

Customer: Östorps Bevattning AB
Country: Sweden
Solution: Ewon Netbiter & Netbiter Argos



Benefits

- Real-time data sharing via 4G to the cloud
- Optimized irrigation to improve efficiency and sustainability
- Proactive maintenance enabled by historical data



"We work with multiple sustainable water resources, and the Netbiter hardware and software play a major role in most of these projects."

PETER JOHANSSON
Product Development Director at
Östorps Bevattning.

Östorps Bevattning optimizes water capture and irrigation with Ewon Netbiter Argos

Edge connectivity and cloud-based data solutions combine to deliver a powerful monitoring interface and remote-control application for irrigation systems across agricultural, municipal, and sporting applications.

Östorps Bevattning enhances irrigation efficiency with SmartNet

Leading Swedish irrigation-technology company Östorps Bevattning AB has taken its efficient and sustainable irrigation control solutions to the next level. By deploying Netbiter edge-connectivity gateways and Argos cloud data solutions from HMS Networks' Ewon solutions range, the company has transformed the way water capture and distribution are managed.

This powerful combination of data capture, two-way communication, and secure cloud integration has enabled Östorps to develop SmartNet—an intuitive, app-based interface. SmartNet provides full visibility and control over irrigation infrastructure, allowing users to optimize pump-based systems efficiently.

Addressing water shortages with smarter irrigation

«In general, water shortages are a global issue», says Peter Johansson, Product Development Director at Östorps Bevattning AB. In many regions, including Northern Europe, shortages are cyclical, making efficient water harvesting at the right time and in the right volumes is essential.»

A major challenge is that irrigation infrastructure is often remote and widely dispersed, making site visits and wiring impractical. To solve this, Östorps uses Netbiter EC360 gateways, leveraging 4G connectivity for reliable two-way communication.



Each pump is equipped with a dedicated smart controller, ensuring optimal performance tailored to its specific application.



A smart pump equipped with an Ewon Netbiter, dedicated to an irrigation system.

Precision irrigation for diverse applications

«This level of insight and precision is crucial for many users, Peter Johansson emphasizes.

- Farmers: managing larger areas than ever before, they require water conservation strategies and scalable remote monitoring.
- Golf course groundskeepers: maintaining optimal playing surfaces demands precise and timely irrigation control.
- Industrial and municipal users: may have water usage restrictions or require detailed reporting for regulatory compliance.

“We use historical data from the hundreds of pumps we have installed and leverage operational information to develop proactive maintenance programs.”

Future innovation: data-driven maintenance and compliance

Östorps Bevattning AB plans to expand its solution by leveraging historical data from hundreds of installed pumps. These insights will drive:

- Proactive maintenance programs to reduce downtime and extend equipment lifespan
- Expanded reporting features to automate compliance documentation

«We strive to reduce the burden on our customers, making their operations smoother,» Johansson concludes. By analyzing operational data, we can develop better maintenance strategies and simplify regulatory paperwork.

Unlocking the true value of data

Raw data alone has limited value—but when collected, analyzed, and delivered in the right format, it becomes a powerful decision-making tool.

With Ewon Netbiter edge gateways and the Argos cloud platform, companies can extract maximum value from their data, optimize irrigation efficiency, and reduce operational costs through real-time monitoring and two-way control.



Learn more on www.netbiter.com

The Ewon Netbiter gateway and Argos cloud are the ideal remote monitoring solution for equipment installed in isolated locations. Thanks to industrial connectivity, it is no longer always necessary to send technicians on site to solve any problems that may arise, which drastically reduces support costs.

