Smart Connectivity, Reliable Monitoring, Instant Alerts – IoT Solution for Operational Infrastructure

Bayer AG

Bayer is a global enterprise with core competencies in the life science fields of health care and agriculture.

“At Bayer, we are convinced that the power of human ingenuity can shape the future of agriculture. For more than 150 years, we have been using science and imagination to drive progress in health and nutrition. Together, we can achieve even more.”

The Solution

Individually selected and configured monitoring solution for Bayer Crop Science – from sensor selection and intelligent alerting to installation and operation of the solution as a Fully Managed Service for use cases such as:

- Condition monitoring for large ventilation systems
- Monitoring of climate conditions for plant and insect breeding
- Indoor air, leakage and access monitoring for facility management



Image: Bayer AG Research Campus Monheim

“From the careful selection of sensors to the seamless visualization and alerting – every phase of our collaboration was marked by commitment and innovation. We particularly valued the fast and successful implementation of the tailored solutions and the ongoing support that enables us to respond flexibly to new challenges. 2kai has given us lasting confidence that together we can overcome any hurdle – today and in the future.”

Hans-Christian Kesper, Plant Technical Manager

Why 2kai?

Hans-Christian Kesper, Plant Technical Manager at Bayer AG:
“In our search for a partner for our digital transformation – a sustainable investment in the future of our engineering operations – we found in **2kai** exactly the companion who shares our vision and delivers solutions. Their extensive expertise and deep understanding of our requirements, e.g. for IoT-based condition monitoring, impressed us from the very beginning.”

What sets 2kai apart:

- A team of engineers and computer scientists – we see tasks from our customers’ perspective and speak the language of decision-makers in industry
- Very fast implementation – in 6 weeks from the joint concept phase to the operational solution
- Seamless OT/IT integration into existing solutions

Key Facts:

Fast, cost-effective, customer-specific design and commissioning of wireless turnkey solutions for monitoring operational infrastructure

- Turnkey solution from a single source – from concept to operation
- Continuous remote monitoring of all components of customer solutions ensures high availability
- Provision of measurement data histories and alerts, also via mobile app
- Adjustment of alarm thresholds and individual escalation mechanisms for alarm situations, also via mobile app
- No need to use corporate IT infrastructure, enabling fast commissioning
- Preparation and support of IT security assessments
- Handling of all necessary documentation tasks

2kai - We make it happen –
We integrate industrial OT, IoT and IT into single-source solutions.

2kai – to know about it.

Phone: +49 (0) 5331 67 939 91

Email: info@2kai.eu
www.2kai.eu

© 2022 tecera GmbH