



Making Risk Management more effective.

Marine Incident investigation, surveys & consultancy



MATE™

Marine Application for survey, reporting
and *Trend Evaluation*



What is MATE™ ?

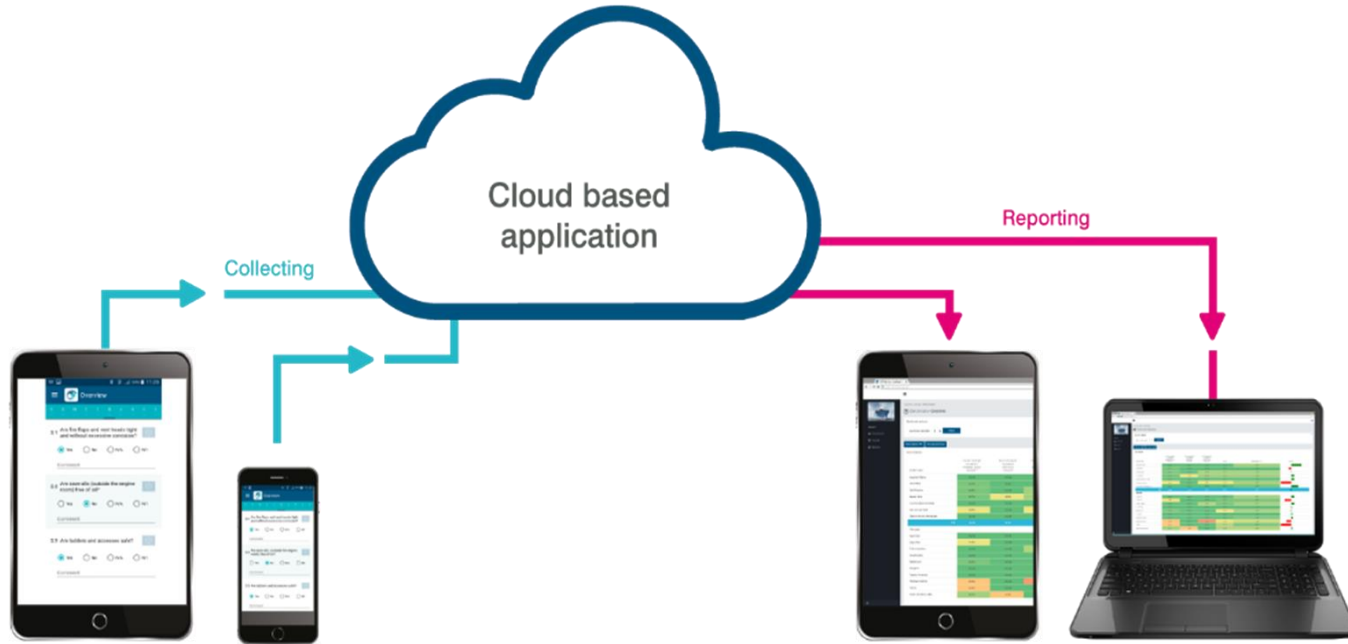
MATE™ is a vessel monitoring tool

MATE™ is a cloud-based tool that translates the results of physical inspections into scoreboards and graphs, highlighting risk areas helping clients to improve vessel performance and mitigating risk.

MATE™ follows a pre-defined inspection format

MATE™ / BizzTouch

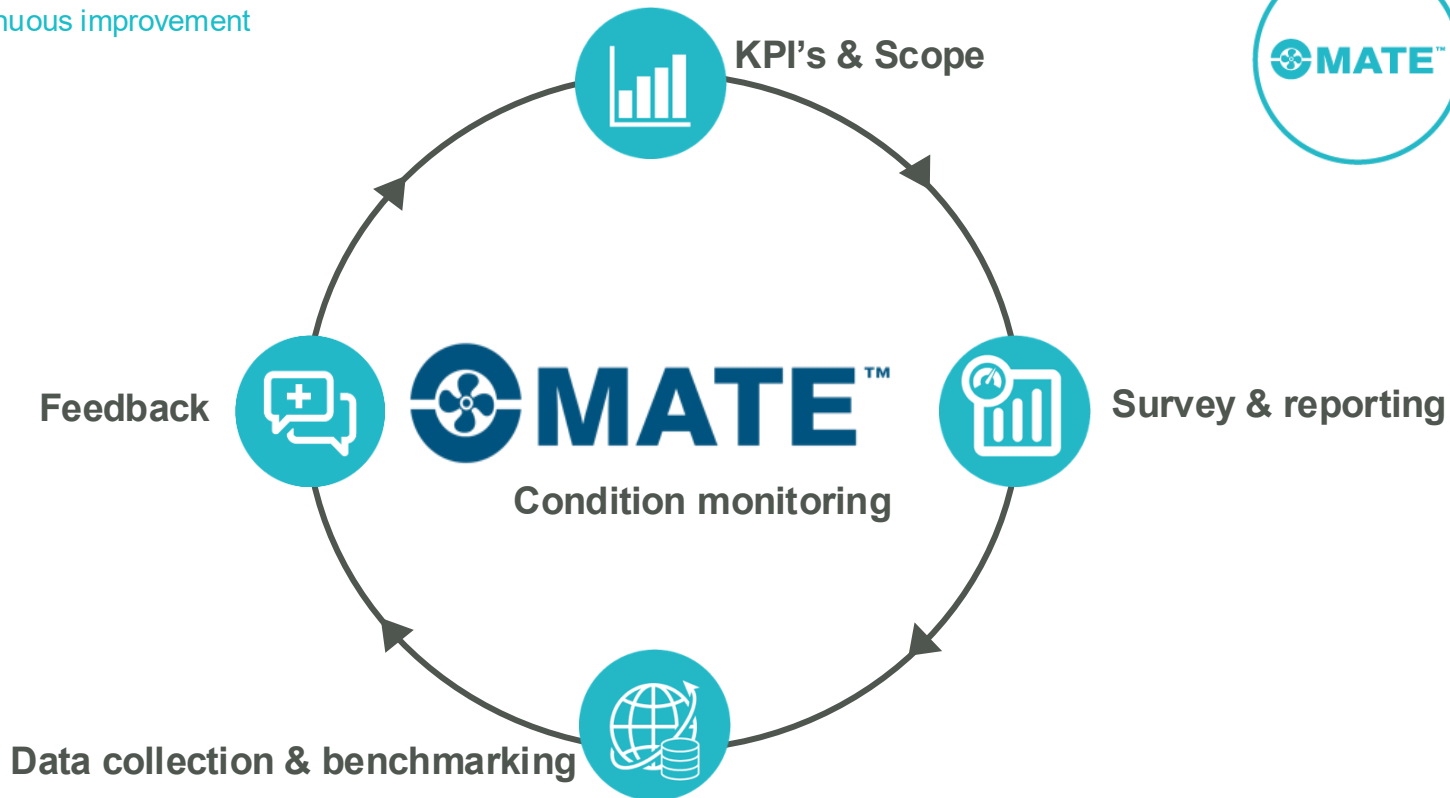
Collecting – Reporting – Risk Assessment



A true
cloud-based
platform

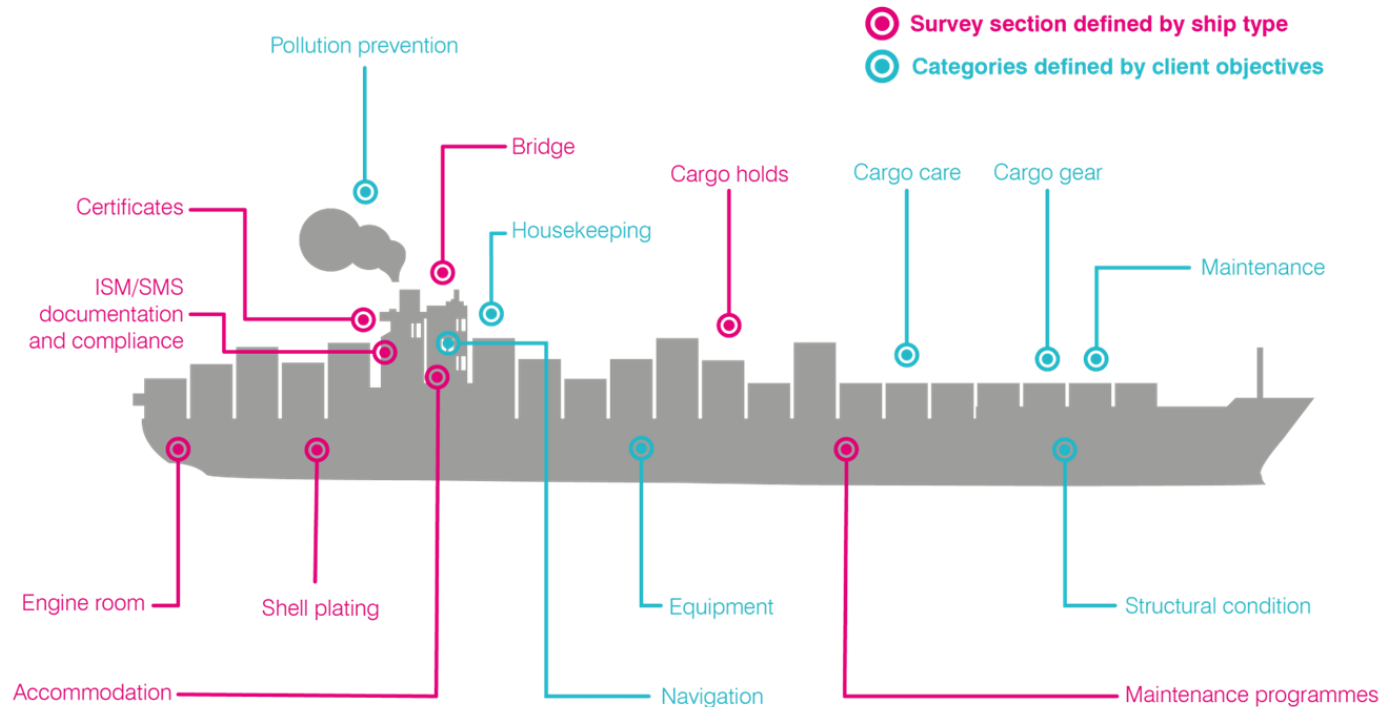
MATE™ / BizzTouch

Process of continuous improvement



KPI's and Scope

Definition of the scope



KPI's and Scope

Risk assessment defining the scope



Likelihood of a hazard occurring

<i>Very likely</i>	<i>Very likely to occur if not remedied</i>
<i>Likely</i>	<i>Likely to occur, but not immediately</i>
<i>Remote</i>	<i>Small chance of occurrence</i>
<i>Improbable</i>	<i>Very small chance of occurrence</i>

KPI's and Scope

Risk assessment defining the scope



<i>Consequence of the hazard occurring</i>	
<i>Catastrophic</i>	<i>Fatalities, severe damage to the vessel, cargo or environment. Extensive period of the vessel being (completely) inoperable. Major public attention.</i>
<i>Critical</i>	<i>Major injuries, damage to the vessel, cargo or environment. Vessel being inoperable for at least some days and/or important equipment being out of service for a longer period affecting the vessel's deployment (cranes, auxiliary engines, etc.). Limited / some public attention.</i>
<i>Major</i>	<i>Injuries, some damage to the vessel or cargo but not extensive. No environmental impact. Vessel being inoperable for max. one day and/or important equipment being inoperable for at least a few days. No / negligible public attention.</i>
<i>Minor</i>	<i>No injuries, negligible damage. Vessel experiencing only small delays (some hours max.)</i>

KPI's and Scope

Risk assessment / establishing weight factors



This can be translated into the following risk matrix:

		<i>Consequence</i>			
		Minor (1)	Major (2)	Critical (3)	Catastrophic (4)
<i>Likelihood</i>	Very likely (4)	4	8	12	16
	Likely (3)	3	6	9	12
	Remote (2)	2	4	6	8
	Improbable (1)	1	2	3	4

KPI's and Scope

Ship scoring principle



Risks and/or shortcomings on board are ranked on basis of their importance and client requirements, by assigning a weight factor to each question

The higher the risk or the importance, the higher the weight

Section	Weight factor			Risk Area 1	Risk Area 2	Risk Area 3
Question 1	18%	✓	18%	54%		
Question 2	27%	✗			0%	
Question 3	20%	✓	20%		42%	
Question 4	10%	✓	10%			50%
Question 5	15%	✗		0%		
Question 6	10%	✓	10%			50%
Question 1	100%		58%	54%	42%	100%

Survey and reporting

Collecting findings to converting to data



**Guidance
Notes**



**Surveyor
training**



**Unique
Yes/No
answers**



**Clear
questions**



**Quality
control**



Consolidated & consistent view across your fleet

Data collection & benchmarking



BROWSE

Benchmarks

Reports

Pending items

Manuals

YOU ARE HERE > Benchmarks > Selection

Benchmarks - Selection

General overview

Choose owner

Choose IMO

Choose technical manager

Choose commercial manager

Choose crew manager

Choose a start and end date

07-03-2023

08-03-2024

Select a year of build

1998

2021

Select a range for Gross Tonnage

5152

236583

Select a range for TEU

0

23104

Show overview

Optional:

Set filters to restrict the number of inspections for benchmark calculation.

Choose owner

Choose IMO

Choose technical manager

Data collection & benchmarking

Clear overviews

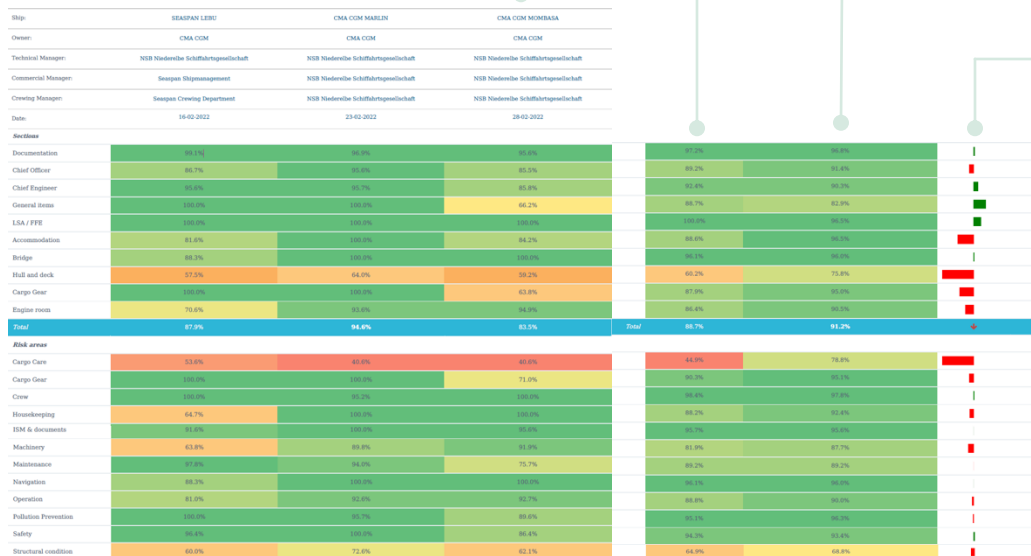
Inspection results

Overall score

Benchmark score



Benchmark comparison

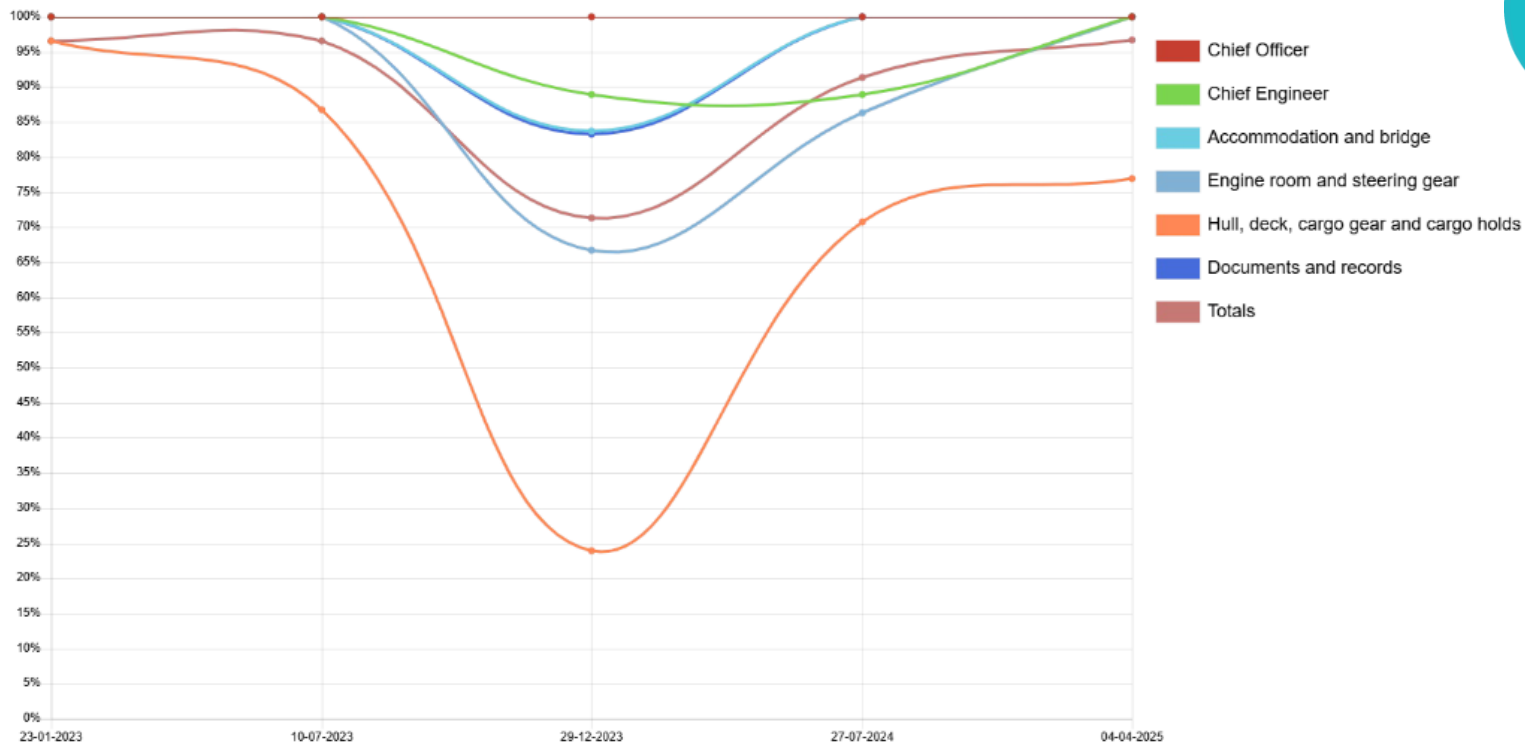


Sections

Risk Areas

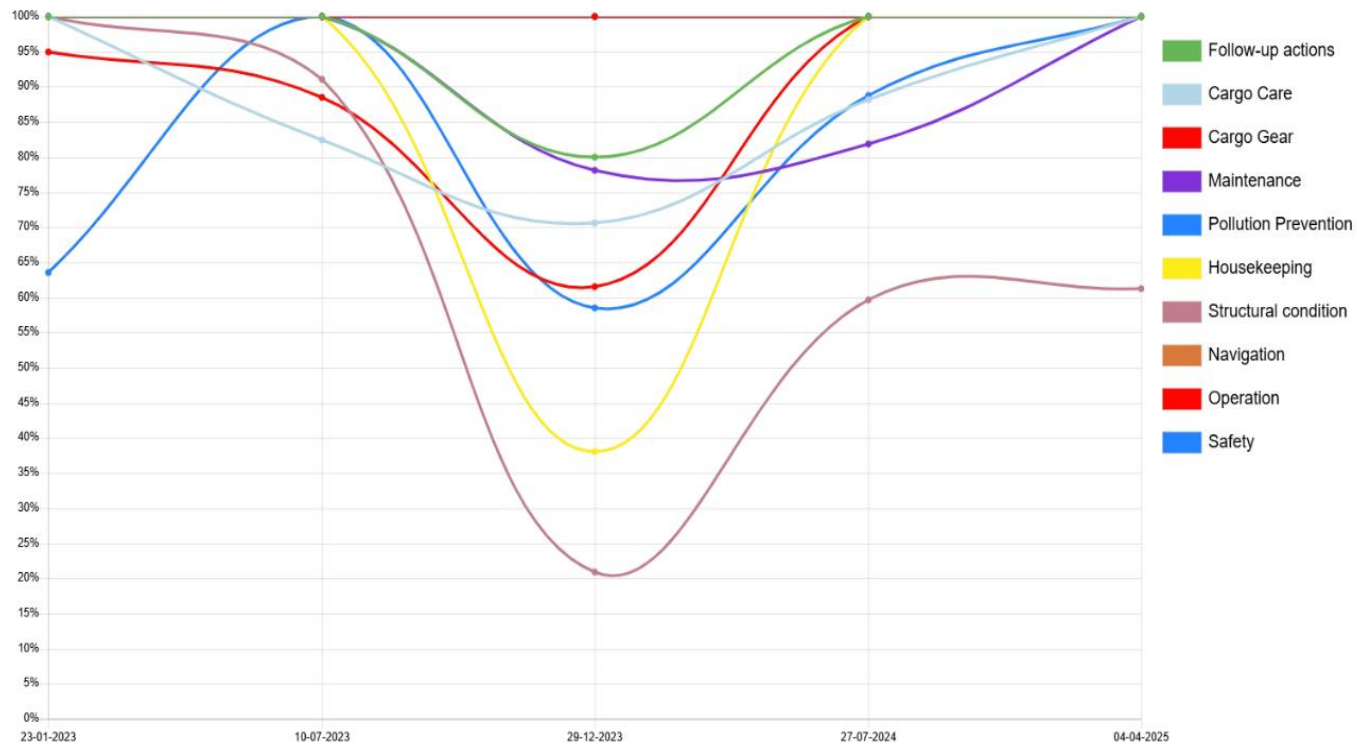
MATE™ in action

Sections



MATE™ in action

Risk Areas



BMT Surveys' cloud-based MATE™ platform and standardised physical surveys deliver:



**The data that
underpins the
most effective
risk management**



**The most
objective and
consistent view
of the entire fleet**



**The most
comprehensive
insights for
benchmarking
and improving
performance**



**The most
transparent
visibility for
stakeholders**

BMT surveyor's network





Thank you