



SIEMENS

Ingenuity for life

Process engineering on a sound footing

KIMA develops custom applications for a wide range of production and process engineering workflows.

siemens.com/water

Employees at KIMA have turned their hobby into a career. They are experts in the relevant electrical engineering disciplines and, at the same time, recognize the individual and specific requirements of the water and wastewater industry. From planning and production at their own switchgear manufacturing location, programming, right through to installation and commissioning, KIMA customers receive all services from a single source. In addition to installing new systems, KIMA is also modernizing a growing number of older process control systems during ongoing operation. Particular attention is paid here to IT security. KIMA has been implementing control systems within the field of critical infrastructure for many years now and is itself certified in accordance with ISO 27001!

The base for end-to-end automation

At the waterworks of a community supplier in North Rhine-Westphalia that serves a population of 60,000, KIMA undertook the replacement of the redundant PLC system, parts of which were designated as high-availability, and laid the foundation for an integrated Siemens automation system covering the areas of drinking water, gas supply and wastewater. The brand-new operation and control center at the waterworks comprises a redundant Siemens WinCC server-client system, as well as telecontrol systems (SINAUT and ST7cc) for the remote stations. In addition, the alarm and remote access systems for the standby team were renewed, a new long-term archiving and reporting system based on a WinCC add-on was introduced, and an extensive IT security concept was developed that can now be used to test the regular import of virus definitions and updates. The system operator also benefits from open KIMA WinCC / STEP 7 diagnostics functionalities for all drives and measuring points. The customer is impressed with the integrated Siemens system solution at the waterworks. Following on from this, KIMA also equipped the customer's wastewater treatment plant (serving 100,000 people) with the same system and user software as the waterworks. At the same time, as a Siemens PCS 7 Partner, KIMA also relies on the "Industry Library." For a regional supplier serving 300,000 people, KIMA also equipped several waterworks with two redundant PCS 7 multi-client systems.

Location: Gronau, Germany
Employees: 105
Founded: 1987
www.kima.de

KIMA
Automati-
sierung GmbH



KIMA WaterCON

Certified Industry Partner, Water

