

OPTIMIZE

ALWAYS INSIGHT; MAXIMUM RELIABILITY

Optimize, an innovative sensor solution for monitoring and optimizing pumps and pumping systems. With Optimize, users have instant 24/7 insight into the condition of their installations and can quickly respond to deviations. This increases the reliability of systems and helps in the efficient planning of maintenance.

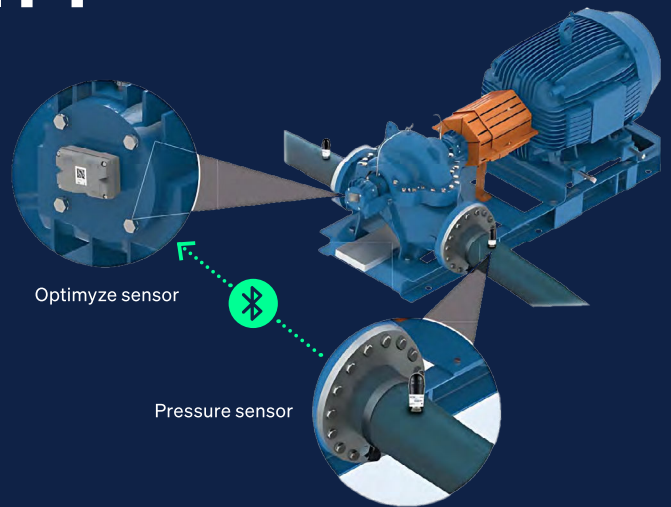
Advantages of Optimize

- **Instant 24/7 insight** into the condition of pumps and pumping systems, anytime, anywhere.
- **Fast problem detection** with instant alerts in case of anomalies.
- **Predictive maintenance** through trend and data analysis.
- **Reduced unexpected downtime** and lower maintenance costs.
- **Remote support**, minimizing the need for physical service visits.
- **Plug & play installation**, seamlessly integrating with wireless connectivity.
- **A more efficient system**, enabling energy savings through early wear detection.

Practical application and accessibility

Optimize is specifically designed for dry mounted pumps and is easy to install on both new and existing pump systems. Through an online dashboard, users always and everywhere have insight into all their pumps. The system works completely wirelessly. For added convenience, the Gateway can be deployed, which automatically sends data to the cloud and allows users to always have access to the latest data.

Optimize continuously collects and analyzes vibration, temperature and pressure from one or more pumps, providing early detection of abnormalities. Faults are displayed both on-site with an LED indicator and via Avensor, which is available as a mobile app and as a web-based tool accessible via browser.



This minimizes unexpected downtime and reduces maintenance costs. In addition, Optimize allows maintenance to be scheduled based on actual wear and performance, rather than fixed maintenance intervals. Whether it's cavitation, bearing damage or imbalance, Optimize detects it.

Predictive maintenance support

In addition to direct monitoring, Optimize also supports predictive maintenance. By continuously collecting data and analyzing trends, future failures can be accurately predicted. This prevents unexpected failures and ensures maximum efficiency and longer life of pumps and installations.

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**Smarter
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Optimize falls under Endeficial Intelligence. Endeficial Intelligence encompasses Van der Ende Group's smart technologies that make products more sustainable, efficient, and reliable.