BULK TERMINALS MARSEILLE 2025

29–30 OCTOBER 2025

ASSOCIATION OF BULK TERMINAL OPERATORS (ABTO)

Marseille
29 October 2025

TT CLUB
IS MANAGED
BY **THOMAS
MILLER**

7th Innovation in safety awards

Innovation in safety award 2025: Submissions

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

Learning and engaging

Highly commended: Port Skills and Safety

What is it?

- Educational tool
- Emergency flash cards
- Minimal preparation
- Framework approach to test and strengthen emergency planning

How does it help?

- When is the worst time to test your emergency procedures?
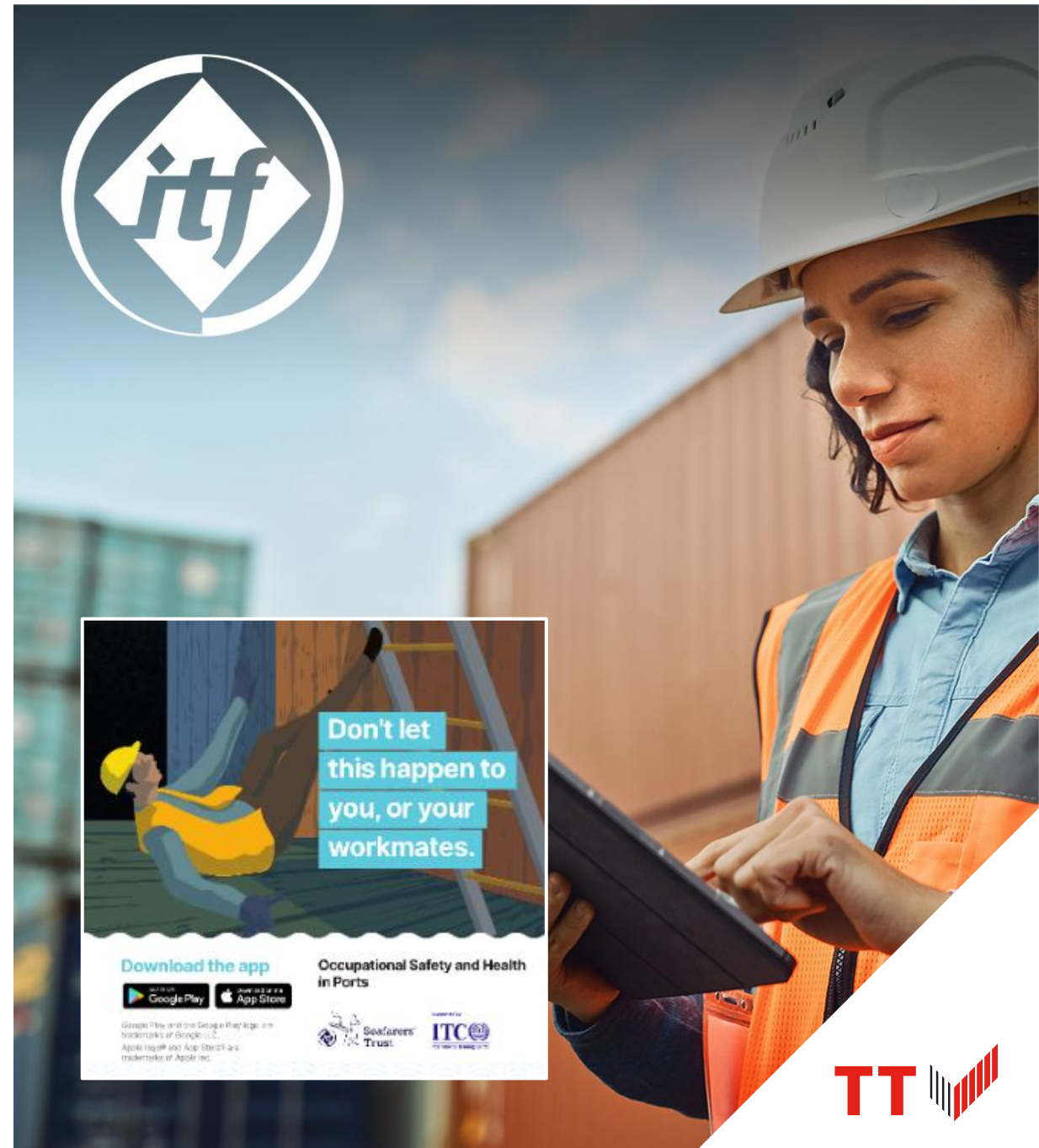- Structured drills
- Engaging the workforce

Winner: International Transport Workers' Federation and ITF Seafarers' Trust

What is it?

- Educational training app
- Focused on port environment
- Targeting front line personnel
- Fundamental principles of occupational H&S

How does it help?

- Goal to reduce injury claims
- A focus on the "why?" assist engagement
- Assists in conveying hazard identification
- Controlling risk

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Making operations safer

Highly commended: Cepa cv

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

Winner: RAM Spreaders

What is it?

- Newly designer spreader for lifting pipes
- Automatic latching and unlatching
- Removes the need for ropes, chains and slings
- Reduces stevedore interaction

How does it help?

- Automation of process drives efficiencies
- Reduces a range of risks
  - Working at height
  - Manual handling
  - Incorrect lashing

Segregating people and machines

Highly commended: Strata pedestrian detection system

What is it?

- RTG mounted smart camera technology

- AI driven solution

- Hazard identification (pedestrian/vehicle)

How does it help?

- Reduces risk of collisions

- Collates large volumes of data (near miss)

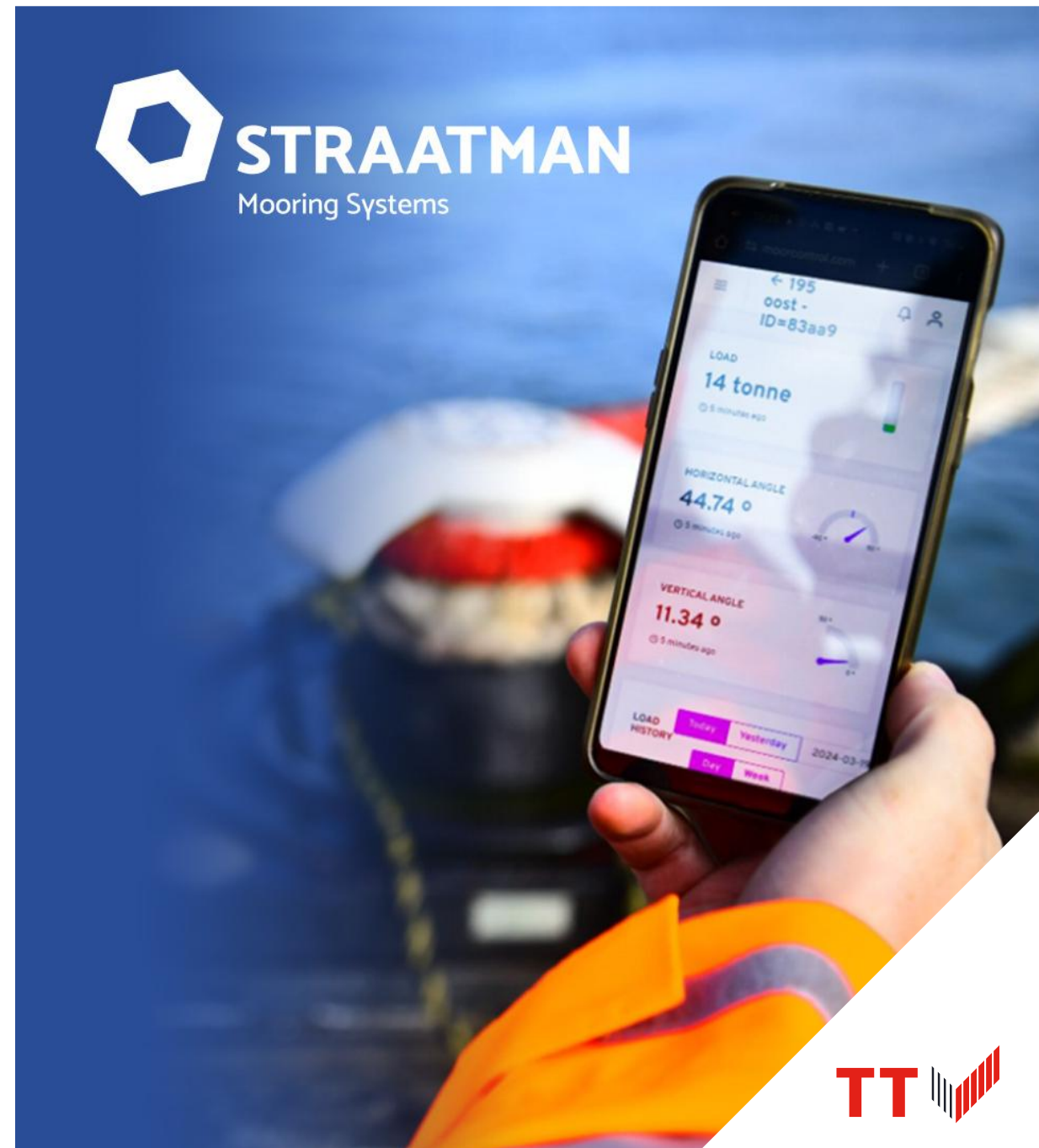- Alerts the RTG operator of hazards

- Drives cultural change

Winner: Straatman

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

Turning data into insight

Highly commended: Pandora Intelligence

What is it?

- Cargo intelligence tool
- Consistent data driven risk assessment platform

How does it help?

- Provides actionable and predictive intelligence
- Could detect mis-declared cargoes
- Reduces false positives
- Drives operational efficiency

Winner: Voxel

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

Awards ceremony - February

Awards ceremony

- Hosted in London

- Collaboration ICHCA & TOC

- TT Chairman – Keynote

- Panel discussion
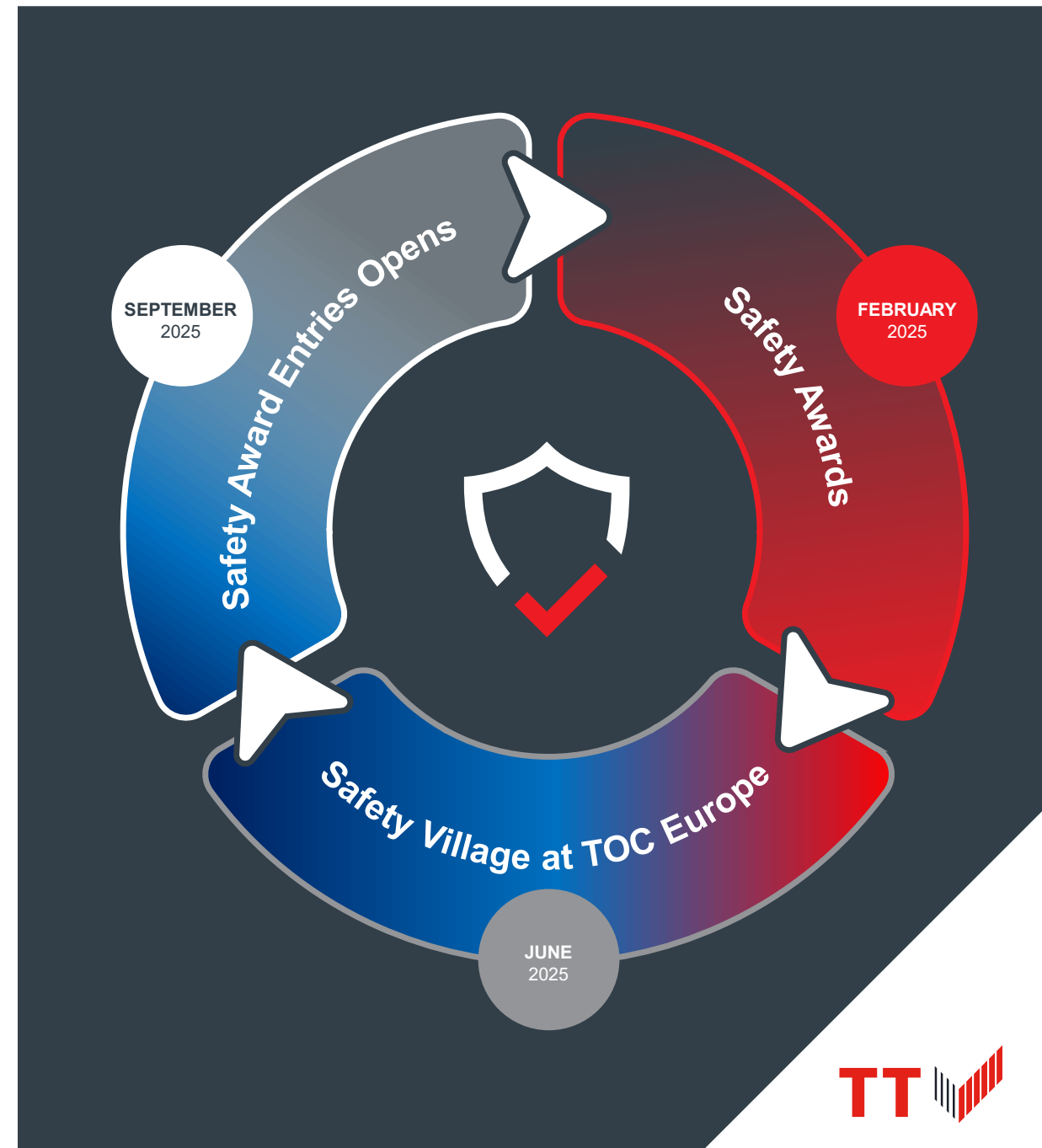
- Four award winners announced

What's next?

Award cycle

- TOC Europe safety village (June 2025)

- Expansion to TOC Africa, Americas & Asia

- 8th Innovation in safety awards launch (Sept 25)

- Aspiration to develop an innovation hub

- Recognise the importance of enabling technology (5G)

- Importance of collaboration

Human safety related initiatives

Current guidance initiatives

- Focus on automation of operation

- Cargo theft (truck driver safety and well being)

- Managing third party truck drivers

- Incident management

- Mis-seated containers

- Personal protective equipment

- Working at height

- Insider threat

- Clandestine migration

Future guidance initiatives

- Managing third party truck drivers

- Fire risk

- Climate adaptation

- Risk maturity assessment tool

- Safe mooring operations

Thank you
Any questions?

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