IEC telecom

ONEShare

Bi-Directional File-transfer Service for Sea-shore Data Replication

Shipping

Commercial Fishing

Offshore Sector

Most of the e-learning on vessels comes from manuals and videos shared by the head-office. While this task is simple in areas with sufficient GSM coverage, it may be quite challenging in a low-bandwidth environment offered by the standard broadband terminals. **OneShare** provides a solution for this dilemma. This application enables the synchronisation of the file registry between ship and shore, operating akin to file-exchange servers used on land.

In addition, OneShare offers efficient sea-to-shore communication, enabling reporting and big data transfers in a low bandwidth environment.
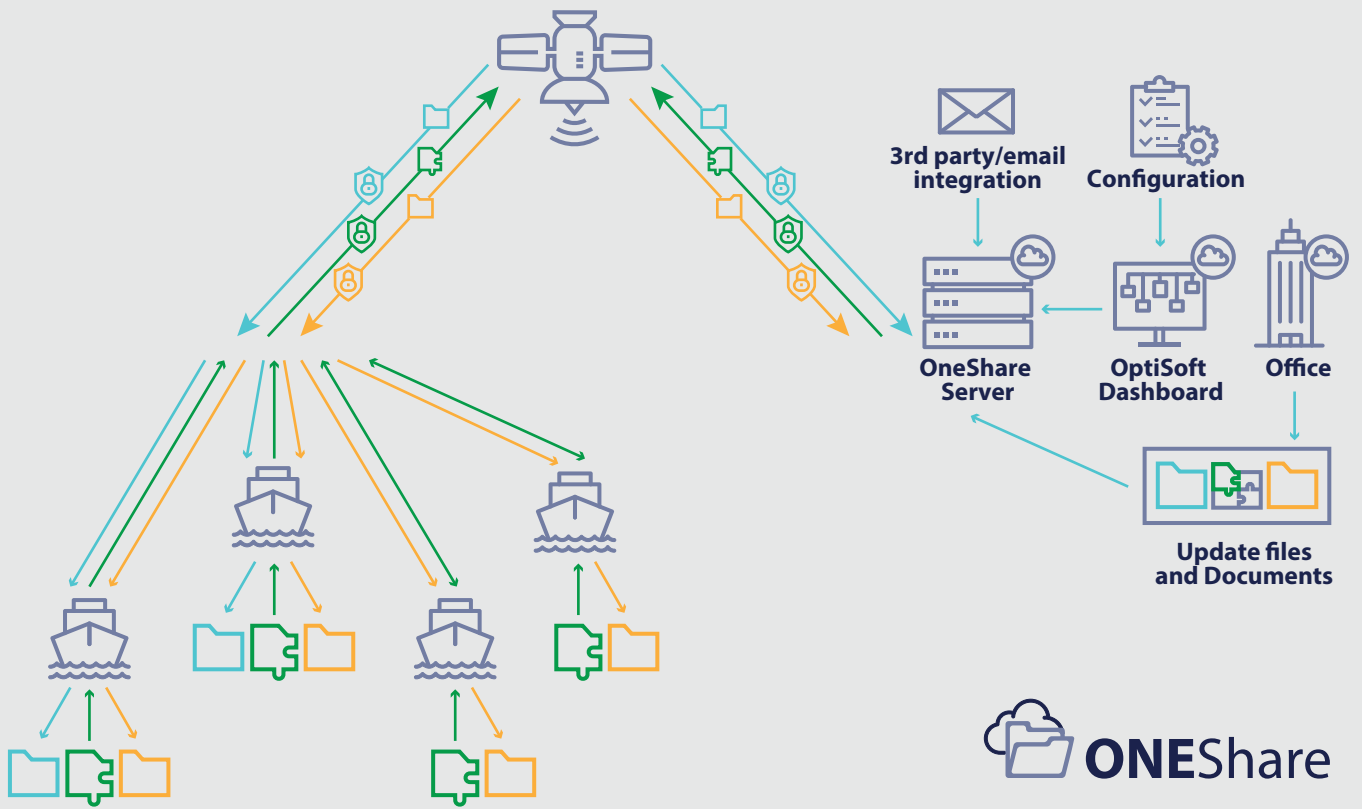
IMPACT

OneShare provides IT managers with a gateway to configure, monitor, and execute simultaneous file transfer tasks from a central location without the need for crew intervention. As a result, this service enables vessel owners to improve operational efficiency and lower costs.

OPTISOFT

OneShare is part of the OptiSoft application suite by IEC Telecom. OptiSoft offers a wide range of communication services optimised for the maritime sector, including:

- ◉ OneMailLite: Cost-effective email service for small vessels

- ◉ OneMailPro: Email service for vessels with multiple users

- ◉ OneCover: Cutting-edge antivirus solution for remote networks

- ◉ OptiSoft Dashboard: Virtual portal for network management and apps administration

3rd party/email integration

Configuration

OneShare Server

OptiSoft Dashboard

Office

Update files and Documents

ONEShare

FEATURES

Optimised data replication
The amount of data being transferred is minimised by the identification of changes in monitored files.

Central control and management from shore
The fleet can be managed from the shore without crew intervention. Assign a single job to multiple vessels and clients.

Synchronised files and folders
Enable bi-directional replication of files and folder structures with a focus on ensuring the integrity of the data with the source. Changes or whole files can be replicated in relevant locations as directed by the configuration.
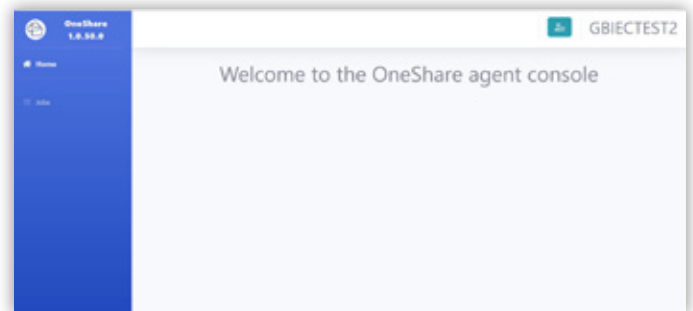
Bi-directional transfers
Support data transfer from both ship-to-shore and shore-to-ship via a cloud-based dashboard.

Cloud-based configuration
All configurations are pre-set, monitored, and managed via the cloud-based dashboard.

Comprehensive audit and reporting
Reporting provides visibility over executions, files included, execution status, and start and completion times. This level of transparency helps IT managers to comply with industry security standards.