

Shipnet Safety

The Complete Safety and Quality
Management Solution For Your
Fleet.

Fact Sheet





Shipnet Safety

Safety & Quality
Management
Solution for the
shipping industry

Mitigate risk in your fleet

Your fleet's health, safety, security, environmental reporting and incident investigation all in one central source.

The pressures and challenges that Marine and Safety professionals face are continually intensifying, with regulations and inspections from the likes of oil majors on tanker operators on the rise. Safety Professionals are tasked with ensuring workplace safety and continually assessing 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.

Who uses our Safety Solution?

- Marine Superintendents
- Technical Superintendents
- Ship's Master

What is Shipnet Safety?

The Safety 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 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.

Safety focusses on automating the admin duties attached to health and safety, prioritising process over paperwork. Leaving managers with more time to promote and implement initiatives across the fleet.

The benefits

1. **Increase Reliability and Safety Onboard**
2. **Support Continuous Improvement**
3. **Identify and Control Risks**
4. **Promote Organisational Learning**
5. **Monitor Statistics and measure Key Performance Indicators**
6. **React faster and improve effectiveness**

Risk management

We prioritise hazard identification, the implementation of mitigation measures, and the prevention of serious issues, for safer operations across the board.

Keep tabs on vital info

Keep track of ship certificates and your company policy revisions, automatically notifying users when updates or readership are needed.

Request a demo today for a personalized walkthrough of the solution

What are the fundamental Values & Benefits of Shipnet Safety?

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.

Identify and control risks

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

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.

Support continuous improvement

- Perform audits, vetting, and inspections and follow-up on actions.
- 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.

Promote organisational learning

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

React faster and improve effectiveness

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

Safety Feature Specification

Develop a proactive safety culture both onboard and onshore 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).

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 and 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 and 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.

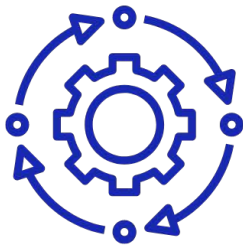
The integrated solutions enable manufacturers' manuals to be linked with work orders, providing Seafarers with a quick and easy reference to maintenance procedures.

Safety and the Shipnet ONE your connected maritime platform

Safety consists of safety reporting, document management, risk assessments, and certificate management which is integrated as part of Shipnet ONE, enabling all connected applications to share master data.

Better task management , improve efficiency

Heavy coupling between the Safety and Technical applications enables users to complete risk assessments while finalizing tasks and follow checklists to make sure the required items are covered - while helping new engineers to become familiar with work requirements.



Hazards

Identify all the hazards associated with a certain task. Hazards get added to the master list as well for easy picking for the new risk assessment template.

Effects

Identify all possible effects of the hazard by applying probabilities and consequences of each in order to arrive at a potential risk level.



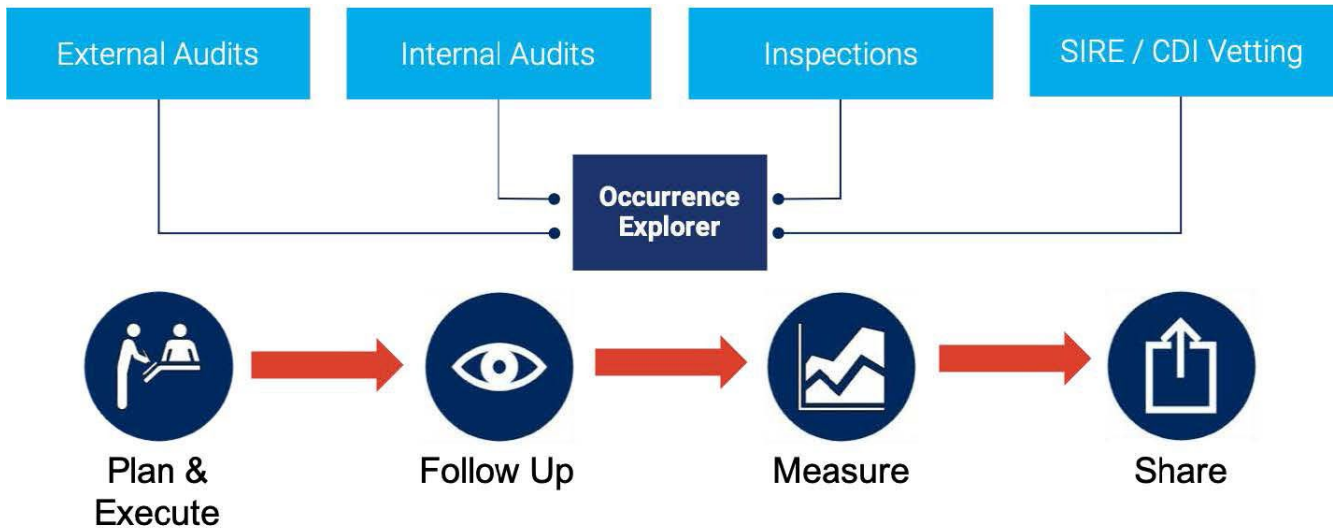
Controls

Identify and apply all necessary control measures in order to arrive at a residual risk level.



Build your business workflows into our solution

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



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

The screenshot shows a software interface for a checklist titled 'Checklist - Hot Work'. The top section contains metadata such as 'Checklist Date: 02/10/2018', 'Created By: BAGJIT CHARAVARTY', and 'Checklist Status: Created'. Below this is a 'Checklist Questions' section with a table for recording responses. The table has columns for 'Category', 'Question', and several columns for 'Yes', 'No', 'NA', and 'NS' responses. A 'Comment' column and a 'User Added' column are also present. The interface includes a search bar and various icons for actions like adding, deleting, and printing.

Category	Question	Yes	No	NA	NS	Comment	User Added	
Emergency	19. Section of pipeline disconnected and remaining pipework blanked off?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	20. Section of pipeline certified gas free?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	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"/>			
	25. Working area and adjacent/diagonal non-cargo spaces certified gas free.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	26. Water bottom in tanks requiring hotwork, if applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	27. Has the hotwork area been cleaned as required?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	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"/>			
	29. Heating coils flushed and found free of Hydrocarbons, if applicable?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	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"/>			
	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"/>			
	32. Inert Gas lines leading to hotwork area(s) (cargo space) and tanks containing slops been isolated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	HotWork2	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 end?	<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 users 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 to post comments on to documents for masters to perform SMS reviews onboard vessels.
- Tight integration to Microsoft Word for revision of documents, tracking changes, and auto conversion to PDFs.

Ship certificates

We have a dedicated module that manages the lifecycle of ship certificates, including auto alerts for expiry and survey notifications.

Ship Certificate Explorer - Filtered By: Site - SHIPNET AUSTRALIA (049)

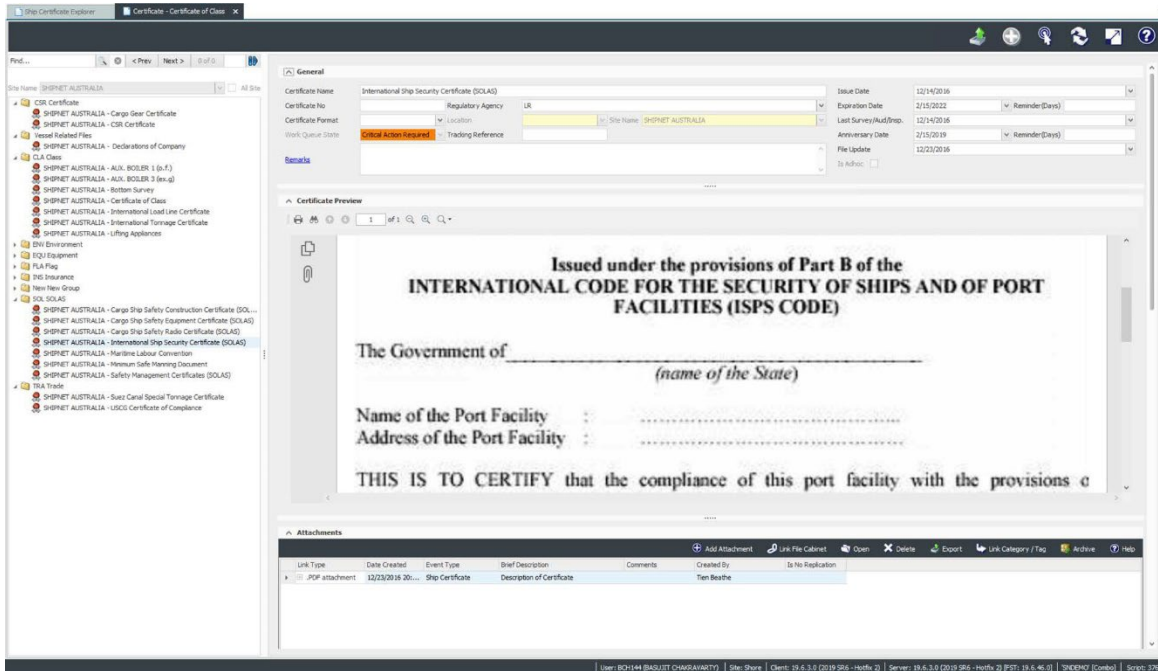
Certificate Groups: 25 All Groups, 2 CSR Certificate, 1 Vessel Related Files, 7 Class, 8 Environment, 3 Equipment, 1 Insurance, 1 New Group, 1 SOLAS

Site Name	Group Reference	Group Name	Type Reference	Type Name	Certificate Name	Certificate Number	Work Queue State	Format	Location	Issued Date	Expiration Date
SHIPNET AUSTRALIA					Certificate of Fitness - Dangerous Chemicals		Preliminary				
SHIPNET AUSTRALIA		CSR Certificate			Cargo Gear Certificate	2332333	Expired	Electronic	Uploaded	10/22/2019	10/23/2019
SHIPNET AUSTRALIA		CSR Certificate		CSR Certificate	CSR Certificate		Valid				
SHIPNET AUSTRALIA		Vessel Related Files		Declarations of Company	Declarations of Company		Preliminary	Electronic	Uploaded	3/28/2019	12/31/2019
SHIPNET AUSTRALIA	CLA	Class	CLA-01	Certificate of Class	Certificate of Class		Expired			1/12/2018	2/13/2023
SHIPNET AUSTRALIA	CLA	Class	CLA-02	International Load Line Certificate	International Load Line Certificate		Expired			1/18/2014	2/13/2019
SHIPNET AUSTRALIA	CLA	Class	CLA-03	International Tonnage Certificate	International Tonnage Certificate	CPA0201000A	Valid			1/18/2014	
SHIPNET AUSTRALIA	CLA	Class	CLA-06	Bottom Survey	Bottom Survey		Expired			1/18/2014	2/12/2019
SHIPNET AUSTRALIA	CLA	Class	CLA-07	AUX. BOILER 1 (p.f.)	AUX. BOILER 1 (p.f.)		Expired			1/18/2014	2/12/2019
SHIPNET AUSTRALIA	CLA	Class	CLA-09	AUX. BOILER 3 (ex.g)	AUX. BOILER 3 (ex.g)		Expired	Electronic	Uploaded	1/18/2014	2/12/2019
SHIPNET AUSTRALIA	CLA	Class	CLA-10	Lifting Appliances	Lifting Appliances		Expired			1/18/2014	2/13/2019
SHIPNET AUSTRALIA	ENV	Environment	ENV-01	International Air Pollution Prevention Certificate	International Air Pollution Prevention Certificate	LR5098329	Valid	Paper		6/6/2019	6/5/2024
SHIPNET AUSTRALIA	ENV	Environment	ENV-02	IOPP Certificate	IOPP Certificate		Expired			8/30/2017	2/13/2019
SHIPNET AUSTRALIA	ENV	Environment	ENV-03	Int'l Sewage Pollution Prevention Certificate	Int'l Sewage Pollution Prevention Certificate	BRN 1401001	Expired			1/12/2014	2/13/2019
SHIPNET AUSTRALIA	ENV	Environment	ENV-04	International Anti-Fouling System Certificate	International Anti-Fouling System Certificate	BRN 1401001	Valid			1/12/2014	
SHIPNET AUSTRALIA	ENV	Environment	ENV-06	Engine International Air Pollution Certificate	Engine International Air Pollution Certificate		Valid			3/6/2007	
SHIPNET AUSTRALIA	ENV	Environment	ENV-09	International Energy Efficiency Certificate	International Energy Efficiency Certificate	BRN 1401001	Valid			1/12/2014	
SHIPNET AUSTRALIA	ENV	Environment	ENV-10	Inventory of Hazardous Material SOC	Inventory of Hazardous Material SOC		Expired			1/12/2014	2/13/2019
SHIPNET AUSTRALIA	ENV	Environment	ENV-11	International Ballast Water Management Certificate	International Ballast Water Management Certificate		Valid			8/30/2017	2/13/2019
SHIPNET AUSTRALIA	EQU	Equipment	EQU-01	Certificate for Life jackets	Certificate for Life jackets		Expired			1/6/2017	1/5/2018
SHIPNET AUSTRALIA	EQU	Equipment	EQU-02	Certificate for Life boat	Certificate for Life boat		Expired			12/7/2016	12/7/2017
SHIPNET AUSTRALIA	EQU	Equipment	EQU-03	Certificates for Life Rafts	Certificates for Life Rafts		Expired			5/2/2017	5/2/2018
SHIPNET AUSTRALIA	INS	Insurance	INS-02	CLB, CLC, WRC, ITOPF	CLB, CLC, WRC, ITOPF		Expired			2/20/2018	2/20/2019
SHIPNET AUSTRALIA	New	New Group	NC1	New Certificate Type 1	New Certificate Type 1		Valid			7/2/2019	7/1/2024
SHIPNET AUSTRALIA	SOLAS	SOLAS	SOLAS-10	Maritime Labour Convention	Maritime Labour Convention		Expired			12/14/2016	6/22/2018

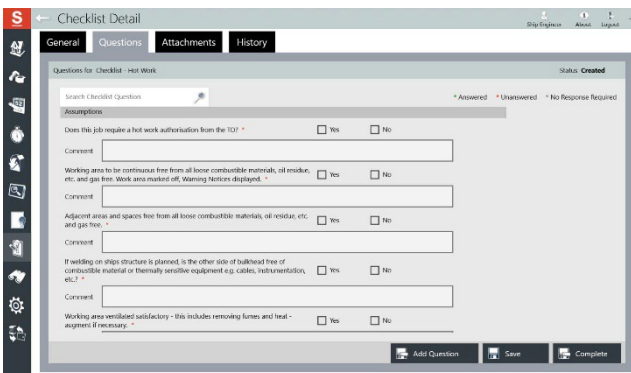
WQ States & Filters: 25 All, 2 Preliminary, 8 Valid, 14 Expired, 1 Undefined, 1 Adhoc certificates, 3 Due, 16 Overdue

Gain complete control over the latest certificates in the system by quickly previewing certificates and information when required.

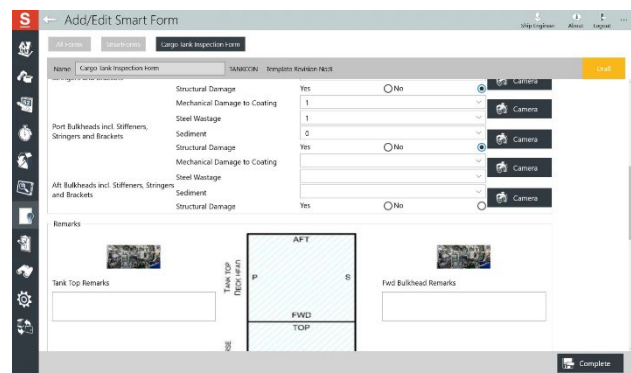
Export multiple certificates directly to a folder or email for port document preparation.



Mobility OnBoard



Complete checklists



Fill up technical forms

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.

With **Mobility Onboard** you can...

- Ease the pain for Seafarers of rolling out a new system onboard.
- Allows onboard users, with limited or no training, to operate Planned Maintenance, Inventory Management, and safety-related matters efficiently.
- Reduce the amount of time taken to roll out ships, giving a faster return on investment.

With **Cloud Sync** you can...

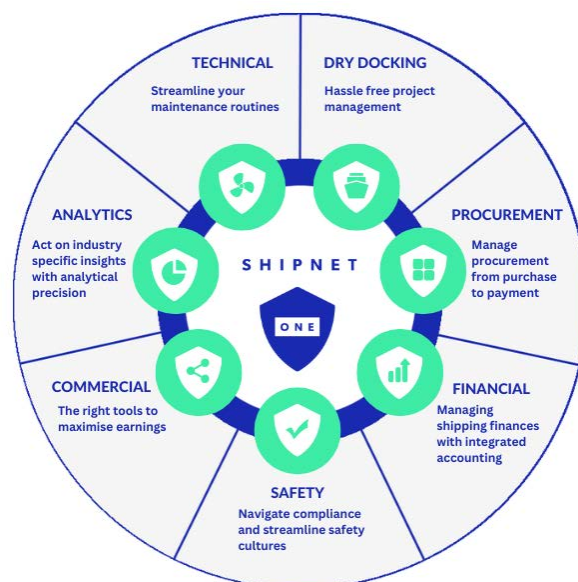
- Ensure information between ships and offices are always in-sync.
- Remove the need to rely on email or other store and forward systems to synchronize various environments.
- Ensure security and reliability of transactions

Top Five Features

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

Full integration with Shipnet ONE

Manage commercial ops and see to the fleet's technical needs, safety, logistics, and finances, all in one place. It's a complete integrated support and business solution, with you for the whole voyage.



Take your business to the **next level.**

Shipnet

Brilliant Group AS
Setersoevegen 2c
Postbox
912151
Aarnes
Norway

E: sales@shipnet.no
W: www.shipnet.no