Digital Services for Valves in the Water Industry

Wilhelm Ewe GmbH & Co. KG

“With us, you get not only high-quality, reliable valves for operating your supply network, but also the matching accessories.
As a company specializing in the manufacture of service connection valves for water, gas and wastewater, we offer customizable complete solutions to meet your requirements. Our valves meet the safety requirements of water and gas supply, comply with standards and regulations, approvals and inspections, and satisfy the highest quality demands.

Expanding our successful product portfolio for the water industry with digital services is a high priority at EWE.”

https://www.ewe-armaturen.de/service/ewe-next-1

EWE NEXT - Onward to the Next Era

Digitalization and intelligent functions are playing an ever greater role in water supply, too. With its NEXT valve solutions, EWE Armaturen is taking this path. Monitoring, controlling and managing the status and consumption data of remote or hard-to-reach valves?

- Control the commissioning of the devices
- Set up access permissions
- Configure limit values for alerts by email
- Keep track of your NEXT devices on the street map at all times; sensor values are displayed in a real-time chart.
- Data is transmitted via the LoRaWAN, LTE-M or NB-IoT wireless standards

“Through all the challenges of digitalizing our EWE NEXT products, 2kai was a competent and agile project partner at our side, helping us to make our portfolio even more attractive to our customers within a short time.”

Sascha Barkowski (Product Management, EWE Armaturen)



Collaboration with 2kai

On the road to digitalizing products, medium-sized companies in particular face many new challenges. In addition to developing smart sensor systems and the associated microelectronics, software components for the new services have to be developed and provided to customers as cloud services with the appropriate user interfaces.

2kai contributed in particular through:

- Support during the concept phase
- Development of functional prototypes for mechatronic components, incl. wireless and sensor solutions
- Development and operation of the necessary cloud services for a large device fleet
- Development of the end-user interfaces, incl. the map view for locating installed EWE NEXT devices

Why 2kai?

- A team of engineers and computer scientists – we see tasks from our customers’ perspective and speak the language of decision-makers in medium-sized companies.
- With 2kai, you have **a partner for all aspects of the digitalization** of your products – from mechatronics and software development to building and operating cloud solutions for large device fleets.
- Low-threshold entry into digitalization projects:
  - agile, cost-effective pilot applications to quickly spark your customers’ interest
  - a scalable design enables continuous expansion with low start-up costs

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

2kai – to know about it.

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