



Advantages at a glance:

- Unified IT infrastructure
- Reduce servicing and maintenance requirements
- Increase IT availability
- Standardise business processes
- Analyse operating costs for individual ships or the fleet as a whole
- Crew entertainment

IT infrastructure onboard ships has historically been given little attention. The standard approach was to use normal IT workstations on which programs would be installed; it was less of an opportunity for IT operations and service teams and more of a burden. Smart shipping concepts cannot be implemented under this model.

In order to allow forward-looking, innovative IT solutions to show their true capabilities, to make onboard operations more efficient and to make the crew's free time more enjoyable, an essential prior requirement is a modern, standardised IT infrastructure consisting of a server, storage and network (active and passive) as has been used in data centres for many years.

Only then will it be possible to locally store all ship operating data that can be evaluated and to synchronise it at regular intervals with the customer's central database. This enables automatic analysis of operating data for each ship, which in turn means that data can be compared across the entire fleet. New information, updates, safety settings or other guidelines can be standardised using a management console - and distributed across the entire fleet at the click of a button.



IT solution for ships

Optional WiFi usage - managed on a central basis by the onboard IT solution - also improves crew welfare.



This gives crew members access to the internet at any time to allow them to talk to family or make use of social media or streaming services. The ship operator can define the capacity that each individual crew member can access for free, and how much more can be accessed at their own cost. Such offerings improve shipping firms' image as employers and their ability to attract qualified personnel which enable efficient ship operations.

[Contact us for more information](#)

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