

The Complete Safety and Quality Management Toolset Solution For Your Fleet.



MARITIME  REDEFINED



## SAFETY XE Safety & Quality Management Solution - Fact Sheet



### Safety XE Top 5 Benefits:

1. Increase reliability and safety onboard
2. Support Continuous Improvement
3. Identify and Control Risks
4. Promote Organizational Learning
5. Monitor Statistics and measure Key Performance Indicators
6. React faster and improve the effectiveness

### For More Information

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## Current Safety Challenges within the Shipping Industry

The pressures and challenges that Marine & Safety professionals face are continually intensifying, with regulations & inspections from the likes of Oil Majors on Tanker Operators on the rise. Safety Professionals are tasked with ensuring workplace safety and to continually assess risk while developing and implementing the necessary procedures to promote continual improvement and accident prevention to reduce the likelihood of workplace incidents.

Developments in recent years have seen improvements in the protection of life at sea and the environment, which has led to stricter benchmarks being set through new international regulations as well as amendments to existing instruments. The resulting regulatory framework has created new record-keeping obligations for shipowners, significantly increasing the crew's onboard workload and undermining operational efficiencies.

The additional administrative burden of cumbersome daily paper-based record-keeping has elicited active feedback from seafarers and has been the source of fierce debates among shipping industry professionals. As companies and shipowners continue to focus on ways to operate in an environmentally responsible manner and aim to reduce the heavy burden associated with paper-work through electronic means, the concept of operational logs in an electronic format has become a widespread consideration.

## Persona's of the Safety XE Solution

- Marine Superintendents
- Technical Superintendents
- Master

## What is Safety XE?

The Safety XE solution within the ShipNet One platform provides the complete toolset for Marine & Technical departments, and the onboard crew, giving the ability to promote a healthy safety culture within the company.

Safety XE is a complete Safety Management solution that consists of Safety Reporting, Controlled Document Management, Risk Management, Certificates, and Survey Management, coupled together with Analytics to drive KPIs within the business.



## What are the fundamental Values & Benefits of Safety XE?

### Increase reliability and safety onboard:

The flexible reporting system enables you to translate your company's reporting needs into the software and continue the same process.

### Support Continuous Improvement:

- Perform audits, vetting, and inspections and follow-up on actions. [See our TMSA Whitepaper >>](#)
- To update and modernize regulations and standards to gain better control and improve maritime safety and environmental performance.
- Deploy reliable and automatic reporting applications instead of manual, hand-written reports.
- Achieve more efficient and reliable operational communication with vessels.

### Identify and Control Risks:

Make it easy to understand and perform risk assessments, with the ability to reuse and add assessments for specific situations.

### Promote Organizational Learning:

Share and update information readily available for users onboard and in the office to improve the safety culture.

### Monitor Statistics and measure Key Performance Indicators:

Measure the impact of changes, incidents, accidents, and inspections to continuously improve for the future. Use operational data to undertake analyses and comparisons between vessels to deploy best practices across the fleet.

### React faster and improve the effectiveness:

One place for all reporting formats and to monitor critical reports and their corrective action.

## Safety XE Feature Specification

### Risk Management:

Develop a proactive safety culture both onboard and ashore that includes identification of hazards and the implementation of preventive and mitigation measures working towards incident-free operations.

Based on the HAZID model, the methodology is based on identifying the potential risk and taking controls to keep reducing the residual risk to as low as reasonably practical (ALARP).



### Safety XE and the One Connected Maritime Platform

- Safety XE consists of safety reporting, document management, risk assessments, and certificate management is integrated as part of the 'One Connected Maritime Platform,' enabling all connected applications to share master data.
- Heavy coupling between the Safety XE and Technical XE applications enables users to complete risk assessments while finalizing tasks, follow checklists to make sure the required items are covered while helping new engineers to become familiar with work requirements.
- The integrated solutions enable manufacturers' manuals to be linked with work orders, providing Seafarers with a quick and easy reference to maintenance procedures.

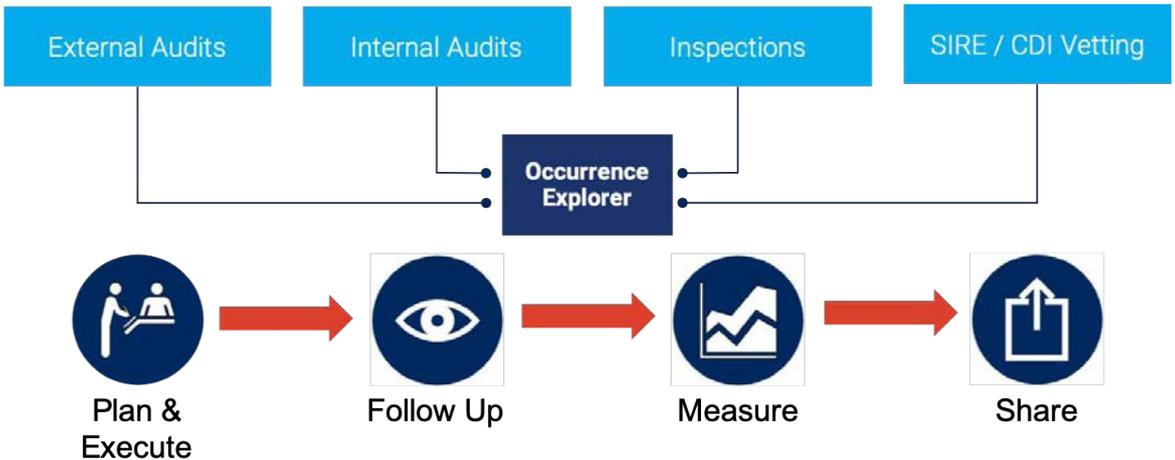
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## Build your business workflows into our solution:

Plan, follow up and measure observations and non-conformities from inspections and audits



### Current Safety Challenges...

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Safety Professionals are tasked with ensuring workplace safety and to continually assess risk while developing and implementing the necessary procedures to promote continual improvement and accident prevention to reduce the likelihood of workplace incidents.

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Follow standard or custom checklists to perform inspections and create findings automatically from the checklist questions

The screenshot shows a software interface for managing safety checklists. The top section is titled 'General' and contains a table with the following data:

File	Checklist - Hot Work	Checklist Date	02/20/2028	Created By	SAGJLET OSKODALASSTY	Checklist Status	Created
Site Name	Shore	IMO Number		Linked Events	Office Audits	Chief Officer	
Master		Chief Engineer	Cole Alexander	Safety Officer		First Engineer	
Security Officer		Date Printed		Completed Date			

Below this is the 'Checklist Questions' section, which contains a table of questions with checkboxes and a 'User Added' column. The questions are categorized by type (e.g., Emergency, Hotwork, Hotwork3).

Category	Question	Yes	No	NA	NG	User Added
Emergency	20. Section of pipeline certified gas free?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Emergency	21. Pipeline continuously ventilated and exhausting air monitored for hydrocarbon?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Emergency	22. Have emergency and contingency scenarios been taken into consideration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Emergency	23. Is there an escape plan ready?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hotwork	24. Continuous ventilation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hotwork	25. Working area and adjacent/adjacent non-cargo spaces certified gas free.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hotwork	26. Water bottom in tanks requiring hotwork, if applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hotwork	27. Has the hotwork area been cleaned as required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hotwork	28. Have interconnecting pipelines been flushed, drained, vented and isolated? Pipelines may also be inerted to less than 2% HC or completely filled with water.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hotwork	29. Heating coils flushed and found free of hydrocarbons, if applicable?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hotwork	30. If adjacent cargo spaces are gas free, is LFL less than 1%?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hotwork	31. If adjacent cargo spaces are inerted, is Hydrocarbon level less than 2% by volume?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hotwork	32. Duct Gas lines leading to hotwork area (cargo space) and tanks containing algae been isolated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hotwork3	33. Electrical welding earth return cable connected to welding machine and not to ship's structure?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hotwork3	34. All cargo tanks within a 30 m radius cleaned and gas freed with LFL less than 1% or emptied and purged with HC less than 2%?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Hotwork3	35. If hotwork near bunker tanks, is it at least 500mm away from the bulkhead or tank deck?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Measure performance of vessels, observations and non-conformities, areas of most concern through interactive dashboards and reports using the inbuilt visual reporting tools

### Controlled Documentation:

- Inbuilt document management module for controlled documentation such as the Safety Management System or Company policies.
- Ability to track, notify and remind user to read updated documentation upon sign in throughout the fleet.
- Customisable process by configurations for performing of document reviews, approvals of changes and sign in to the fleet.
- Easy ability to post comments on to documents for masters to perform SMS reviews onboard vessels.
- Tight integration to Microsoft Word for revision of documents, tracking of changes, and auto conversion to PDFs.





## Safety XE and the One Connected Maritime Platform

The core of the Safety XE solution, which consists of safety reporting, document management, risk assessments and certificate management is integrated as part of the 'One Connected Maritime Platform,' enabling all connected applications to share master data.

Heavy coupling between the Safety XE and Technical XE applications, enables users to complete risk assessments while finalizing tasks, follow checklists to make sure required items are covered while helping new engineers to become familiar with work requirements. Risk Assessments and Occurrences (Safety Reporting) are linked to various other parts of the system to promote safeguards such as part of work orders from the Technical modules or linked to Incident and Reporting Management such as for hot work permits. The connection between the two applications also provides maintenance & overhaul history tracking in forms such as Crank Shaft Deflections and Tank Inspection Readings, helping to identify critical areas to focus on in the future. Finally, the integration enables the Technical Defects Module to become the official safety & repair list through providing corrective actions by way of performance of root cause analysis, changes of policies or working with conditions of class and dry dock items.

The integrated solutions enable manufacturers' manuals to be linked with work orders, providing Seafarers with a quick and easy reference to maintenance procedures.

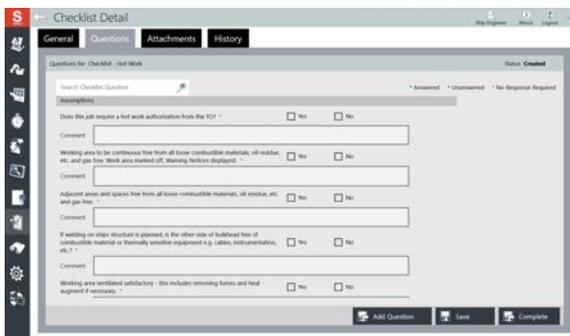
**Safety XE Top 5 Features**

1. Risk Management
2. Incident Management
3. Inspections and Audits
4. Controlled Documentation
5. Ship Certificates

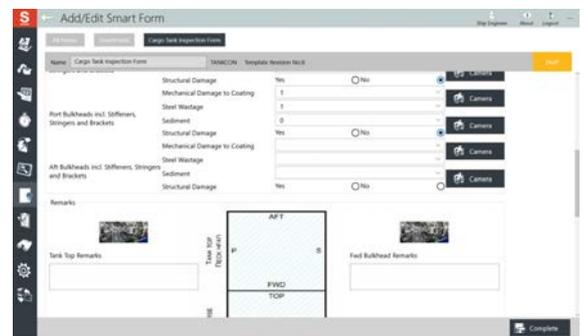
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### Mobility Onboard:



Complete Checklists on site



Fill up technical forms

[Watch our Mobility Onboard Video >>](#)

### Cloud Sync:

With ShipNet's native cloud sync technology, information between ships and offices are always in-sync. Removing the need to rely on email or other store and forward systems to synchronize various environments. Security and reliability of transactions have been the core focus of this feature and has been designed to work in the maritime ecosystem.

[Watch our Cloud Sync Video >>](#)

