



Bechtle Control Suite: From practice for practice.

With the IoT-based Bechtle Control Suite, you can make efficient use of digitalisation and automation - without great effort, at moderate costs, and scalable to your company. Address personnel bottlenecks and process optimisations in a sustainable manner and gain time for the essentials.

From fully automated temperature monitoring with alarms to a central web platform with a transparent view of all assets to automatic evaluations: The Control Suite developed by Bechtle offers you an all-round carefree package to reduce resource bottlenecks and complexity and to gain more transparency and control. Using the highly automated IoT application makes your business more efficient and eliminates manual and administrative efforts.

With the modular and flexible Bechtle Control Suite, it is possible to integrate different sensors. In addition to the automatic control & monitoring of the temperature in medicine cabinets, the following functionalities would also be conceivable:

- Permanently check the air quality in rooms.
- Detection of window openings for the purpose of regulating temperature or CO2 emissions.
- Application of panic buttons.

THIS IS HOW IT WORKS.

The Bechtle Control Suite is a central IoT solution operated by Bechtle that takes care of data generation and the forwarding and evaluation of sensor data. The solution consists of field-proven sensors, an easy-to-set-up LoRaWAN infrastructure and the Bechtle Control Suite. The Control Suite is operated in the cloud and is therefore highly available. By means of the scalable infrastructure, one is able to map several use cases.

IT'S YOUR GAIN.

With the Bechtle Control Suite, you can only win. If you also enrich the solution with Bechtle 360° Services, we will professionally maintain and operate the product for you.



Relieving the burden
on staff.



Automation in many
processes.



Increased economic
efficiency & sustainability.



Better overview of
the measured areas.



Further information:
[bechtle.ch](https://www.bechtle.ch)

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Today and tomorrow.

BECHTLE

AUTOMATED TEMPERATURE MONITORING.

The Bechtle Control Suite can be used to monitor temperatures in rooms or also in, for example, medical and refrigeration cabinets. The aim of the solution is to achieve an administrative relief for the staff in the area of temperature controls. Today's temperature measurements are often made using temperature loggers, which have to be read out manually and may have to be replaced annually. Your employees thus have a considerable (additional) effort, not only for handling, but also for checking and recording the temperature data. The temperature logger is replaced once a year. This is neither economical nor sustainable, which is precisely why we have developed the Bechtle Control Suite for our customers.

OUR SOLUTION - YOUR ADDED VALUE.

Compared to other platforms, the Bechtle Control Suite stands out in particular due to its optimal operability and scalability. Thanks to the standardised development method, we can realise and integrate functions tailored to your needs. Our solution is characterised by the following features:

Platform / Application.

- User-friendliness & multi-client capability
- Easy integration of the temperature sensors via QR code
- Simple and fast integration of new gateways
- Comprehensive reporting
- Monitoring (gateways / sensors and the IoT platform)
- Alarm via sensor/gateway - states via e-mail

Gateways / Sensors.

- Gateway / sensor connectivity based on LoRaWAN technology
- Integration via local network (LAN/WLAN) or LTE possible
- High-precision Swiss sensor technology of the highest quality
- Sustainability sensors: logger battery life 4-10 years
- Secure transmission of data from the sensor directly into the IoT platform
- Manual control/interaction with sensors is no longer necessary

COST SUMMARY.

Bechtle Schweiz AG provides you with a functional, highly available platform at a moderate price. Pricing includes investment costs (hardware & software, workshops) as well as recurring costs (licences, support & operation). If required and interested, we also offer a 360 degree service.

Initial costs.

The initial costs are project costs that include investments for hardware, software and services. Relevant components can be:

- Hardware for gateways and sensors
- Flat-rate services (e.g. project management, provision of platform and LoRa network, training)
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Recurring costs.

The running costs are monthly licence fees and services such as:

- Bechtle Control Suite licences (per sensor)
- Gradations 10, 25, 50, 100, 250, 500 or 1000 sensors
- Bechtle Services Support & Operations
- Service Level Agreement & Operating Services
- Monitoring of the platform (incl. sensors and gateways)

Bechtle Schweiz AG

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