

Innovation for Stronger, Safer Ports

MedPorts 2026

TT Club

TT CLUB
IS MANAGED
BY **THOMAS
MILLER**



TT Club overview



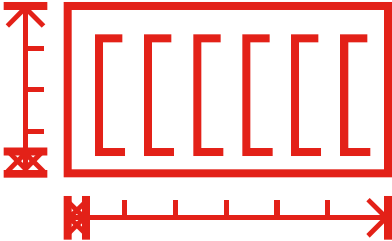
TT stands for 'through transport'



Club denotes our mutual status



Most comprehensive cover



Tailored to your needs

TT Club overview

1968

The year TT Club was established and containers revolutionised freight transport.

80%

Percentage of the world's maritime containers insured by TT Club.

65%

We have an insurable interest in 2/3 of the top 100 ports worldwide.

20⁺

The number of dedicated countries in which TT Club has dedicated offices.

“

The TT Club's mission is to make the global transport and logistics industry safer, more secure and more sustainable

”

Creating added value



- Analysing TT Club claims data to identify and communicate trends
- Providing technical and risk management advice focused on reducing claims occurrence
- Participating with key industry associations
- Delivering practical, accessible guidance
- Assisting improvement of risk assessment, mitigation and control
- Maintaining awareness of emerging risks
- Exploring digital opportunities to access big data to improve understanding of risk

The Loss Prevention Team



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Innovation & Adaptation

Innovation

- State of the art technology?
- Significant operational disruption to facilitate?
- Requires significant investment?
- Isolated benefits?
- Bottom-up operational innovation is key
- Collaboration is key



Climate Adaptation

- Is climate change an opportunity?
- “No-regret” options
- Resilience measures can improve efficiency
- Service continuity
- Insurer confidence
- Predictability for customers

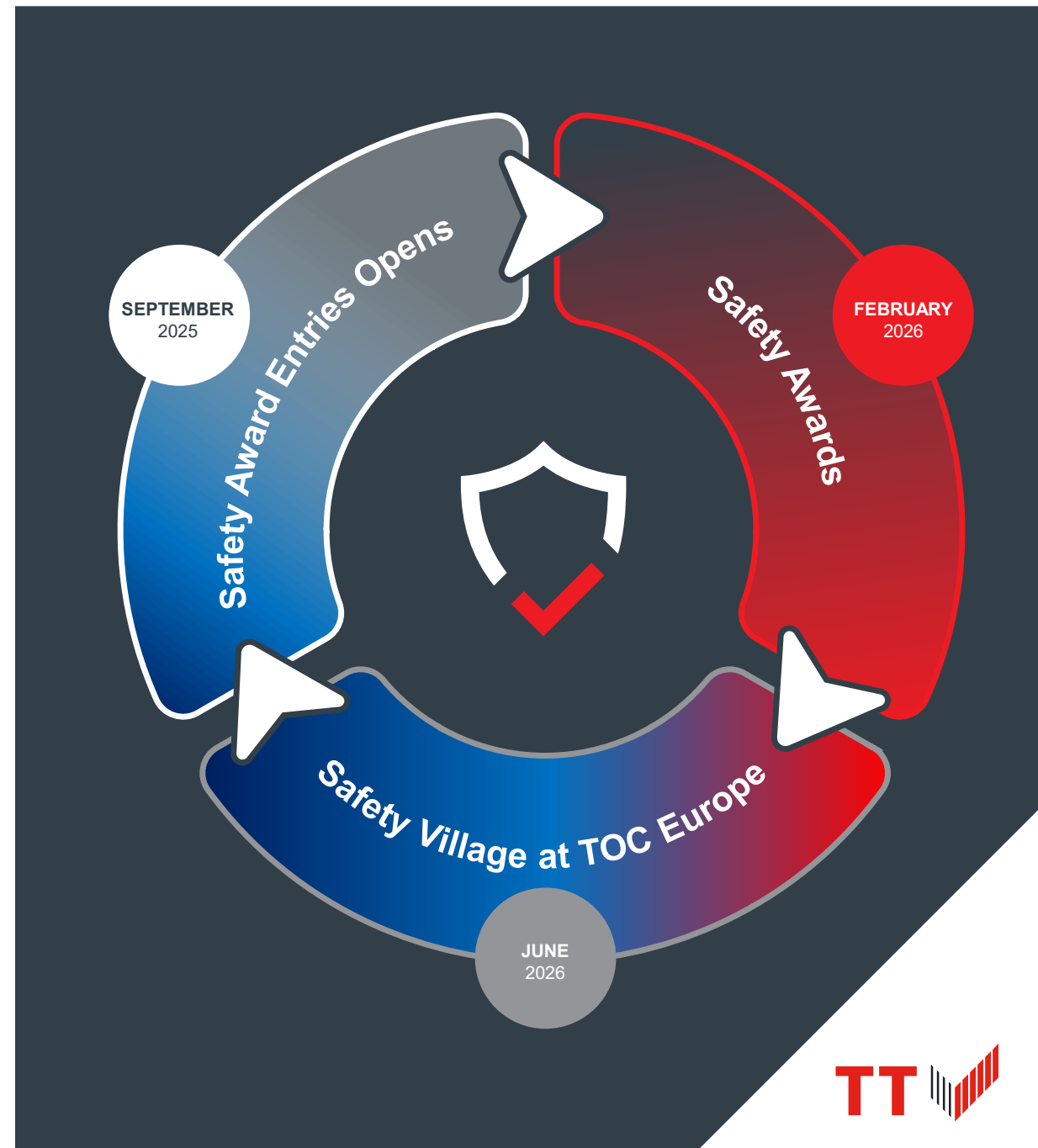


Innovation in safety awards



Award cycle

- TOC Europe safety village (May 2026 Hamburg)
- Expansion to TOC Africa, Americas & Asia
- 8th Innovation in safety awards launch (Sept 26)
- Innovation hub on TT Club website
- Collaboration with ICHCA, TOC
- Importance of collaboration



Innovation in safety award: Categories

Learning and engaging

Technology meets traditional safety training through virtual reality & advanced simulation transforming how you think about cargo training and safety



Making Operations Safer

Groundbreaking ways of making cargo handling physically safer from advanced cargo securing to automated systems that can reduce human exposure to risk



Segregating People & Machines

Keeping pedestrians and moving equipment apart is safety critical. State-of-the-art collision avoidance, remote operation & AI driven safety monitoring systems



Turning Data into Insight

Uncovering the power of data for cargo safety. Advanced mooring, workplace & vessel assessment tools reflecting the pinnacle of data-driven safety



Innovation & Collaboration



Cepa cv x Port of Antwerp

What is it?

- A new ergonomic design lashing tool
- Associated training programme

How does it help?

- Ergonomic design addresses manual handling risk
- Reduces musculoskeletal injuries



Lyttleton Port

What is it?

- Drone-based inspection process
- High-resolution camera technology
- Remote inspections of containers and stacks
- Approved and trained in-house operation

How does it help?

- Eliminates working at height
- Removes people from live operational areas
- Reduces person–plant interaction risk
- Increases inspection speed and coverage



Shoreham Port

What is it?

- Port-designed dunnage placement tool
- Lightweight pole with angled dunnage holder
- Enables precise ground-level placement
- Developed with front-line operatives

How does it help?

- Eliminates working at height
- Removes fall-from-height risk
- Improves placement accuracy
- Maintains loading efficiency



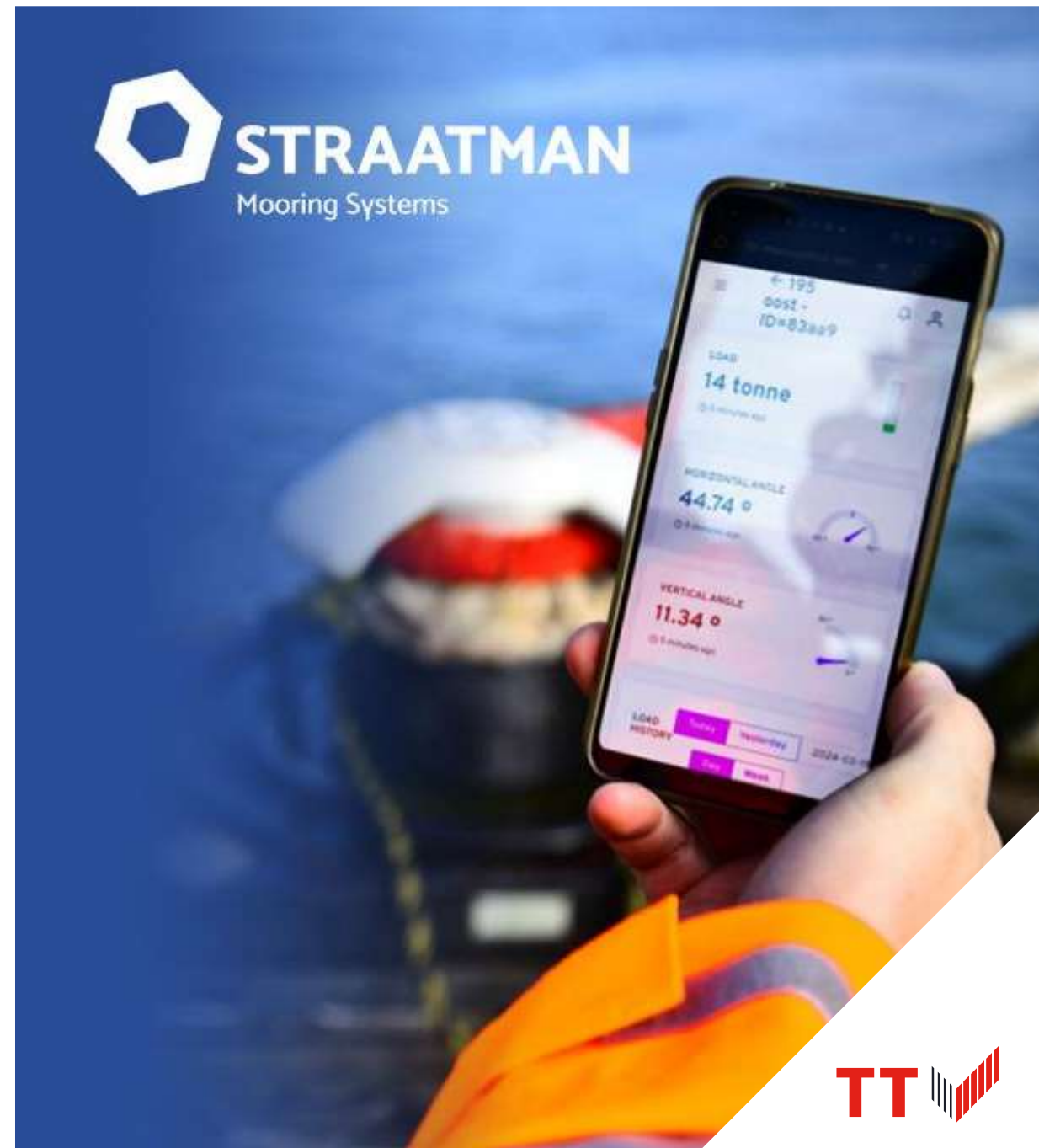
Straatman x Port of Rotterdam

What is it?

- Smart bollard
- Provides real time load force measurement
- Identify overloading or changes during mooring period

How does it help?

- Reduces risk of bollard failure
- Reduces risk of mooring line failure
- Increase operational efficiency



Long Beach Container Terminal x Mi-Jack

What is it?

- Overhead load protection system
- Tracks personnel under crane routes
- Automated crane-movement lockouts
- Real-time zone monitoring

How does it help?

- Prevents overhead-load incidents
- Removes fatal-risk exposure
- Adds automated safety layer
- Supports safer crane operations



What is it?

- Automated hazard identification software solution
- Hosted through existing CCTV network
- AI powered analytics
- Ability to build bespoke solutions

How does it help?

- Provides a constant and consistent management information
- Builds large volumes of data (near miss)
- Drives positive cultural change
- Ability to identify and analyse all behaviours



What is it?

- Pilot-transfer safety guidance
- Practical tools for high-risk tasks
- Produced by practising pilots
- Standardised operational advice

How does it help?

- Improves pilot-transfer safety
- Reduces transfer-related incidents
- Aligns ports to best practice
- Supports safer daily operations



Active Training Team x Ørsted

What is it?

- Immersive safety-leadership training
- Scenario-based workshops
- Behaviour & communication focused
- Designed for frontline teams

How does it help?

- Builds stronger safety culture
- Improves hazard awareness
- Strengthens intervention behaviours
- Boosts workforce engagement



Thank you

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