



SHIPNET

MOL Tankship Management

CASE STUDY



Introduction

MOL Tankship Management

MOL tankship management is a professional marine ship operator specialising quality and assurance, vessel manning, technical management and performance analysis. Forging ahead to becoming the world leader in safe operations.

As a company operating tanker transport, their primary objective is safety. With an established corporate philosophy covering both ship and shore employees, we engage in ship management operations and follow the principals of sustainability in harmony with society.

The goal: To be a strong and resilient corporate presence, which provides new value to all stakeholders and continues to grow globally.



Modernising a global giant

A lack of digital administration meant that documents were largely exchanged via email and saved on individual machines in personal filing formats. Data, forms, and all sorts of communications were scattered, which required manual sorting, printing, and filing to keep track of all documentation.

This manual process of compiling data, and transferring it to external files, took time and effort and had the additional problem of being both tedious and prone to human error.

“Shipnet’s software creates personnel accountability, showing live data for all to see. This transparency makes us a more efficient business.”

Captain Ramendra Joshi

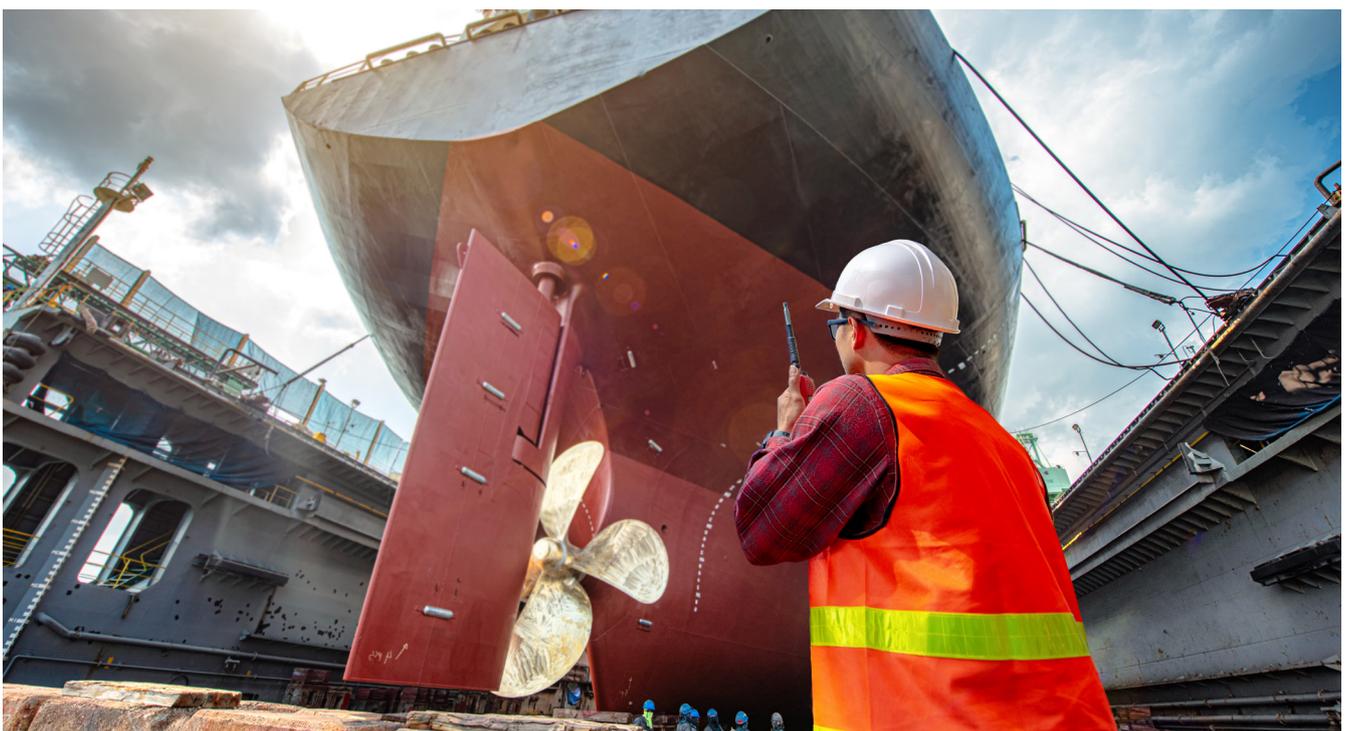
Manager (Quality Assurance) MOL
Tankship Management Pte. Ltd.



Stepping up to the challenge

As well as having to physically manage documentation there was no automation to alert the business to expiry dates or renewals of ship certifications, meaning they could easily be missed, which led to issues with vetting and inspections.

The company’s safety management system was also kept as a hard copy – which required updates to be made and printed out, then mailed to vessels – sometimes with long delays in receipt due to the trading areas.



An all-in-one solution, making waves in the industry

Shipnet provided a solution that allowed the company to compile all data and forms in one place, and migrate to a digital system with electronic SMS manuals. The software not only simplified our planned maintenance, but unified the entire process, effortlessly working alongside our other applications.

Instant reduction in workload

Ultimately, Shipnet ONE allowed our staff to work more efficiently, reducing the time taken to compile a management review from months to weeks.

The dashboards are all really user-friendly and intuitive, allowing for live data output, which would have been impossible prior. We're now able to monitor the completion of events and segregate data with ease. Shipnet's software also creates personnel accountability, showing live data for all to see. This transparency makes us a more efficient business.

Try before you buy

MOL researched other software providers in the PMS market, and during that process, reached out to Shipnet. After several trials and demos with three providers over a few months, they decided Shipnet's solution was for them.

So, what happens next?

MOL has been using Shipnet ONE extensively to consolidate all forms and reporting. This has made the process of analysis and TMSA audits much easier, since all the data required is always just a click away. Various reports were also created to facilitate the data output for reports and for monitoring areas of weakness. We're also pleased to confirm that reporting to management was greatly facilitated and monitoring of the Companies KPI performance became easier.

The PMS module also made sure MOL could maintain the ship's machinery at high standards, with live status monitoring.



Through Shipnet One's enhanced functionalities, we were able to create a large number of dashboards as per our requirements. This removed any need to go through a large number of documents for data output and analysis.

The detail

How we drove a better way of working

- ✓ We're able to know if safety meetings have been closed out in a timely fashion by the office
- ✓ If the near-miss reports were responded to and closed as per requirements
- ✓ We can also now easily segregate the types of near-miss received as per the occurrence category – personnel, property environment etc. along with segregating the significant and serious near-miss, shared with the fleet regularly
- ✓ Illness and injury reports are better monitored
- ✓ All ship inspections are reviewed and monitored through modules, while the KPIs are reported for the findings, making it possible to analyse the root cause so corrective actions may be implemented
- ✓ The risk assessment module made it possible for the company to create standard risk assessment templates which ensure that a standard of risk assessment is maintained in the Fleet. This wasn't possible previously.
- ✓ All internal audits have now been digitised and can be reviewed at various levels of management as required. KPIs can be compiled to assist in the compilation of gaps with the SIRE and TMSA requirements. This could never have been done without Shipnet ONE
- ✓ Machinery trouble reports are all in one location now, which makes it easier for tracking and analysis of machinery weaknesses and their rectification
- ✓ The purchase module has reduced a large amount of workload, especially given it works with the accounting software, making the flow easier and removing the need for printing and manually processing a large number of paper requisitions. The approval for POs is central now and the status of each requisition which stage is it at – supplier, in transit or delivered and the PO can be monitored in the system with traffic Lights indicating the status. Ship's staff can also see the status removing the previous requirement of email communication.
- ✓ We have also been able to add some custom modules e.g., the management of change module and this has assisted us greatly. Previously many MoC's exceeded their stipulated implementation period as they were paper-based and often lost on a bunch of other documents or not followed up as required. This created issues in company audits. The system enables live monitoring of all the MoC's and they are now followed up well since all management is able to view and monitor them regularly.



The results

The benefits of Shipnet's safety solution



Saves time

From months to weeks for annual management review



Improves metrics visibility

Easy to use dashboards for Live data outputs and monitoring



Betters analytics

Modules report for KPIs for constant improvements



Offers remote access

Reports and docs can be viewed by management from anywhere



Offers customisation

Modules added to fit business needs



Can be fully integrated with accounts

Approvals and monitoring processes simplified

Get in touch to find out how we can drive your business forward with Shipnet ONE

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