

Navigating the 4th industrial revolution • AI Ship Safety Management Solution

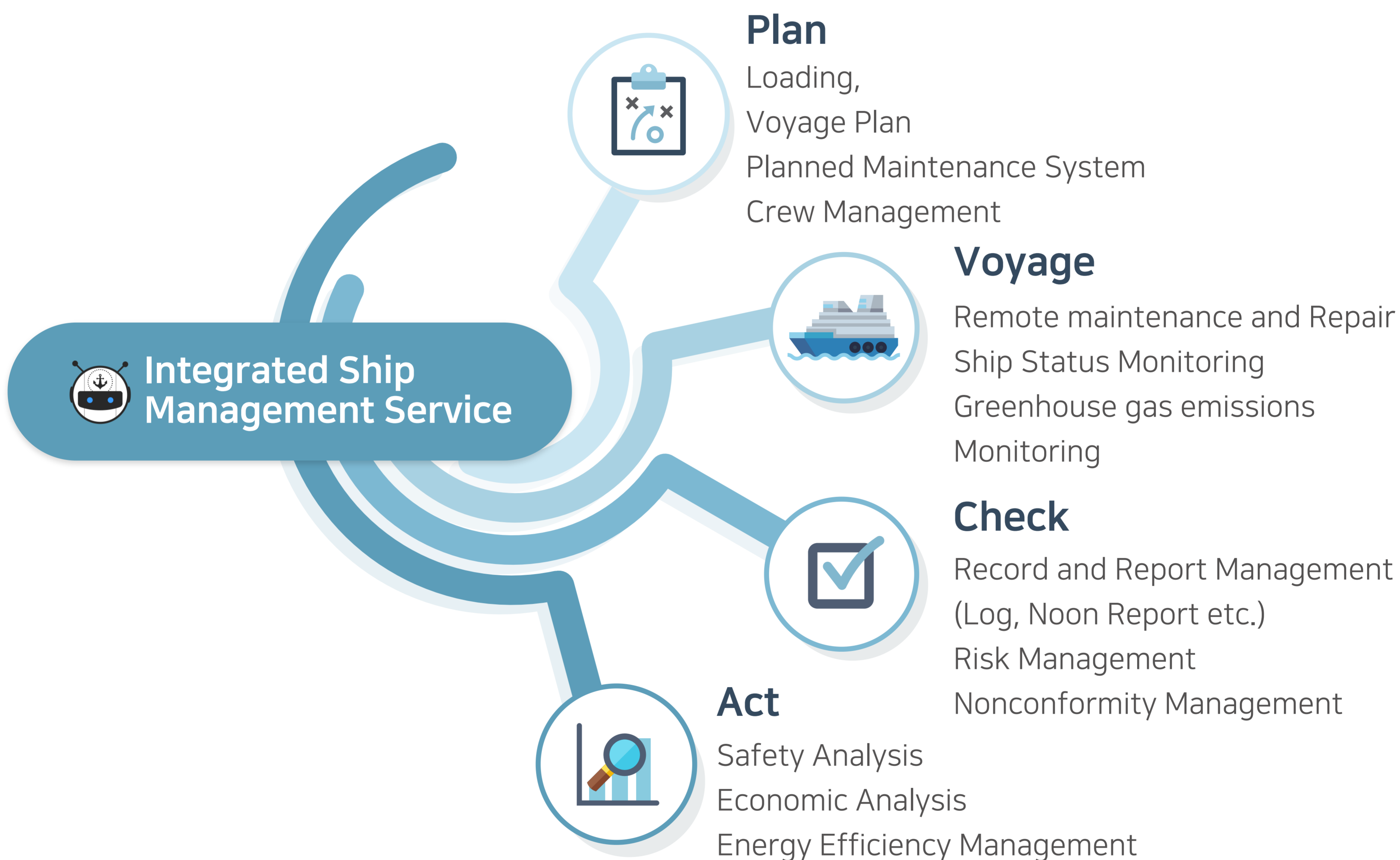
Alpha Captain 21

Alpha Captain 21 is a next-generation artificial intelligence ship safety management solution that applies the latest ICT technologies to ship safety issues through hyper convergence of ship and office.

Overview

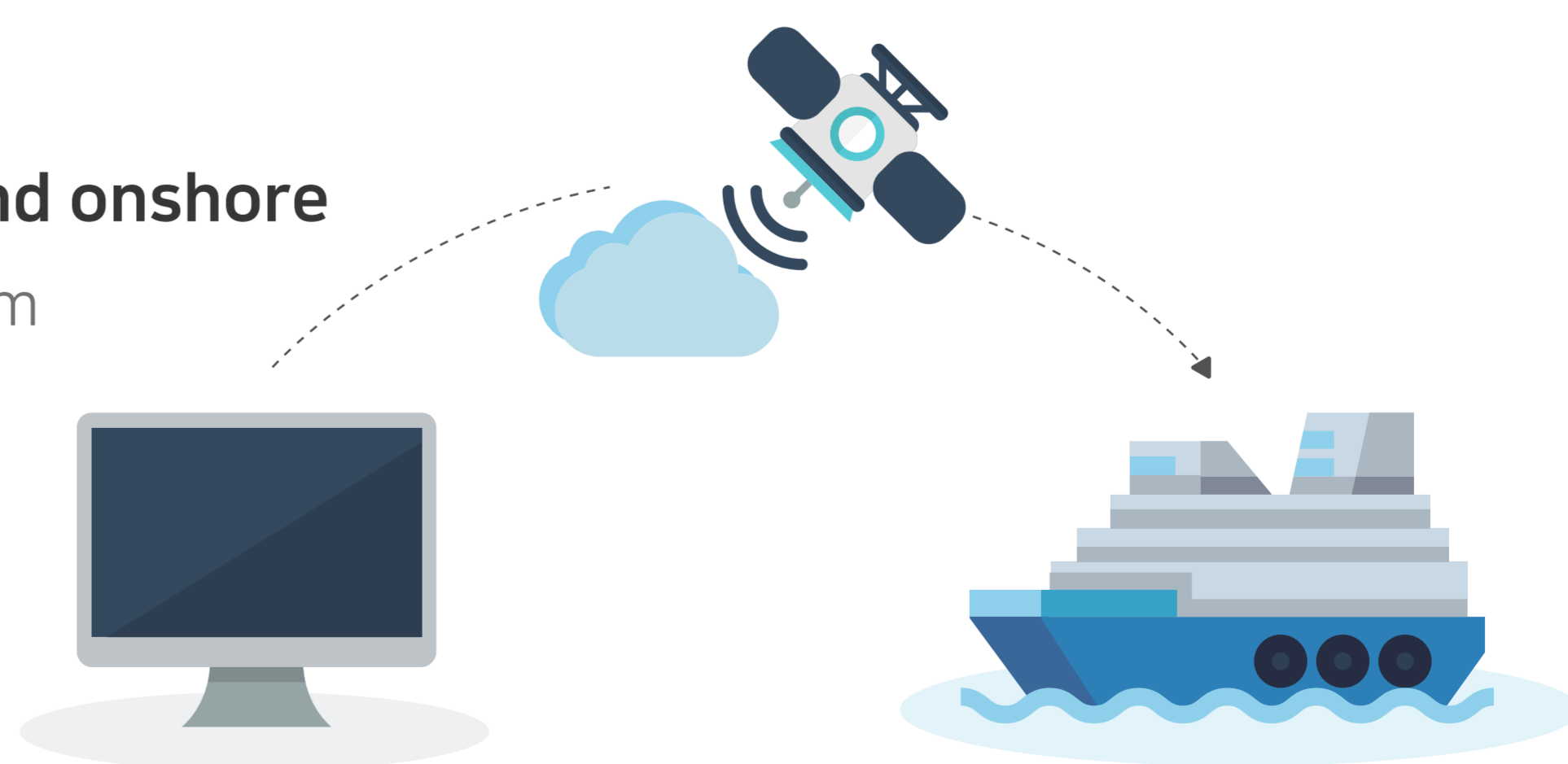
Shipping Company's Safety Quality Management System PVCA

In accordance with the IMO ISM Code(International Safety Management Safety and Quality Management System), A/C 21 has been developed to comply with the safety management responsibilities of the ship owner and to prevent maritime accidents caused by the human factors of the crew with ISM's PVCA cycle, Plan, Voyage Operation, Check (Monitoring and evaluation) and Action(Improvement) procedures.



Package service for safety operation of ship and onshore

Consists of **Alpha Captain** - Ship management system based on AI-Edge computing, **Alpha Office** - Fleet management system based on cloud service, and **Alpha Net** - supporting onboard and offboard networks including Alpha Office & satellite networks.



Key Feature

Alpha Captain(for Ship)

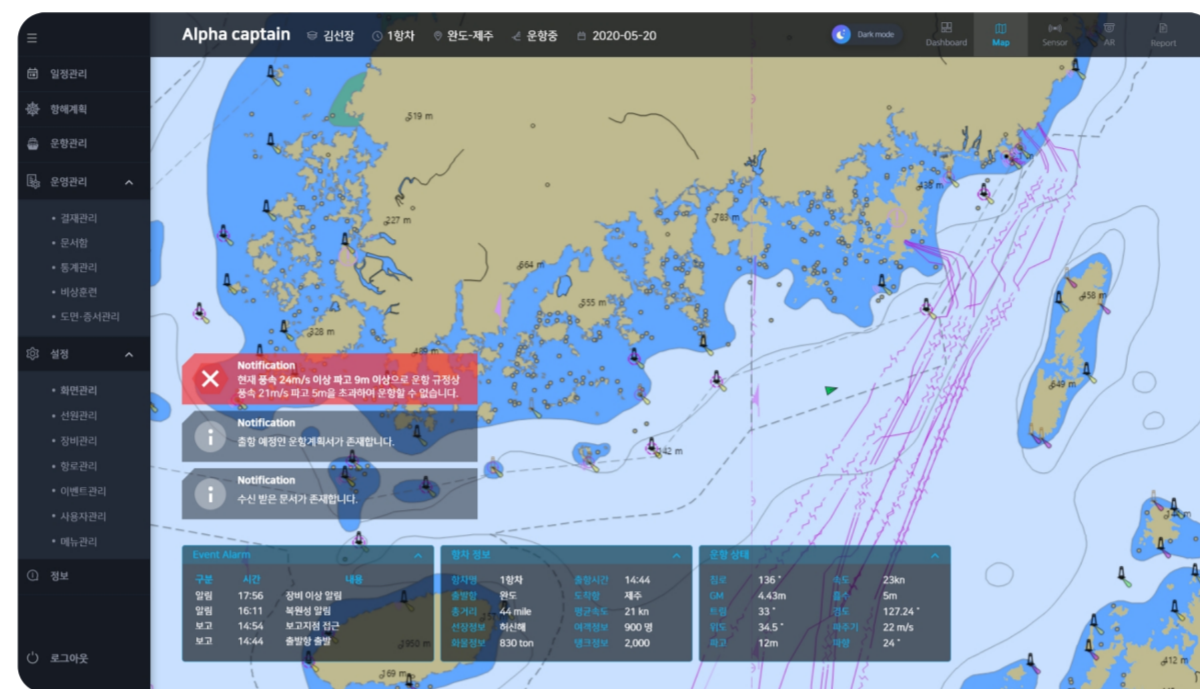
- AI·Sensor convergence Real-time monitoring(4 modes)
- the automatic recognition of emergency, push alarm and risk response support
- Computerized ship's operation data by voyage no. (Record/Report/Statistics)



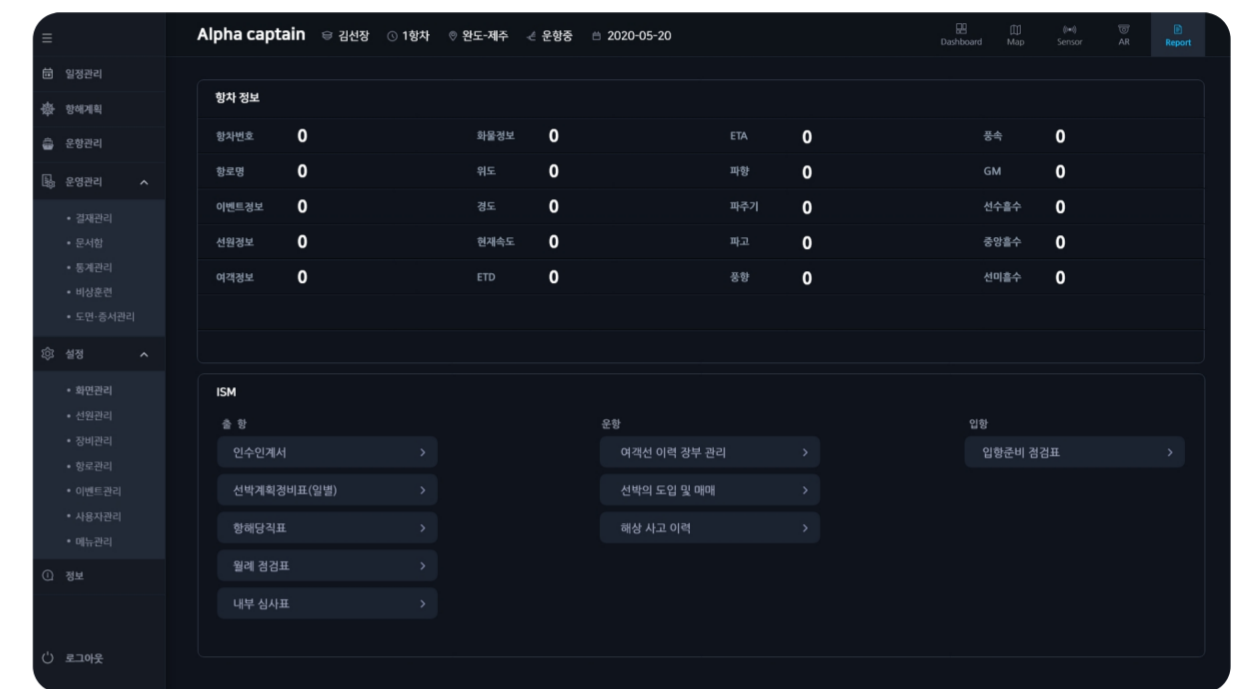
Augment Reality Mode



Conning Mode



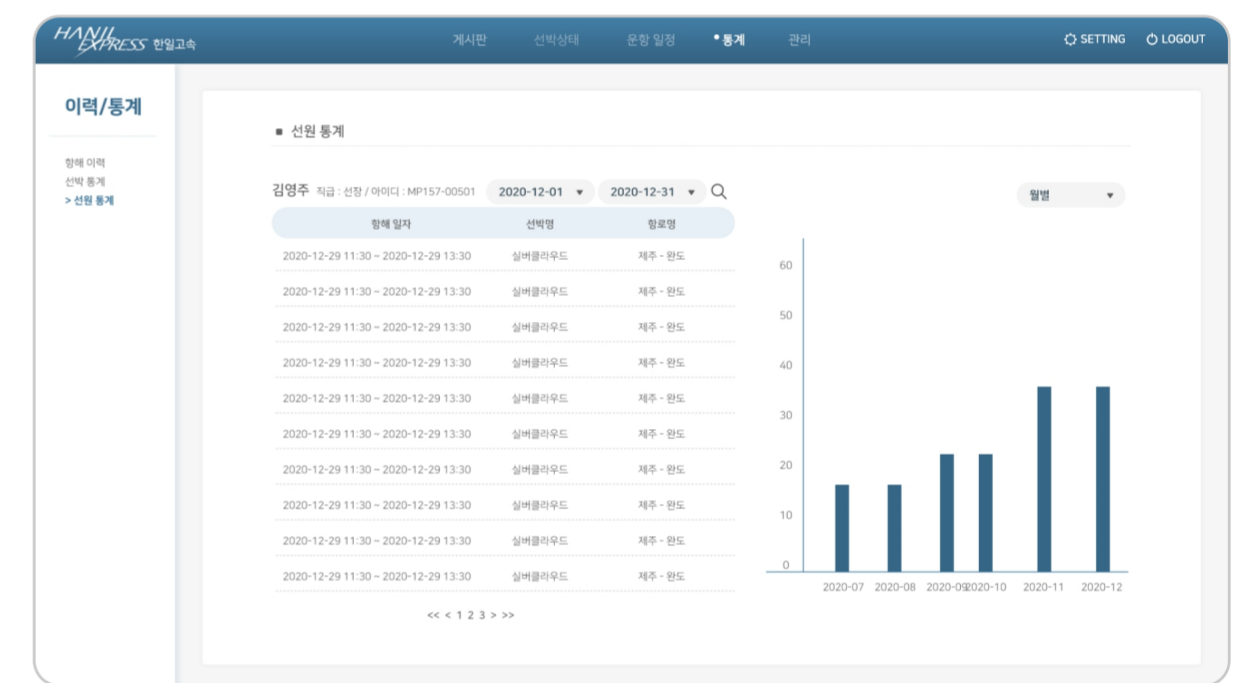
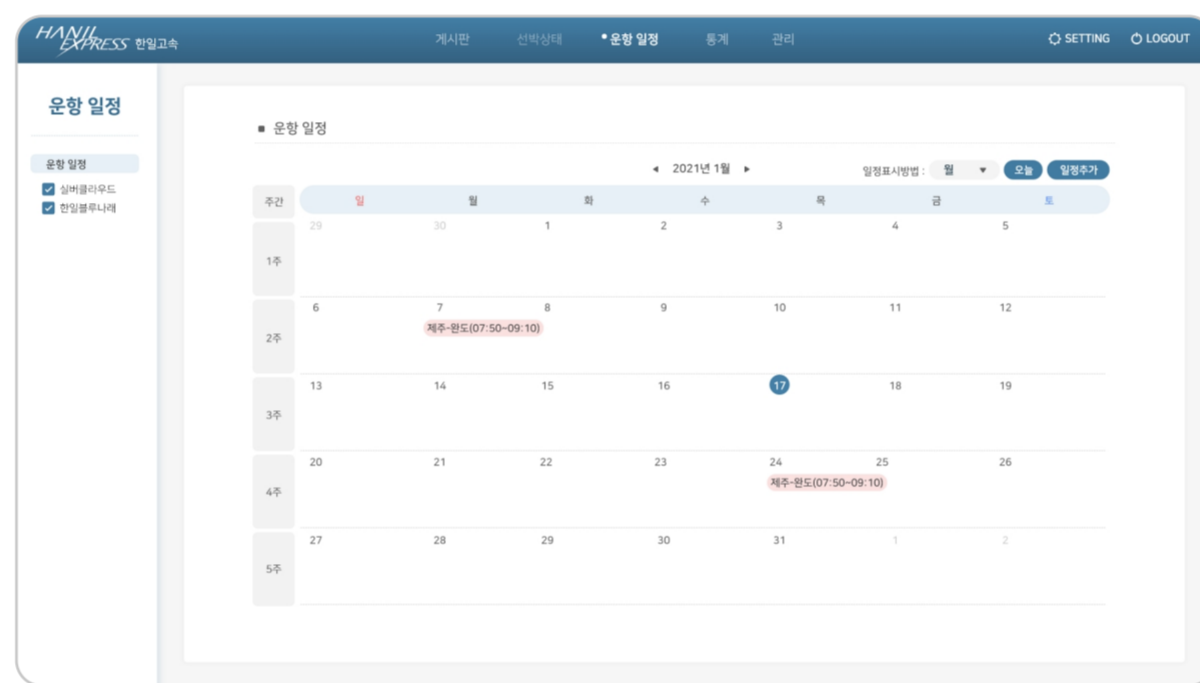
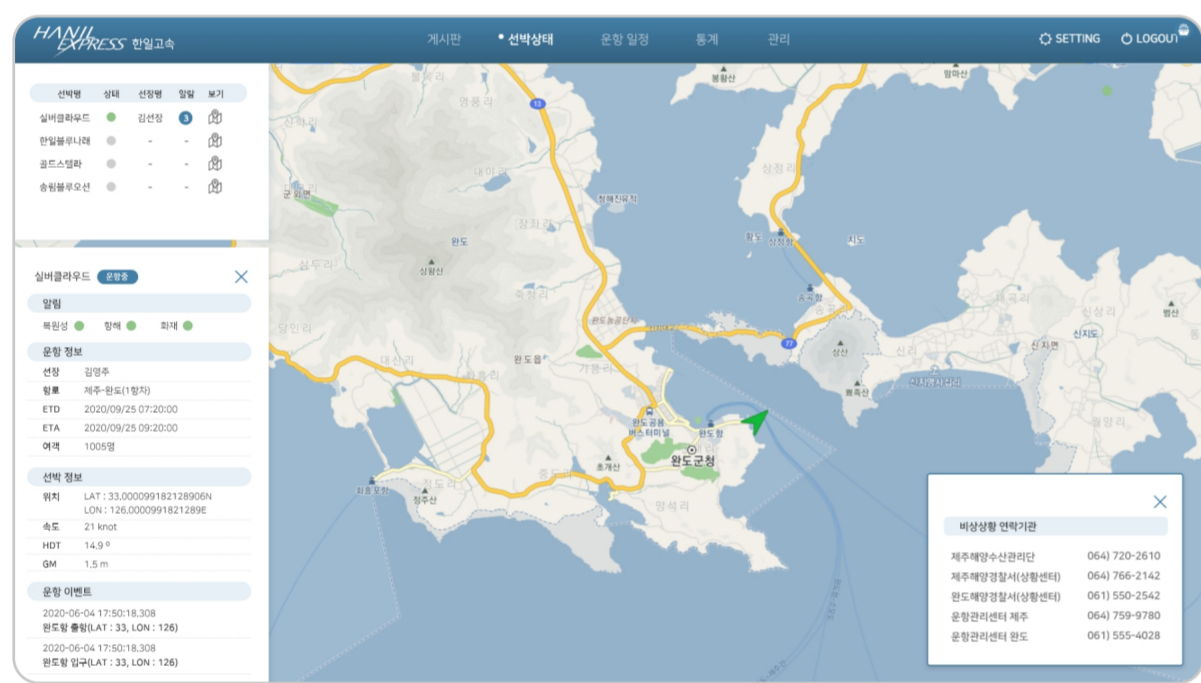
Map Mode



Report & Statistics Mode

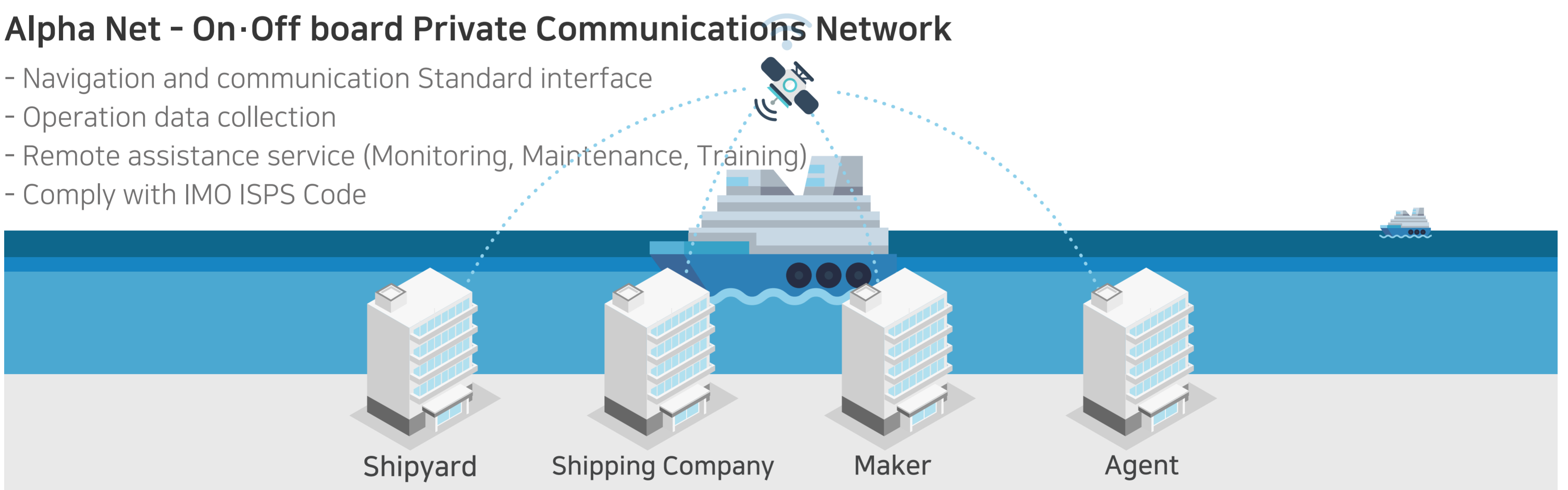
Alpha Office(for onshore)

Location-based Voyage Status Monitoring / On·Offshore Voyage information share & coordinated response in an emergency / Support economic operation by big data statistical analysis.



Alpha Net - On·Off board Private Communications Network

- Navigation and communication Standard interface
- Operation data collection
- Remote assistance service (Monitoring, Maintenance, Training)
- Comply with IMO ISPS Code



Configuration

