



Alfa Laval PureSOx Connect

Data-driven services that bring new ways to save time and money

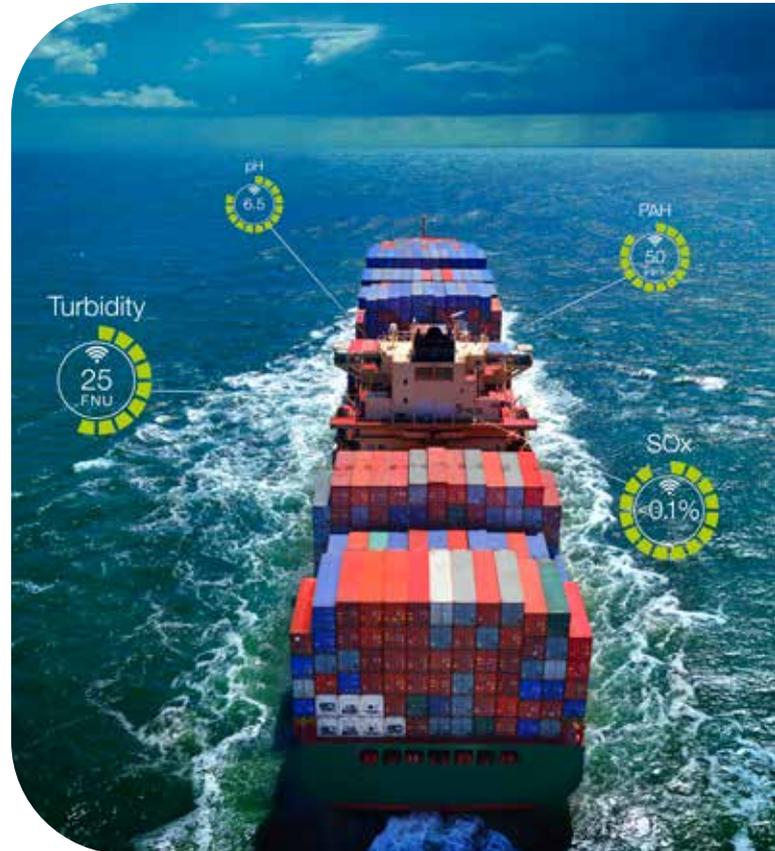
Alfa Laval PureSOx Connect is a proprietary Alfa Laval software platform. It connects your Alfa Laval PureSOx system to the Internet of Things, allowing you to reap the benefits of dynamic big data analysis.

What we do

PureSOx Connect comprises a growing portfolio of data-driven services that bring you new ways to save time and money. The platform builds on two main components: the Alfa Laval PureSOx System Recorder on board the vessel and the Alfa Laval data cloud.

The PureSOx System Recorder is a data recording and reporting device for integration with your PureSOx system. Validated with a cyber security certificate, it actively collects PureSOx system data to provide full insight into your system's performance – both now and in the future. Through PureSOx Connect, the PureSOx System Recorder also sends the data to the secure Alfa Laval cloud portal for analysis.

In its most basic form, PureSOx Connect simplifies compliance reporting on any vessel equipped with the PureSOx System Recorder. Its real strength, however, lies in applying advanced real-time analytics to the collected data. In time, such analytics will be able to predict your system's maintenance needs or warn of a potential part or system failure. Likewise, they can lead to advice for optimizing performance.



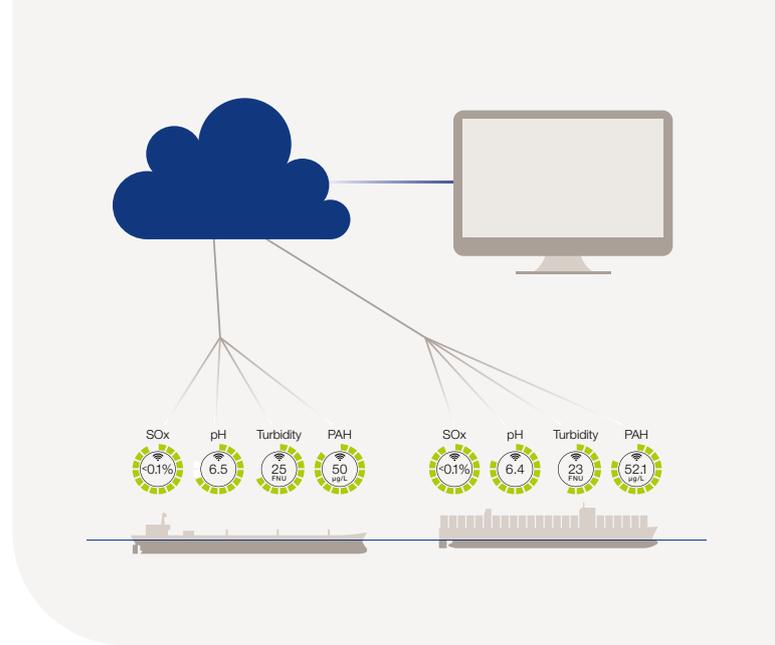
Benefits

- Easy proof of compliance through generated reports, automatically customized to local legislation
- Reduced operating costs through system optimization and prediction of required corrective actions
- Minimized risk of unscheduled repairs and downtime
- Remote access to system status, diagnostic data and performance insight
- Performance monitoring and benchmarking of vessels in your fleet
- Data-driven savings advice
- Continuous improvement of services through self-learning features and newly developed or extended predictive models

Scope of service

Accessible on a monthly subscription basis, PureSOx Connect offers the following modules:

- **Compliance** – There is no more need for complicated and time-consuming analysis of scrubber compliance data. The compliance module automatically generates localized graph-based reports, which can be handed over to the authorities directly for worry-free proof of compliance.
- **Service** – When needed, PureSOx diagnostic data can be collected and sent or accessed remotely for use by Alfa Laval engineers, providing insight into your system’s status and performance. The root causes of an alarm or system failure can be identified and analysed, potentially allowing it to be solved directly. In addition, PureSOx Connect continuously analyses your scrubber system’s performance, in order to predict any part or system failure before it actually occurs.



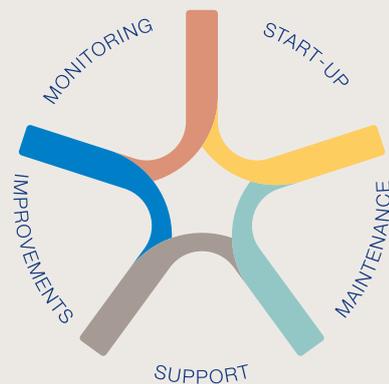
- **Benchmarking** – PureSOx Connect benchmarking features make it possible to compare the connected vessels within your fleet. They assist you in benchmarking each vessel’s PureSOx performance to reach higher levels of optimization, which reduces your operating costs over time.

Scope of supply

PureSOx Connect can be implemented on any Alfa Laval PureSOx system, regardless of configuration.

Other 360° Service Portfolio services for your equipment

- Alfa Laval PureSOx Condition Audit
- Alfa Laval PureSOx Discharge Water Testing Programme
- Alfa Laval PureSOx Exchange Programme
- Alfa Laval PureSOx Spare Parts
- Alfa Laval PureSOx Sprayer Replacement Programme
- Alfa Laval PureSOx Training
- Alfa Laval PureSOx VGP Calibration Programme



How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com

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