



For devices
and systems /
expertise /
network

Range of Services

For devices and systems / expertise / network

The success of an IoT project is preceded by a solid analysis and subsequent definition of a digital business model. Here, the focus must be on the benefits provided by the solution for the user. We provide intensive support during this phase.

The higher the number of networked devices in an IIoT application, the more significant the device price for an edge gateway or an embedded overall solution becomes. Or a complete embedded solution. We consult, specify and develop price-sensitive IoT components for use in devices and systems.

These devices, which are tailor-made to meet individual requirements, enable the use of IoT devices due to their small design, low energy consumption and industrial temperature range, these devices can be used in a wide variety of industries, such as logistics, medical technology or vending machines.

All devices on the Internet must meet high safety standards and be kept up to date throughout their service life. Therefore we implement a SecureOS on all our units, which we keep up-to-date and secure over the lifecycle of the devices.

The selection of the best telecom provider, the appropriate tariff as well as the management of all mobile devices are also part of our services.

Consulting

- ▶ Analysis of the digital business model
- ▶ Definition of the individual requirements for hardware and software, preparation of specifications
- ▶ Definition of individual requirements for services, device management and mobile network provider
- ▶ Decision on use of own products or individual product development
- ▶ Specification Creation of hardware and software concept, creation of functional specifications
- ▶ Specification of the device/mechanics concept, creation of functional specifications
- ▶ Specification of services, lifecycle management, creation of functional specifications

Development

- ▶ Development of price-sensitive IoT components, embedded hardware, control components
- ▶ Deployment and implementation of: SecureOS, Real-time software, Application programming, Visualization, CODESYS®

Services

- ▶ Implementation Device Management
- ▶ Implementation Security / Certificate Handling
- ▶ Implementation Lifecycle Management
- ▶ Selection of mobile services
- ▶ Software support

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