SAL CLOUD

Track Your Fleet in Real-time.
Customized for Increased Safety
and Operational Efficiency

SAL NAVIGATION

Connected to
Every Movement

Whether it's safety, operational efficiency, or sustainability, our cutting-edge applications allow you to customize alerts to suit your specific needs, giving you full control over the information that matters most.

SAL Cloud

Track Your Fleet in Real-time. Seamless Transmission of VDR Data From Ship to Shore Anytime, Anywhere.
Stay connected with your vessels seamlessly and securely. Detect issues early, reduce downtime, and make faster, smarter decisions with real-time access and customized solutions.
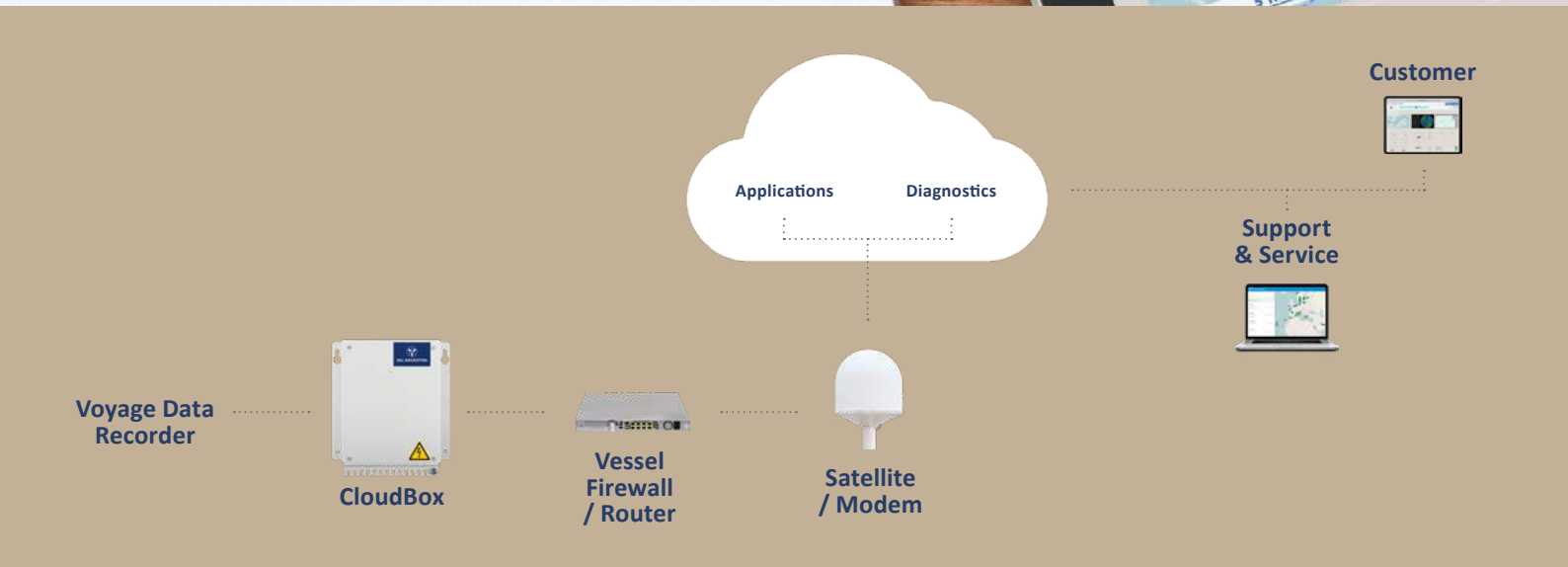
Key Capabilities:
- **Real-time Data Access:** Secure, real-time access to voyage data through any web-enabled device, allowing for instant monitoring and decision-making.

- **Stay ahead with our advanced S2S applications:** Track your fleet in real-time with Fleet Overview, transfer VDR data effortlessly, and review voyages seamlessly with Remote Playback. Set custom alerts for proactive monitoring, gain insights through Event Reports, and stream real-time navigational data via NMEA Streaming.

- **Secure Data Transmission:** CloudBox connects to shore via HTTPS, encrypting data and maintaining firewall protection.

- **Custom User Access:** Control access per user for security.

- **Proactive Incident Analysis:** Analyze alarms, events, and BOQA for better follow-up, event aggregation, and insights. Developed with customer collaboration.

- **Standards:** IEC 60945 Ed. 4.0 (2002). incl. Corr. 1 (2008).

Key Figures

CloudBox (on-board hardware)	
Storage space	Standard 250 GB (ca 30 days), Optionally up to 2 TB (ca six to eight months)
Idle bandwidth required	~ 0.5 kbps
Recommended bandwidth	≥ 128 kbps
Maximum bandwidth required	~ 1 Mbps (for live streaming, all channels)
Cloud Server (applications)	
Storage space	4 GB (ca 12 hours) per vessel as standard, expandable

Remote Playback M/S Brännö

09:00

1x

2021-10-29 09:34:41

Position 60°03'49" N 020°23'31" E

5 nm

Customer

Applications   Diagnostics

Support
& Service

Voyage Data
Recorder

CloudBox

Vessel
Firewall
/ Router

Satellite
/ Modem

64.7 %

Stay Ahead of Potential Risks With Custom Alerts Through the Notifications App

Set up rules based on vessel conditions, such as speed, depth, or specific parameter combinations. Trigger notifications when your vessels enter critical geographical regions, ensuring proactive monitoring. Regions and rules can be easily tailored to fit your navigational needs.
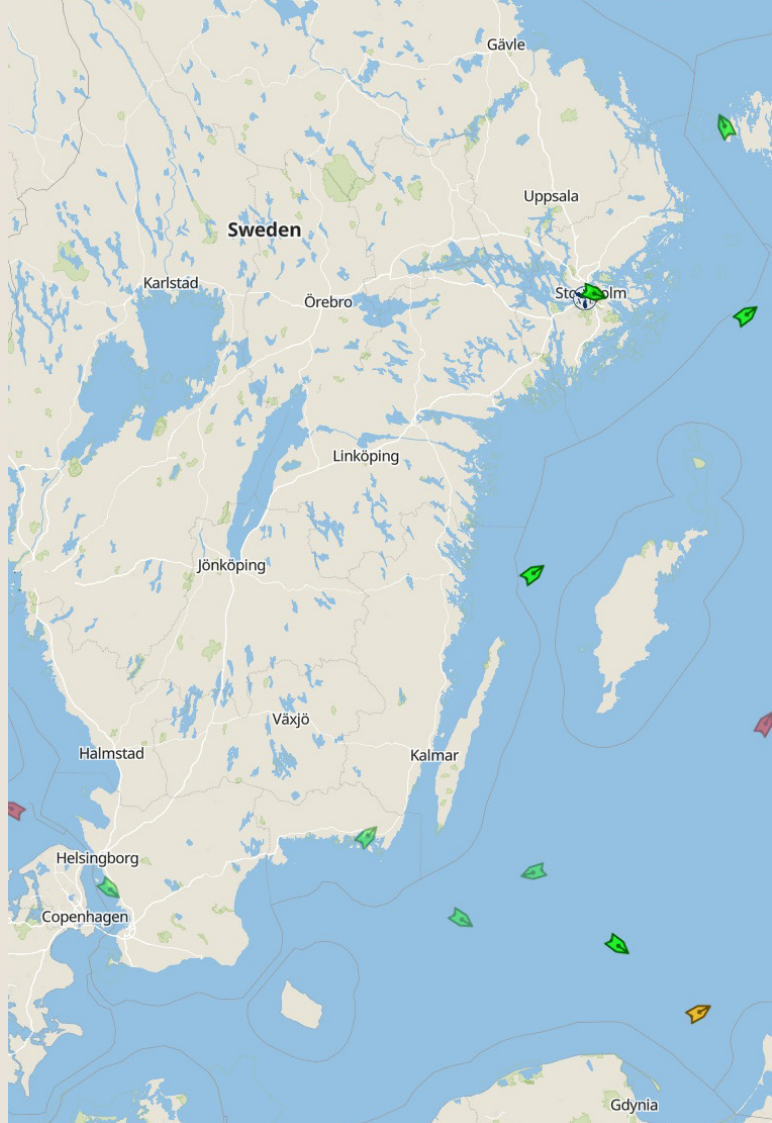
System Components

Standard

Height: 295 mm
Width: 260 mm
Depth: 52 mm
Weight: 2.5 kg

CloudBox
Operating voltage 115-230
VAC. Provides data storage
from 250 GB and upwards.
Connects to SAL Cloud via the
vessel's internet connection.
Configurable data category
filters. Protected by built-in
firewall.

Keep your Fleet Sailing with Remote Diagnostics

Ensure optimal fleet operations from shore. Our Remote Diagnostics tools enable authorized personnel to analyze system behavior remotely, often guiding onboard crews in resolving minor issues. When a service visit is needed, it can be scheduled proactively, with the right spare parts brought on board based on detailed diagnostics—addressing minor issues before they escalate.

Navigation Towards
a Sustainable Future

SAL NAVIGATION