



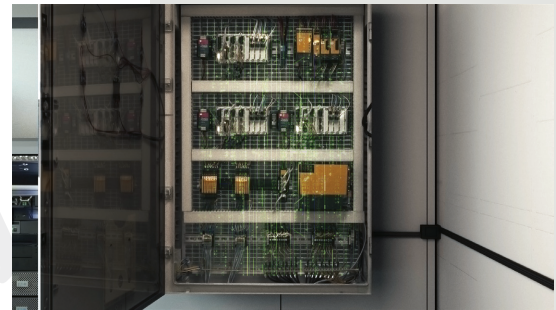
## INDUSTRIAL CABINET, DATA CENTRE AND THIN CLIENT

### Data collection and processing, supervision of the freezing process

#### Industrial cabinet

The network of cables coming from the different tanks of the vessel converges towards the industrial cabinet, designed to collect the continuous flow of information, while avoiding any disruption, damage or signal break.

This industrial quality cabinet can accommodate data from sensors up to 24 tanks.



#### Data centre

Then, the information flow is sent to the data center in which the data are time-stamped, processed and protected by encryption. Server and data security are ensured by the system architecture, redundancy and protection against electric shocks.



## Thin client and touch screen

Thanks to the thin client and the touch screen installed in the laptop, the operator supervises the temperature and salinity parameters of the different tanks of the vessel and their evolution during the tide in real time.



The information can be accessed from any ethernet network point on the vessel by installing the software on laptops at different places on the ship (gateway, cabin...).

Optional: Regular satellite exports allow the shipowner to see the freezing and/or refrigeration parameters of his fish loads by vessel and for his entire flotilla.

### Technical features:

#### Industrial cabinet

- ✓ Electric supply: 230 VAC
- ✓ Consumption: 60 watts
- ✓ Battery life: 1 hour

#### Computer bay

- ✓ Electric supply: 230 VAC
- ✓ Consumption: 220 watts
- ✓ Battery life: 1 hour

#### Touch screen

- ✓ LED display 24"
- ✓ Electric supply: 230 VAC



*Bureau Veritas evaluates the proper functioning of the "Smart Brine Viewer" system developed by Olen, which measures temperature and salinity data during the conservation process of fishery products. The significance and the limits of this evaluation are detailed in the evaluation report.*



[www.olensystem.com](http://www.olensystem.com)

[contact@olensystem.com](mailto:contact@olensystem.com) Tél. +33 (0)2 98 98 60 30

OLEN SAS 9 rue du Professeur Legendre - 29900 CONCARNEAU - FRANCE