

DATA GATHERING AND REPORTING

One of the largest ship owners in the world uses SMS document management and i-Forms for implementing management systems for Quality (ISO 9001), Environmental (ISO 14001) and Safety (ISM Code).

It is an integrated system incorporating Group and individual subsidiary requirements. Office locations around the world access the system using the Internet/intranet, and deployment on 300 ships is initially by CD. After the initial deployment updating of ship systems is carried out electronically by transmissions via satellite

All safety related incidents onboard ships are reported for analysis. i-Forms are used for collecting data onboard which is then transmitted via satellite to a land web based Safety Reporting System.

SMS designed the web application that is used by the Group for safety reporting and analysis.

The advantages of this system are:

- Fast reporting of incidents
- Fast distribution of information relating to serious incidents
- Common data collection format
- Fast and easy compilation of Group and individual company statistics
- Consistent performance comparisons across the Group
- In depth data queries to determine details of What, Why, How, Where incidents occur.
- Wide and cost effective distribution of statistics via the Internet/intranet.

COMPLIANCE AND INSPECTIONS

Demonstrating compliance with various standards involves carrying out inspections and internal audits on a regular basis. Where multiple locations are involved with certified standards for Quality, Health and Safety, and Environment management systems, the planning, execution, recording, and follow up of inspections is a significant management task.

One of our clients needed help to manage this type of situation.

SMS designed a system to centralise the audit management process allowing many departments to coordinate their resources efficiently. A web based planning and reporting system allows compliance managers to schedule audits whilst a portable auditor's module is used onsite.

Once the relevant data has been gathered, it may be uploaded back into the system thereby allowing management to get an overview of how a particular department is working and any problem areas they have encountered.

The advantages of this system are:

- Centralised planning and control of audits
- Fast and flexible scheduling of audits
- Automatic notification of assigned audits
- Remote uploading of completed audits
- Seamless integration with non conformance reporting and corrective action systems
- Updates from the corrective action management system through to close out of audits
- Trend analysis of audit findings
- Immediate management overview of planned, in progress, and completed audits