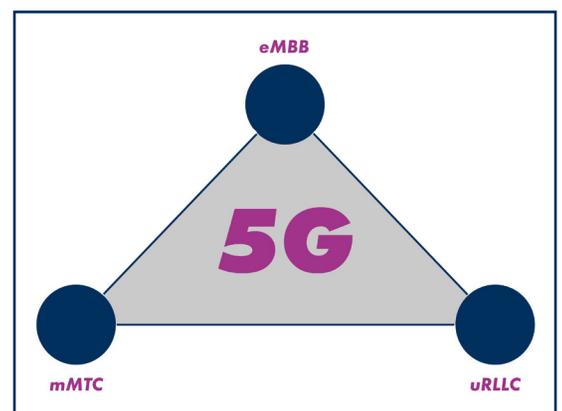


Atlantik 5G Qualcomm Snapdragon based Technologies include solutions for the three key requirements of next generation cellular connectivity.

**Enhanced Mobile Broad Band (eMBB)** addresses the need for increasing data by providing higher data rates, increased traffic density and high speed (movement) access. Applications: Fix/mobile wireless access, Router, Gateway, VR/AR, UHD video, smart cameras, in vehicle infotainment.

**Ultra-Reliable Low Latency Communication (uRLLC)** solves the need for reliability, security and time critical communications Applications: V2x, remote operation, factory lines and automation, gaming, smart grid, drones, health care etc.

**Massive Machine Type Communication (mMTC)** provides a mix of Technologies (GSM, LoRa, ZigBee, WLAN, BT, LTE NB-IoT and Cat-M,...) for use cases where the massive connectivity is the key service requirement Applications: Sensors, tracking, smart metering, smart city, process monitoring.



# ATLANTIK 5G HOUSE

1 - The right antenna for the right modem



2 - Main communication components



3 - Sensors, ToF-cameras



4 - Cloud



5 - Test and measuring equipment



6 - Connectors and customized wiring



7 - HW- / SW design support

ATE 5G Development Kit

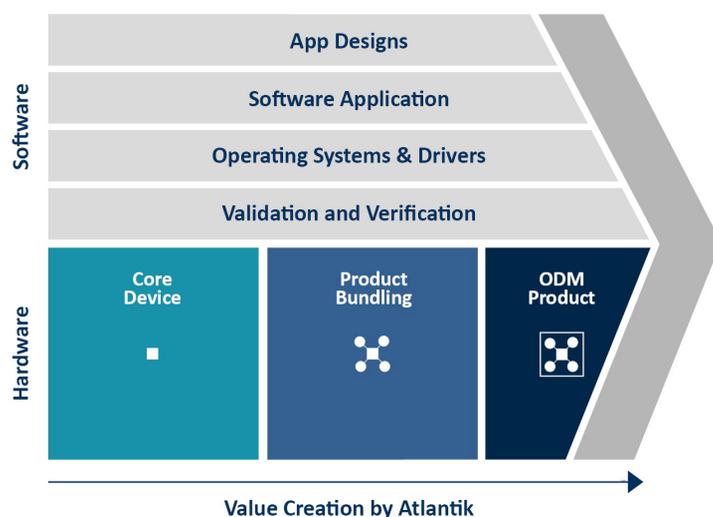


8 - PR & Training - Workshops, seminars,  
one-to-one consulting



## ABOUT US

**Atlantik Elektronik** is a leading marketer of technology, and an expert in design-in of innovative semiconductor products and semiconductor solutions. As a provider of solutions, the company offers a range of services and products that deliver benefit to customers along their entire value chain. We design technical concepts, plan projects, develop bespoke hardware and software and help our customers with their production.



### **Distribution of "Core Devices"**

*Chips, system on chips, modules, single board computer, router and gateways*

### **Development, Realization and Distribution of "Product Bundlings"**

*Combination and integration of various technologies for processing, visualization, image capturing, audio, sensing and Wireless and Wired connectivity*

### **Development, Realization and Distribution of „ODM Products“**

*Complete solutions including certifications, tests, production and logistics*

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