

Endress+Hauser Exhibits Water & Wastewater Offering at WEFTEC

Endress+Hauser will be exhibiting with its Strategic Alliance Partner, Rockwell Automation, in joint booth 2851/2951, in New Orleans from September 29 through October 3, 2018 at WEFTEC.

September 15, 2018—Endress+Hauser will exhibit its latest developments in instrumentation, services and solutions including optimized maintenance programs for the water and wastewater (W&WW) industry at the WEFTEC show in New Orleans from September 29 to October 3, 2018 at Booth 2851.

As a leading supplier of instrumentation to the W&WW industry, Endress+Hauser also provides services and solutions around those products. These services and solutions include installed base analysis to identify critical control points; cost efficient, optimized maintenance routines through self-diagnostic functions; and precise measurement and intelligent control solutions for an optimized dosage of chemical agents.

One of the most recent significant developments in the W&WW industry is the adoption by Endress+Hauser of Heartbeat Technology. Heartbeat Technology in measurement devices organizes clear, standardized diagnostic messages that provide precise instructions for maintenance. Heartbeat Technology offers in-line device verification without process interruption and can provide customers the ability to print reports. This enables predictive maintenance and delivers evidence for operational reliability and process safety.

Endress+Hauser's Micropilot FMR10/20 compact radar, designed specifically for the W&WW and utility industries, provides continuous non-contact level and flow measurement. From lift stations to open channel flow to chemical totes and general water treatment applications, the FMR10/20 can truly be used in simple and challenging applications throughout the industries. A simple and wireless commissioning process is possible via Bluetooth® or with remote display. While connected to the SmartBlue App on an iPhone or Android via Bluetooth, real-time diagnostics are available to configure and evaluate the process variable.

Endress+Hauser will show its Liquiline analyzer products—the Liquiline CA80AM ammonium analyzer and CA80TP total phosphorus analyzer. All meet EPA regulations and optimize water treatment processes.

To help explain why such analyzers are needed and how they can best be used, Endress+Hauser will demonstrate the analyzers in mobile session 531 on Wednesday, October 3rd, from 9:00-10:30 a.m., session title: "Nutrient Monitoring Technology for Wastewater." There is no advance registration for the mobile session, all information is relayed via the WEF Events app.

Endress+Hauser will also showcase flow, pressure and temperature product lines in the booth. Visit the booth to learn more.

About Endress+Hauser in the U.S.

Endress+Hauser is a global leader in measurement instrumentation, services and solutions for industrial process engineering. Endress+Hauser provides sensors, instruments, systems and services for level, flow, pressure and temperature measurement as well as analytics and data acquisition. We work closely with the chemical, petrochemical, food & beverage, oil & gas, water & wastewater, power & energy, life science, primaries & metal, renewable energies, pulp & paper and shipbuilding industries. Endress+Hauser supports its customers in optimizing their processes in terms of reliability, safety, economic efficiency and environmental impact. The Group employs 13,299 personnel worldwide and generated more than 2.2 billion dollars in 2017.

Contact: Sara Fisk Marketing Communications Manager Endress+Hauser 2350 Endress Place, Greenwood, IN 46143 Phone: 317-535-2108 sara.fisk@us.endress.com www.us.endress.com

The Endress+Hauser Group

Endress+Hauser is a global leader in measurement instrumentation, services and solutions for industrial process engineering. The Group employs more than 13,299 personnel across the globe, generating net sales of more than 2.2 billion euros in 2017.

Structure

With dedicated sales centers and a strong network of partners, Endress+Hauser guarantees competent worldwide support. Our production centers in 12 countries meet customers' needs and requirements quickly and effectively. The Group is managed and coordinated by a holding company in Reinach, Switzerland. As a successful family-owned business, Endress+Hauser is set for continued independence and self-reliance.

Products

Endress+Hauser provides sensors, instruments, systems and services for level, flow, pressure and temperature measurement as well as analytics and data acquisition. The company supports customers with automation engineering, logistics and IT services and solutions. Our products set standards in quality and technology.

Industries

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History

Founded in 1953 by Georg H Endress and Ludwig Hauser, Endress+Hauser has been solely owned by the Endress family since 1975. The Group has developed from a specialist in level measurement to a provider of complete solutions for industrial measuring technology and automation, with constant expansion into new territories and markets.



Endress+Hauser Introduces Field Xpert SMT70 Tablet PC

Rugged tablet PC is ideal for commissioning and maintaining field instruments in hazardous and non-hazardous locations.

January 4, 2018—Endress+Hauser introduces the Field Xpert SMT70, a rugged tablet PC for commissioning and maintenance staff to manage field instruments and document the work progress. The tablet comes preinstalled with DeviceCare device configuration software and device library —so it is ready to go, right out of the box.

The Field Xpert SMT70 supports HART, PROFIBUS DP/PA, FOUNDATION Fieldbus, Modbus, CDI and Endress+Hauser service interfaces. It can connect to field instrumentation devices directly via a USB or Bluetooth wireless modem, or via a gateway, remote I/O or multiplexer to a bus system.

The Field Xpert device library has more than 2,700 pre-installed device and communication drivers, allowing it to work with many different instruments from a wide variety of vendors. The drivers can be used to communicate with virtually all HART and FOUNDATION Fieldbus devices, and additional device drivers (DTMs) can be easily installed if required. Generic HART DTM and PROFIBUS profile DTMs also enable communication with field devices using these protocols.

The Field Xpert SMT70, therefore, works with virtually every modern field instrument with "One Click Connectivity." To connect the Field Xpert SMT70 to a HART flowmeter, for example, the operator simply clicks on the app, which then prompts the user to select Automatic Cconnection and the app connects to the instrument, and the tablet is ready to perform diagnostics, configurations or commissioning with the built-in device configuration software. The tablet also supports Endress+Hauser Heartbeat Technology and FieldCare instrument diagnostic and monitoring functions.

The tablet PC has Windows 10 Pro software installed. It comes with an 11.6 inch Multitouch HD display, a 5MP auto focus camera, a 2MP front facing camera, and up to 256 GB storage. Communication ports and supported networks include USB, Ethernet, HDMI, Wi-Fi and Bluetooth—with 4G LTE and GPS available as an option. The battery runtime is 14 hours. The tablet comes in a general purpose configuration as well hazardous area configuration for Class 1, Division 2 Groups A,B,C,D, T4 and Class 1, Zone 2, Groups IIC, T4

For more information visit www.us.endress.com/SMT70

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For further information, please visit www.endress.com/media-center or www.endress.com.

The Endress+Hauser Group A strong partner worldwide

Key figures (2017)

- Net sales: 2.241 billion euros
- Net income: 212 million euros
- Equity ratio: 70%
- Employees: 13,299

Company structure

- Swiss-based family company, founded in 1953
- 136 companies in 47 countries, overseen by a holding company in Reinach, Switzerland
- Sales and support in more than 125 countries
- Production in Brazil, China, the Czech Republic, France, Germany, India, Italy, Japan, South Africa, Switzerland, the United Kingdom and the United States

Business areas

- Process automation: products, services and solutions for flow, level, pressure and temperature measurement, process analysis and data management
- Laboratory automation: analytical instruments and bioanalytical systems (under the Analytik Jena brand)

Core industries

- Chemical
- Food & beverage
- Life sciences
- Oil & gas
- Power & energy
- Primaries & metal
- Water & wastewater





CEO Matthias Altendorf

Endress+Hauser's head offices in Reinach, Switzerland

Endress+Hauser has been a reliable partner for the process industry for 65 years. We provide comprehensive support to our customers, from the laboratory to the process.

Our core expertise lies in the fields of process instrumentation and laboratory analysis. With our products, solutions and services, we help our customers design safe, reliable, efficient and economically friendly processes across the entire life cycle. Our customers value our deep understanding of their applications and the special requirements of their industry.

We maintain a close presence to our customers worldwide. With a dense network of our own sales centers, plus select representatives, we guarantee competent support around the globe. Production centers on four continents ensure fast and flexible delivery to our customers, wherever they are located.

Endress+Hauser was founded in 1953 by Swiss engineer Georg H Endress and German banker Ludwig Hauser. The Endress family, the sole shareholder since 1975, plays an influential role in the company's development to this day. And it has a stated objective: Endress+Hauser shall remain a successful family company.

Comprehensive knowledge

Innovative, trendsetting technologies have been the driving force of our company since its origin. We recently strengthened our process analytical business with several acquisitions and established laboratory analysis as a new business area with the takeover of Analytik Jena. The breadth and depth of our offering is unique in the industry.





In the search for solutions, the customers' needs come first.

What moves Endress+Hauser

As a family-owned company we act responsibly. We treat our customers, employees and shareholders as partners. Internal and external cooperation is influenced by a strong corporate culture set down in the Spirit of Endress+Hauser. This culture helps us attract and establish long-term bonds with the best employees around the world.

As an employer, Endress+Hauser provides an environment in which people come first. Performance-based compensation, above-average social benefits, the freedom to develop, recognition for good work and attention to all concerns reflect the trust and confidence that Endress+Hauser has in its employees.

Sustainable development For us, profit is not the ultimate aim, but the result of good management. We place a high value on being financially solid. The bulk of our earnings are reinvested in the company to ensure our continued success and independence.

Spirit of Endress+Hauser

Key principles

- We serve our customers and learn from them
- We remain a family company
- We cultivate an atmosphere of trust
- Quality first
- Loyalty and corporate social responsibility are core values
- We communicate openly and in a constructive manner
- We learn from mistakes

Leadership

- We lead by setting examples
- We challenge and support our employees
- We encourage individual development
- We cultivate team spirit
- We give recognition

People

- We are modest
- We live up to our convictions
- We never give up
- We work well together
- We are friendly to each other
- We put common interest before self-interest
- We encourage diversity

Priorities

- Our work is important to our customers
- We behave ethically
- Evolution, not revolution
- Doing the same things the same way, and right from the beginning
- We solve problems at their source
- We trust people with responsibility
- Profit is the result of doing well and not the target

Contact

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Endress+Hauser USA Your global partner

Key figures (2017)

- Net sales: 2.241 billion euros
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- Employees: 13,299

Presence in the U.S.

- 2017 Sales in U.S. more than \$311 million
- 286 U.S. Sales Center employees
- Production Centers in the U.S. for flow, level, pressure, temperature, and liquid and gas analytics
- 10 Process Training Units (PTU[®]s) for hands-on training in a mini-plant environment
- Partnerships with local manufacturers' representatives to provide sales support for our customers locally
- Network of Authorized Service Providers for local support

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Core industries

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- Food & beverage
- Life sciences
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- Power & energy
- Primaries & metal
- Water & wastewater





General Manager Todd Lucey Endress+Hauser, Inc

Endress+Hauser, Inc. Customer Center in Greenwood, IN

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USA

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competences

Water & Wastewater: Increase your efficiency and ensure compliance

Water is our life

i iii





Your challenges are our mission

Our founder George Endress always used to say: "First serve, then earn!" By that he meant, we must meet the challenges of our customers to be successful. This mantra still leads us today. That's why our offering of products, solutions and services is targeted towards your specific challenges. In the water and wastewater industry, three challenging topics come to mind: water safety, plant efficiency and project optimization.

Water is essential for all life. That's why it is so important to have access to clean and safe water. However, this is not a matter of course for everybody. The World Health Organization (WHO) estimates that 2.1 billion people lack safe water at home. Even with water treatment processes in place, challenges for operators are growing and legislation regulations are becoming more strict. New processes such as the removal of micropollutants are becoming the standard.

Although it is the primary task of every water plant operator to ensure water safety, they also must keep the overall costs in check. This means finding ways to make their processes more efficient without compromising the safety of the treatment. And with energy becoming more and more expensive in many different countries, this means striking the balance between safety and efficiency has never been more challenging.

With regulations for water treatment becoming more demanding, the treatment processes are naturally becoming more complex, resulting in the need of tighter process control. This makes planning a new plant or modernizing an existing one more demanding as more measuring instruments have to be selected and installed. Not to mention that budgets are getting smaller and timelines shorter.



2.1 billion people globally lack safe water at home



Up to **60%** of energy within a wastewater plant is spent on aeration



30% loss of CAPEX and time in your process automation project using the traditional approach, according to project experts

Water is our life

Increase your efficiency and ensure compliance with an experienced and trusted partner

Legal demands, shrinking budgets and increasing process complexity: the challenges faced by the water & wastewater industry have never been greater. To master these challenges you need a partner who combines extensive industry knowledge and experience with an entire portfolio of products, solutions and services.

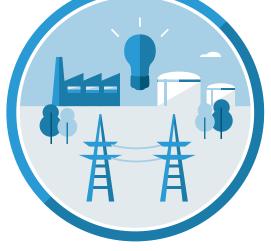
Whether you need to update your instrumentation to comply with legal requirements, improve efficiency or streamline your planning processes - rely on us and the experience we have gained working with our customers from all over the world.

Based on those experiences, we have developed our entire instrumentation portfolio with the requirements of your industry in mind. This also applies to our solutions and service offering.



Customers around the world gain a wealth of information from their processes by using our products, solutions and services

expertise?



Relying on our industry knowledge and skills, we work together with our customers to find the best solution for every application



Want to know more about our water industry Then visit us on www.endress.com/water

As a family-owned company since 1953, we are a reliable partner in every aspect - for our customers, employees and shareholders



Protect our water

Ensure legislative compliance and water safety by relying on precise instrumentation and quality management solutions.

- Complete instrumentation portfolio
- Industry expertise
- Improved risk management thanks to service solutions
- Maintenance, calibration and verification services



Pump up your efficiency

With better maintenance routines and optimized processes, you can improve your plant performance and reduce operational expenditures (OPEX) up to 30%.

- Automation solutions to reduce costs
- Optimized maintenance
- Reduced spare part costs thanks to our modular instrumentation platform



Make planning a breeze

With our entire instrumentation portfolio and certified project management skills, you will be able to streamline the engineering and designing process.

- Project management skills
- Reduced project complexity thanks to our broad portfolio
- Easy commissioning

How we can support you

From potable water to wastewater -Endress+Hauser is there for you throughout the whole lifecycle of your plant

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Protect our water

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- 2. Surveillance of critical control points (p. 8)
- 3. Membrane filtration & reverse osmosis (p. 10)
- 4. Distribution measurement (p. 11) Heartbeat Technology (p. 8) IloT - Digitization (p. 10) Commissioning and Maintenance services (p. 11)

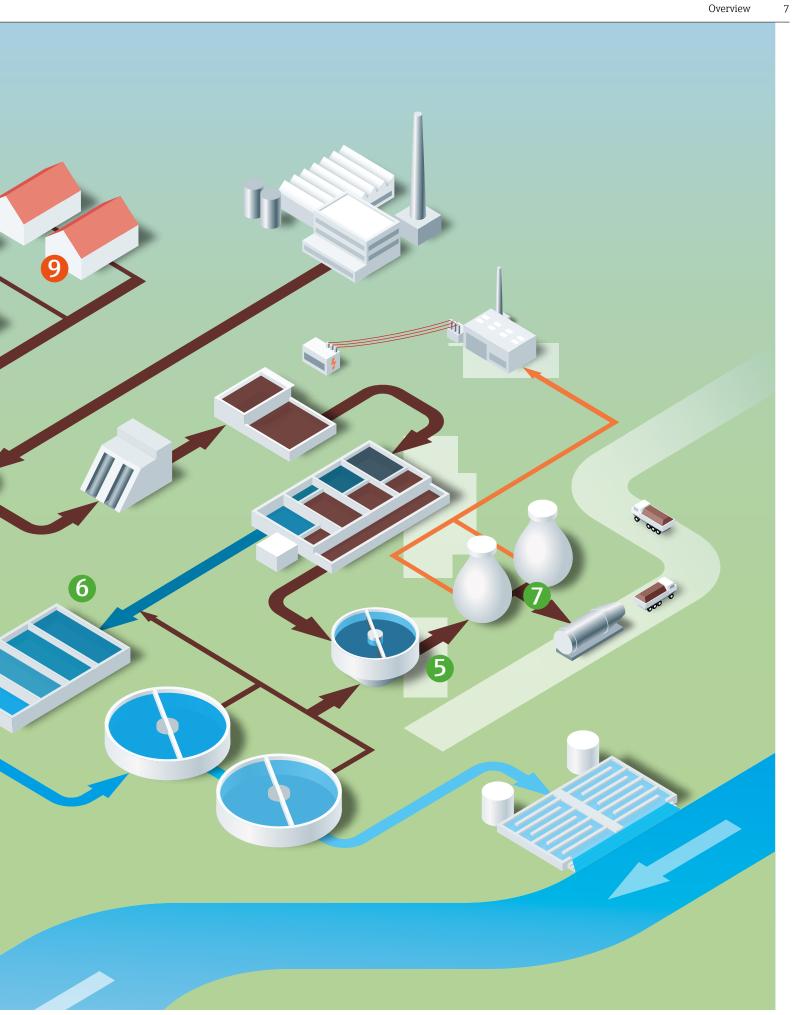
Pump up your efficiency

- 5. Sludge treatment (p. 12)
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Make planning a breeze

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Protect our water

Ensure legislative compliance and water safety by relying on precise instrumentation and quality management solutions

Surveillance of critical control points

The World Health Organization's Water Safety Plan defines various critical control **points** within the potable water treatment process that are essential for safe drinking water. These include chlorine measurement after disinfection or the inlet for membrane filtration. Thanks to our broad instrumentation portfolio, Endress+Hauser can cover all your critical control points without raising the complexity of your instrumentation. Our portfolio fulfills the requirements and regulations enforced by the World Health Organization. Document management, measuring point verification and maintenance strategies are attained thanks to online connectivity and self-diagnostic technologies, such as our Heartbeat Technology.



Heartbeat Technology

Thanks to the Heartbeat Technology, measurement points can be easily verified without interrupting your processes. As the devices continuously diagnose themselves, test cycles can be extended. The self-diagnostic functions of our instruments not only increase the reliability and safety of critical control points, but also support your documentation by automatically generated reports. These reports provide precise instructions for necessary maintenance procedures. Furthermore, the process and device parameters can be used to optimize your maintenance efforts and your processes.







Up to 12 different parameters can be measured with our container solutions for mobile and remote sampling when equipped with Memosens sensors

Monitoring water quality

To protect natural bodies of water, the effluent of wastewater treatment plants must be controlled and the water quality must be continuously monitored. This ensures the water is safe for consumption and can be utilized as a potable water resource. Endress+Hauser can offer **customer-specific panel solutions**, which include standalone measuring points with independent power supplies, remote data querying and integration of thirdparty suppliers.



More than 300 million

people rely on the water produced by desalination plants according to the International Desalination Association (IDA)

IIoT – Digitalization

The Industrial Internet of Things (IIoT) is one of the hottest topics in the water and wastewater industry right now and you can take the first step towards this digital future with Endress+Hauser. Thanks to the online connectivity of our products even difficult to reach measurement points can be monitored and calibrated easily. For a comprehensive overview, we can provide you with dashboards that visualize your most important measuring points. In connection with our smart sensors and their self-diagnostic functions, the dream of the digital water plant is already becoming a reality.



Membrane filtration & reverse osmosis

Salt water desalination, water reuse and other modern water treatment methods have benefited from the development of membrane filtration. Product safety and reliability are the two main goals in membrane filtration water treatment operations. Mechanical protection is monitored mainly by **pressure and differential pressure**. Pressure devices in this application must deliver long-term, reliable measurement with low drifts. Due to probable pressure peaks, a high pressure overload resistance is required. Scaling and fouling processes can be reduced by accurate **quality monitoring** at the inlet with our analytical panels.





Distribution measurement

To make sure there is no contamination, water quality needs to be checked in the distribution network. Endress+Hauser can offer customer-specific panel solutions to measure various quality parameters like turbidity or pH value. **Pressure and flow** measurements need to be closely monitored as well to identify potential leaks. One of the main challenges of flow measurement is recalibration. Oftentimes, calibration involves the removal of the flowmeter. This interrupts the process and increases downtime. With Heartbeat Technology embedded in the flowmeter you are able to minimize downtime. And with so many pressure measuring points in different measuring ranges, Endress+Hauser offers the perfect solution for reducing complexity and simplifying replacement part stocks.



^{48.6} billion of m³ are lost annually during water distribution according to a study done by World Bank



Commissioning and Maintenance services

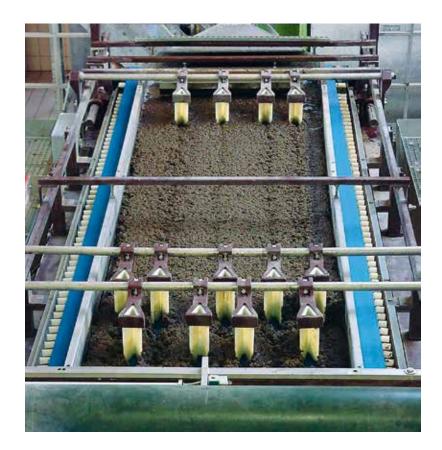
When it comes to critical control points, operators have to make sure the instrumentation is properly installed so they can rely on the measurement. All of our service experts have the necessary expertise and experience to integrate the instruments into your processes safely, ensuring compliance to regulations and standards. Once the instruments are installed, they will have to be maintained to operate accurately. Our service experts can support you with maintenance to ensure the continuous performance of your instrumentation. By relying on us, your maintenance personnel can focus on your core processes.

Pump up your efficiency

Improve your plant performance and reduce operational expenditure (OPEX) up to 30% through better maintenance routines and optimized basic processes

Sludge treatment

Sludge treatment is one of the biggest challenges the wastewater industry faces, as the disposal of sludge is expensive. Therefore, it is common practice to **dewater sludge** by conditioning it with lime milk or polymers. To optimize the consumption of chemicals, the chemical flow rate is measured as well as the solid content of the sludge, this achieves a load-based dosage. Usually, an optical sensor is used for this task. However, this does not work with very dark sludge. For these cases we recommend using a **Coriolis flowmeter**, which can measure both flow rate as well as density.

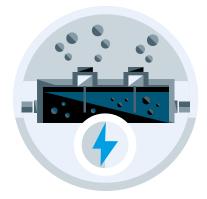




Up to 25% longer filter life thanks to better sludge dewatering results



Up to 20% of cost savings due to reduced consumption of conditioner chemicals



Up to 30% of the energy costs in a wastewater treatment plant can be saved by using our solution for aeration control

Memosens - the solution for critical measuring points

1

The Memosens technology, for liquid analysis, is based on smart-digital sensors with integrated data chips. The digitalization of the raw data in the sensor's head makes it possible to achieve stable measurement and reliable data transfer, regardless of external factors, such as moisture and dirt, that may be an influence. The data chip in the sensor head stores all relevant, sensor-specific information such as calibration data and history. Therefore, calibrating the sensor can be done under optimum conditions in the laboratory and they can be regenerated. This simplifies calibration and lengthens the sensor's service life.





Optimization of biological treatment

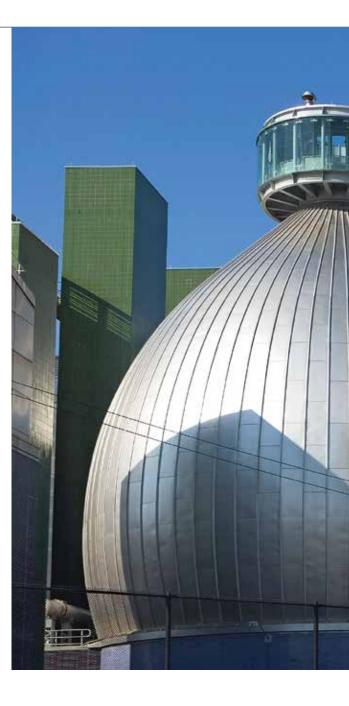
The biological stage of wastewater treatment, which includes **aeration and phosphate precipitation**, has become a standard in many treatment plants. It also offers major potential for cost optimization. For example, up to 60% of the total energy consumed is spent on the aeration process. These costs can be lowered by using a **load-dependent control ap-proach** without endangering effluent quality. We offer a PLC solution that optimizes the operation of the blower according to oxygen and nitrogen values. It also controls the precipitant dosing pumps based on the load which leads to reduced expenditures on chemicals. This solution can be easily integrated and is very flexible. As a Main Instrumentation Vendor (MIV) we can provide you with all necessary sensors.

Digester tank control

Digesting sludge in tanks not only reduces the amount of sludge but also produces **biogas** which can be used as an energy source. However, process control is difficult because of the challenging conditions. Foam, for example, must be avoided to prevent downtime but is hard to detect. We recommend using two level devices: one hydrostatic sensor that measures the water column from the ground up and one radar sensor that detects the surface from the top down. In the event of foam generation there is a difference between the two values and anti-foam measures can be implemented. Another challenge is measuring the methane content upstream which is the first indicator for the anaerobic process. Because of the wetness of the biogas detecting the methane has been very difficult in the past. With our **ultrasonic** flowmeter methane can be safely and reliably recognized.



Our services for safe and efficient processes Our dedication towards improving your processes does not end with the delivery or commissioning of a new sensor. Our worldwide service offering supports you during the whole lifecycle of your plant. Apart from quick technical support we also offer calibration and maintenance services so that you can always rely on your measurement instrumentation. Our experts can recommend maintenance routines and with innovative tools such as our lifecycle management software (W@M) or our Installed Base Analysis application can enhance maintenance service.





Our flow meters for wet biogas measure both volume flow and methane content at up to $176^\circ F$ and gas pressures of up to $145\ psi$





Always at the forefront of technological development

Endress+Hauser takes pride in being one of the most innovative companies in the process automation market. As of now we own more than 7,000 patents and patent applications. The company reinvests approximately 7% of overall sales into R&D. We also support and partner with other innovative institutions and companies. For years we have collaborated with various universities all over the world. One example is our preferred partnership with the Dutch company Royal HaskoningDHV that has developed the Nereda[®] wastewater treatment process. It purifies water using the unique features of aerobic granular biomass. It requires a quarter of the area of conventional activated sludge installations and can reduce the energy-costs by up to 50%.

Make planning a breeze

Streamline your engineering and designing processes with our instrumentation portfolio and certified project management services

Smooth execution thanks to project management expertise

Our employees can be an asset to your team for many reasons. One reason is because they are dedicated **industry experts** who are familiar with specific challenges and regulations of the water industry. Another reason is our **project management service**, based on the PMI framework, that ensures professional communication and collaboration between project stakeholders. The third reason is that early engagement, integrated teams and clear communication result in **lower costs** and **less risks** for your projects. Why? Because during the initial planning phase different technical solutions can still be discussed. This way, lastminute changes can be prevented and you can rest assured that the best-fit technology is chosen right from the beginning.



Planning tools that will make your life easier We offer intelligent tools that support you during all project phases. Starting with "Applicator", a software that helps you to quickly find the 'best fit' instrument for your task. You can access it via our website or download it to your computer. With it you can determine the most suitable product and measuring technology for your industry. It also allows you to dimension your measuring points to prepare further purchase. And our web based "W@M" portal gives you even more insights to support your engineering during the whole lifecycle. It provides you with documentation of all processes and instruments such as 2D & 3D models and hook-up drawings. The recorded engineering data will help you with commissioning and maintenance.





Reduce project complexity by relying on a Main Instrumentation Vendor (MIV)

The main challenge of project management is finalizing the project **on time** and **within budget**. But using multiple measurement instrument suppliers makes any project naturally more complex. With Endress+Hauser as a MIV all instrumentation from measurement transmitters to gauges, and accessories to services, will be provided in a comprehensive deliverable. After the project is finalized you can still rely on Endress+Hauser. The comprehensive **MIV approach** reduces the interfaces and gaps that occur during operation when having multiple suppliers. For example, you can save time thanks to documentation that is easily accessible and reduce costs with **simplified procurement**, storage and MRO processes.

References



Increasing safety efficiency in a wastewater treatment plant

Customer challenge:

The inlet of this wastewater treatment plant has variations due to industrial high load wastewater. The manual dosing of flocculants was not enough to maintain the concentration of phosphate in the outlet under the official limit of 1 mg/l P total. The customer challenge is to respect the official outlet limit of phosphate and manage the chemicals' costs efficiently.

Our solution:

The best way to reach this goal was to implement an automation system for chemical dosing which is based on phosphate measurement - in the outlet and in the inlet. The automation system (Liquicontrol-P) of Endress+Hauser measured both points:

- By using the inlet phosphate concentration the algorithm defines the "stoichiometric" quantity of flocculants.
- By using the outlet phosphate concentration a predictive regulator increases or decreases the previous quantity of flocculants in order to follow the set-point that the customer can freely define for the outlet (in our case 0.8mg/l).

Customer benefit:

- Savings of more than \$30,000/year in flocculants (PAC)
- 2% reduction of sludge production
- Even with a peak of phosphate in the inlet, the outlet was under the official limit each time



New distribution control system for water supply

Customer challenge:

The municipality of Baltschieder has two reservoirs with a total volume of 1,000m³, and a turbine house for recovering electrical energy from the flow of spring water into the reservoirs.

The local council wanted to have a modern distribution control system in order to reliably monitor and automatically record and document the water retrieved and consumed from the water facilities.

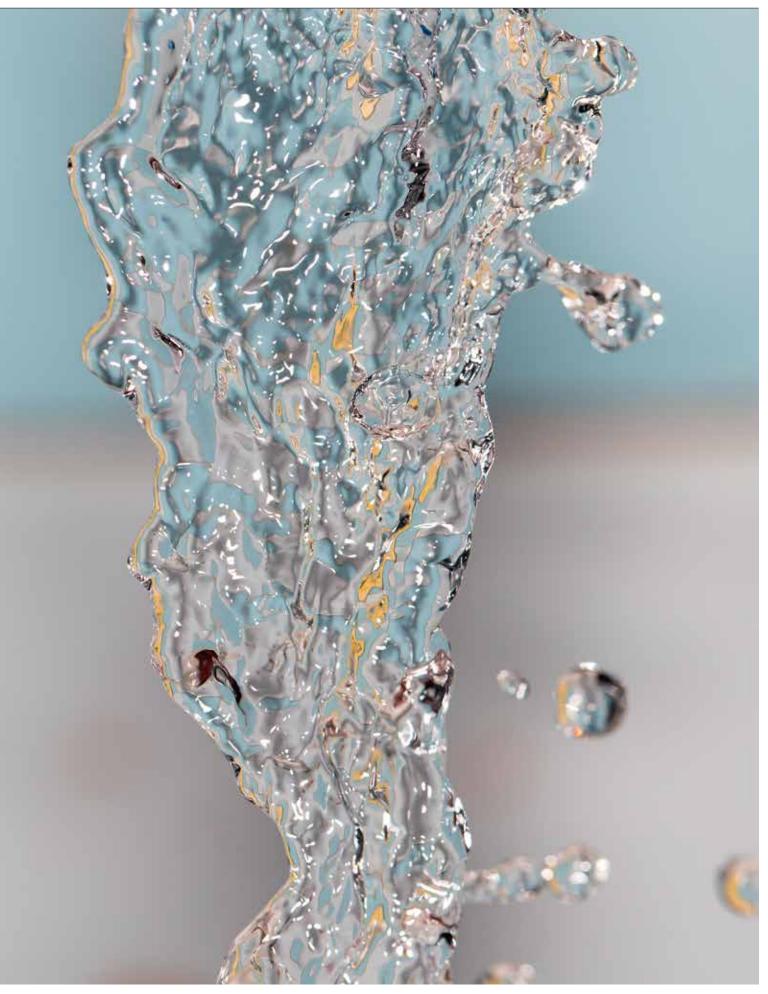
Our solution:

As a complete supplier for process automation, Endress+Hauser supplied the measurement devices, hardware and software engineering for the remote stations and the control center. Endress+Hauser also also supplied the necessary cabinets with integrated programmable logic controllers and operating panels, the commissioning, training and all required documentation.

Customer benefit:

- Precise monitoring of water catchment and consumption and reliable documentation of these values
- Information is available via the Internet and stored in a database
- Faster reaction time and overall improved efficiency

 ... and how can we help to improve your processes?
Visit us at www.endress.com/water





www.addresses.endress.com