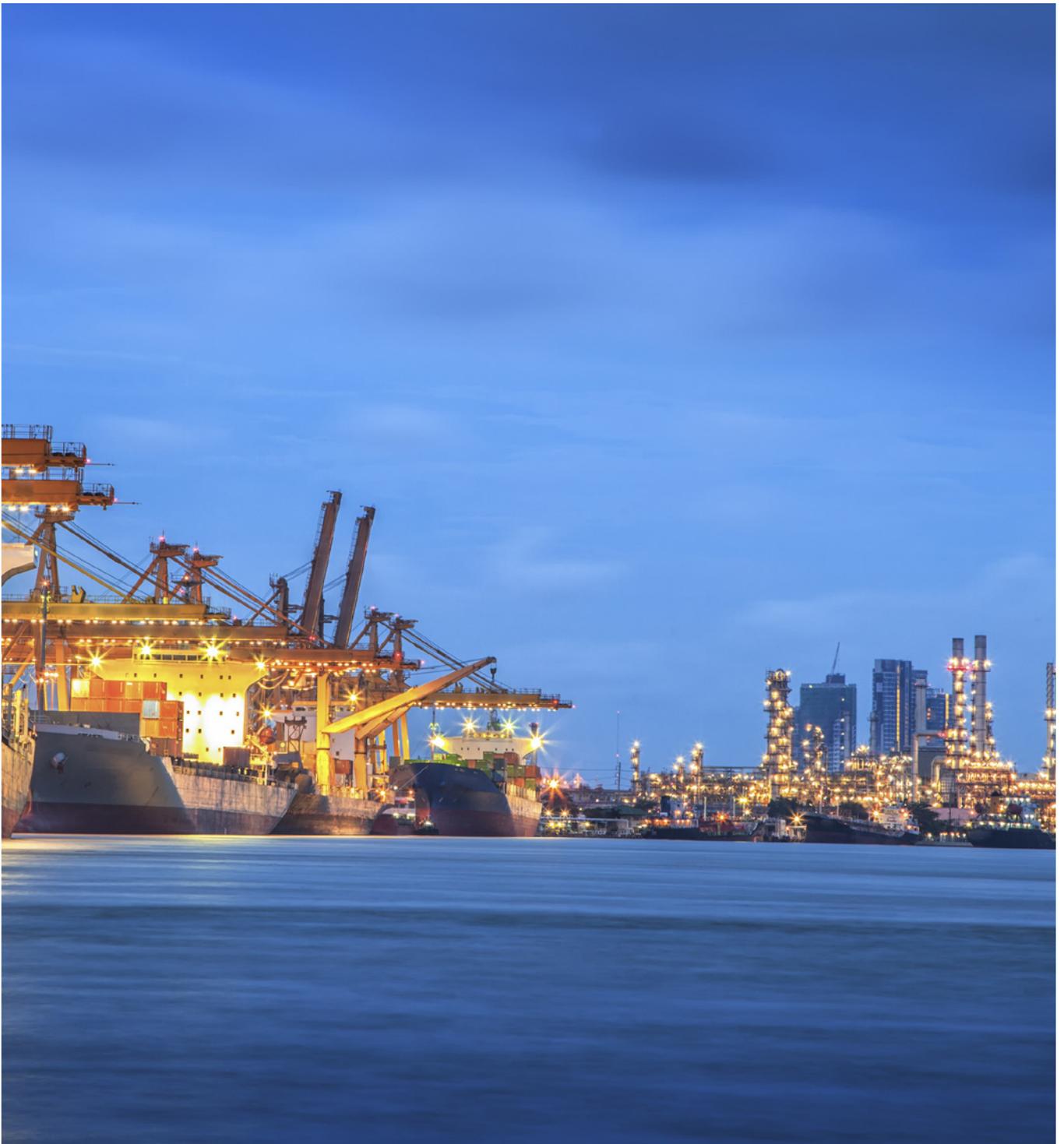
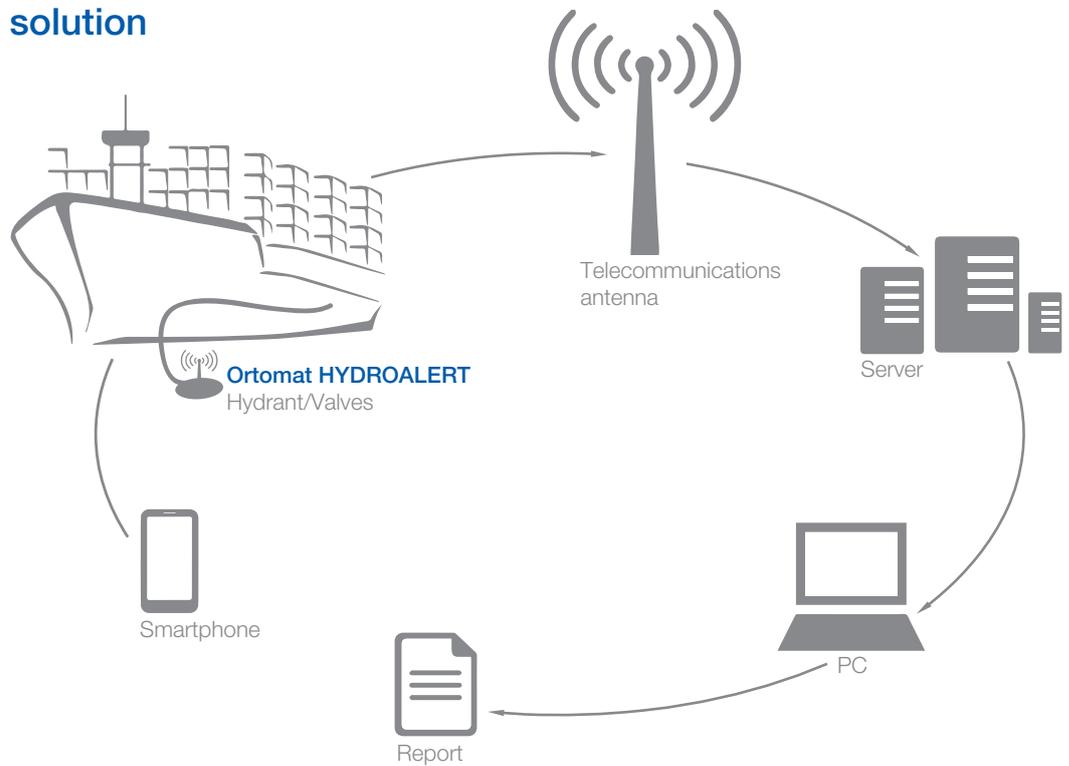


HYDROALERT MONITORING SYSTEM

Master your water management!



Our HYDROALERT solution



The first step in detecting leaks and water losses is ensuring precise measurements. From water leaks to unrecorded water, our devices Ortomat offer a range of measuring, communication and analysis solutions to help improve the condition and precision of your water network. Our software also provides a report indicating quantity, place and period.



The locally installed PC software can be synchronized with the FTP server. All withdrawals, leaks or intakes of water, are monitored «Live» (dual device function). Audio files for acoustic inspection of the measuring point can be transferred directly.

ORTOMAT-MT

Designed for applications both above water and under water (IP68), Ortomat modules record measuring data which you can access either directly on-site or via the vonRoll Web Hydroport network. Customized parameters are set for the measurements. This data is not only able to indicate current leaks or losses but also shows the dates and times these events took place.



ORTOMAT MT-C sensors locate leaks with higher accuracy. These sensors use sound waves to detect water flow and monitor the distribution system. Then they report on flow conditions via the vonRoll Hydroport Web platform. You can analyse the data to determine whether there is a leak.

ORTOMAT communication network

The Ortomat-MT provides data communication to computers via Bluetooth wireless technology and offers the option to fully automatize the communication between the device and a central read out location via an in-built 3G module. This enables leak and withdrawal alert messages to be received via a mobile phone. The system is even capable of sending messages up to four different phone numbers simultaneously. The system regularly also carries out automatic data transfer to an FTP server via 3G.



How high is your annual loss of water and revenues (NRW) due to not detectable withdrawal of water?

On average, approximately eight percent of water loss is due to theft. This can considerably strain your own resources as well as those of your company.



Benefits for you

- Makes supply companies aware of possible incidences of theft via SMS alarms and records to HYDROPORT Platform.
- Reduces loss of revenue due to untraceable withdrawal of water and its negative impact on the available resources.
- Enables you to customize and adjust your distribution system locally, providing you with significantly more overall control.
- Detects leaks in the system and improves performance of the supply.
- Improves the efficiency of operating processes and customer service.
- Enables and assists with compliance with legal requirements.
- Prevents attempts to bypass or tamper with your system in order to acquire water without paying.
- Enables costs to be invoiced (report with volume withdrawn).