

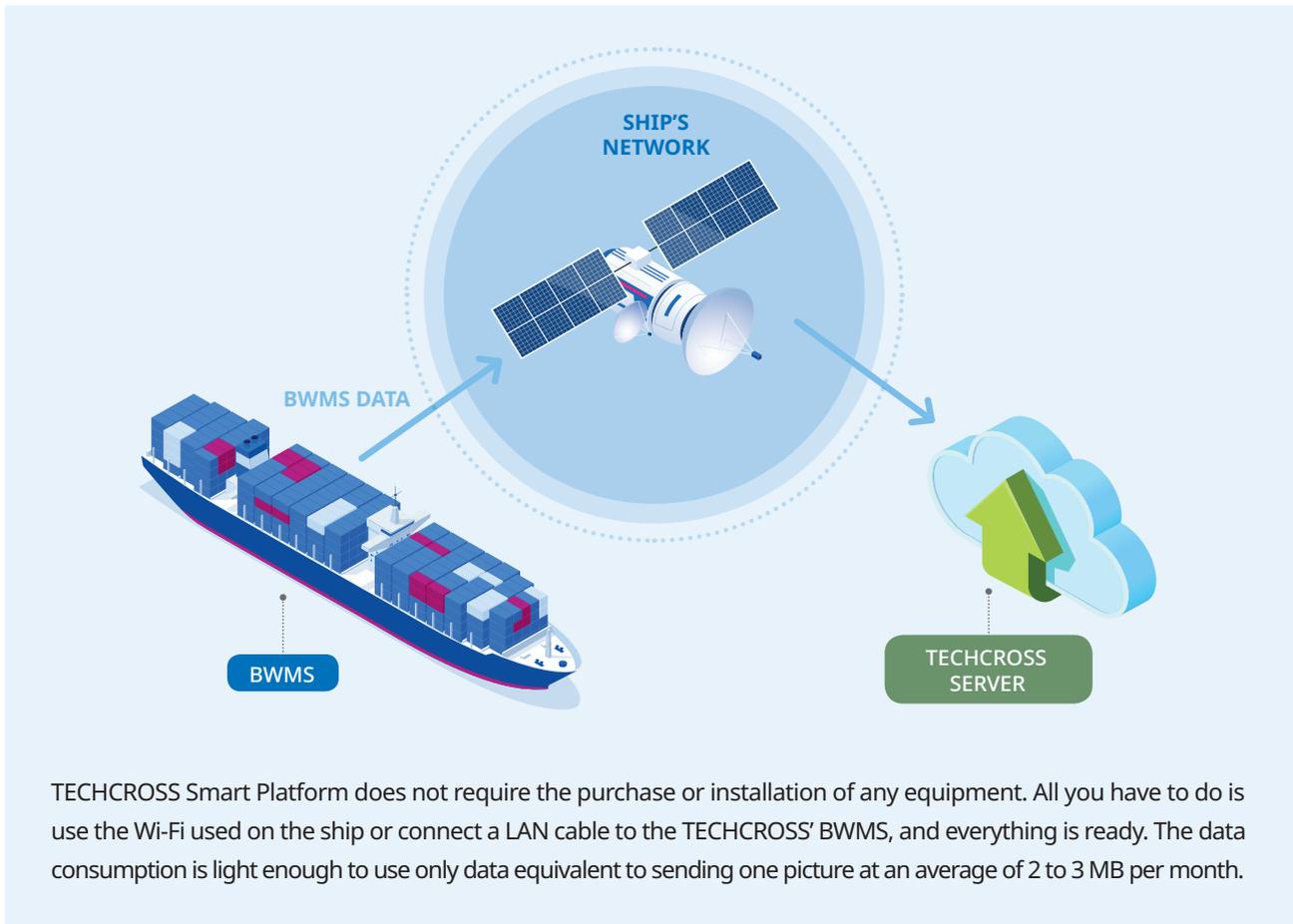
TEHCROSS SMART PLATFORM

Proactively blocks problems with real-time data analysis!

Provides customers with convenience and cost savings at the same time

TEHCROSS Smart Platform is a convenient service that makes it possible to check the status of the ballast water management system anytime, anywhere in a communication environment. A comprehensive understanding of not only the equipment status but also the basic information of the ship enables the comprehensive analysis and condition diagnosis based on a higher level of data.

» Concept



TEHCROSS Smart Platform does not require the purchase or installation of any equipment. All you have to do is use the Wi-Fi used on the ship or connect a LAN cable to the TEHCROSS' BWMS, and everything is ready. The data consumption is light enough to use only data equivalent to sending one picture at an average of 2 to 3 MB per month.

» Advantages

✓ Prevention of a problem in advance

Real-time data analysis can detect equipment abnormalities even before the user recognizes them. Problems can be prevented by diagnosing potential problems in advance and providing appropriate solutions.

✓ Saving time and cost

Requesting a solution after a problem has already occurred is quite time consuming. However, if the problem can be predicted through the Smart Platform, AS service can proactively be provided according to the ship schedule, reducing customer's time and cost.

✓ Improving equipment performance

The information accumulated every day is stored as big data and used as the basic data for developing better system. This makes it possible to develop equipment that can achieve the highest efficiency under any environmental conditions.

✓ Improved customer convenience

In an environment where communication is possible, customers can check the service details of their equipment anytime, anywhere. Monthly reports are of great help with equipment's troubleshooting and maintenance.

Ballast water management information

- Number and time of operation
- Operating seawater conditions
- Neutralizer discharge amount
- Management capacity
- Power consumption
- TRO concentration



Ship information

- Ship basic information
- Ship location information
- Ship operation information



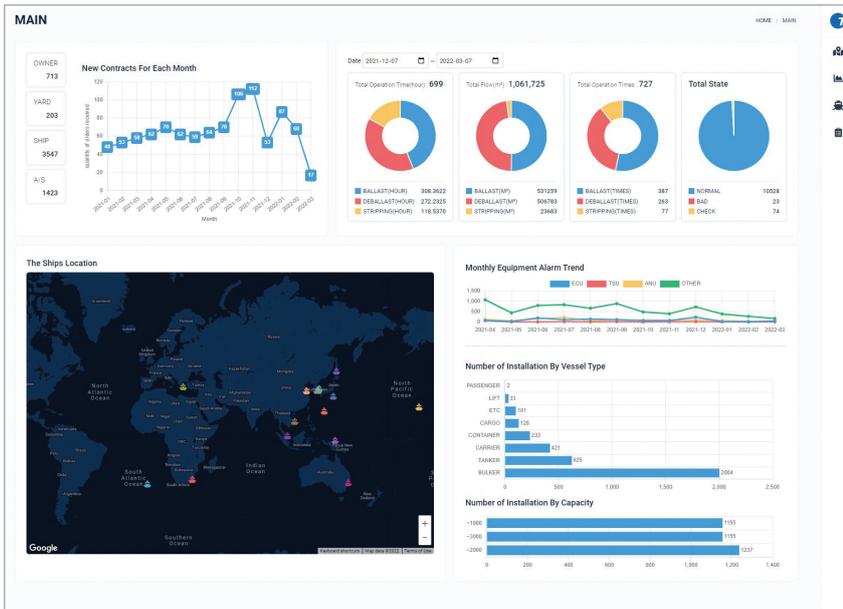
Service

- Current usage trend/summary
- Monthly reports

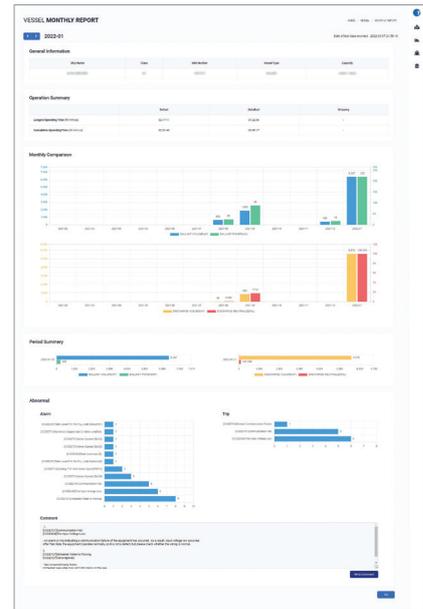


AS Service

- Alarm trend
- Malfunction status
- Troubleshooting



▲ Smart Platform main screen



▲ Monthly report screen



▲ Analysis screen

