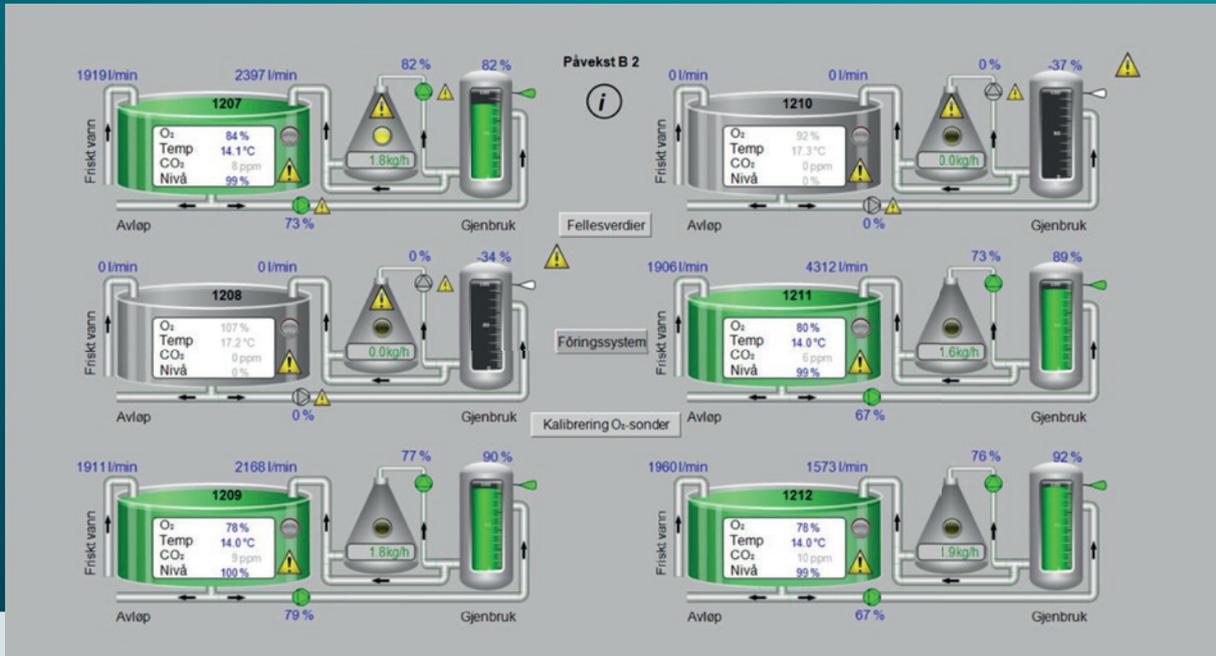


Automation

Automatic process control solutions and measuring instruments for smolt applications



Example of flow, oxygen and CO₂ control

A process control system that ensures proper monitoring and control of the facility is essential. We deliver equipment and services to meet the needs of onshore facilities. We have delivered automatic process control systems to many of today's most advanced smolt facilities.

AUTOMATION/PROCESS CONTROL AND MONITORING

- Reliable
- Quick detection of deviations
- Secures assets
- Reduces losses
- Modern solutions and technology
- Well-known industrial PLC systems
- Text message notifications
- Logging and trends
- Alarm history
- Quick overview
- User-friendly
- Improved fish welfare

Process control and monitoring

SERVICES

Oxygen control

Our oxygen control system was developed with a focus on reliable operation and alarm response. The system ensures stable oxygen saturation in the tank at all times. We offer a PLC-based system with touchscreen control. This enables easy retrieval of measured values, alarm status and trends as you move around the facility. Alert options include warning lights and sirens, as well as telephone or text message notifications. The control system comes with overvoltage protection and a spare battery as standard.

Level control in aerators

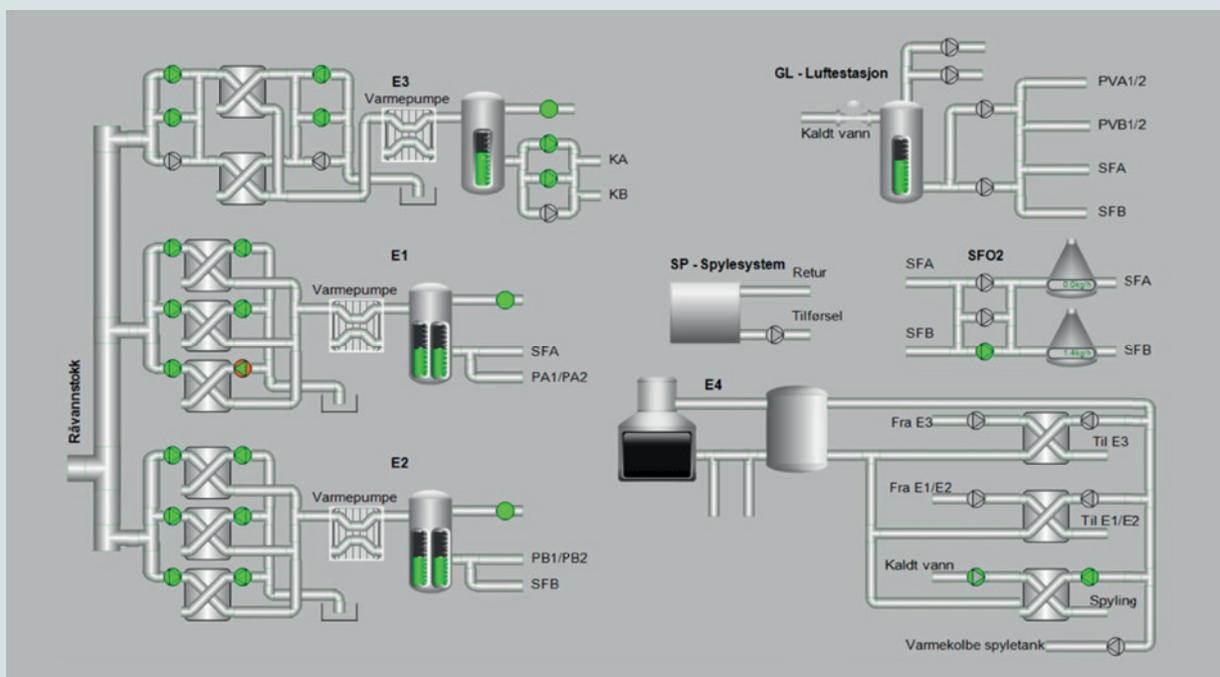
Our automatic control system regulates the water level and maintains underpressure in the aerator by means of frequency-controlled pumps and sensors. The level is calculated by the PLC or in the water pump's frequency converter, giving a correct level inside the aerator at all times, regardless of the water flow.

Alarm panel/ICS

We can provide customised alarm panels for monitoring and alerting of conditions at the facility. The alarm panel can monitor different types of operational parameters such as temperature, pressure, level and flow. You can define your own trigger points based on name, alarm limits and measurement unit. At facilities where we also deliver other PLC systems, the alarm panel can be configured to monitor measuring points that are linked to those systems.

Monitoring over the Internet

We offer operators a computer interface that communicates with PLS systems over the Internet. Operators can use their computer or mobile device to check alarms and trends, and remotely control the system as needed.



Example of heating system