



DTM Global

Advanced Maritime Simulation for Operational Superiority

Delivering Mission-Ready Training for Over 25 Years

DTM Global is an innovative software development company specialising in advanced maritime training and simulation solutions. For more than 25 years, we have delivered scalable, state-of-the-art systems to military organisations, naval training establishments, and defence primes worldwide.

Our systems are designed to enhance operational readiness, reduce risk, and deliver measurable training outcomes in a safe and controlled environment.

The Challenge

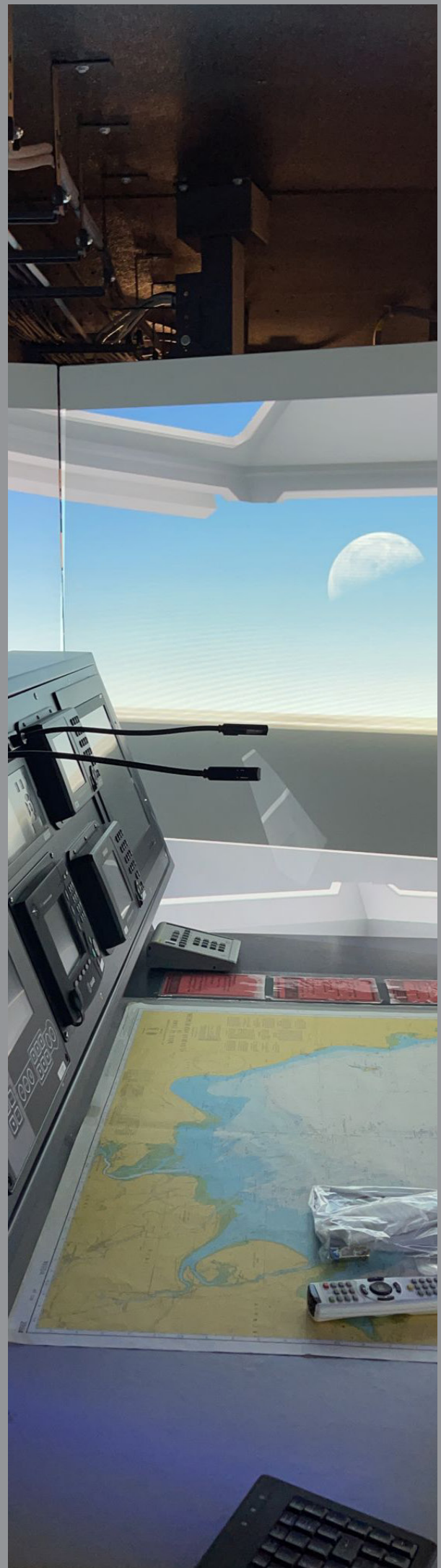
Modern naval operations demand:

- Rapid crew competency development
- Reduced operational sea-time costs
- Compliance with international maritime regulations
- Realistic multi-domain training environments
- Scalable systems that evolve with platform upgrades

Live training is resource-intensive, fuel-dependent, weather-limited, and operationally constrained, and carries operational risk. Training commands require a solution that delivers realism without compromise — while maintaining affordability and flexibility.

Fleetman at a Glance

- **250+ Maritime Platforms**
- **25+ Years Operational Deployment**
- **STCW-003 Compliant**
- **DNV Class A Accredited**
- **Trusted by UK Royal Navy (20+ Years)**
- **Fully Scalable Architecture**



The Fleetman Solution

Fleetman is a multi-layered, high-fidelity bridge simulation training system engineered to replicate real-world maritime operations with exceptional accuracy.

Designed for adaptability, Fleetman enables organisations to configure training environments ranging from desktop simulators to full-mission bridge installations, all powered by a stable and proven simulation engine.

Fleetman provides a safe-fail environment where bridge teams can develop critical skills in navigation, manoeuvring, communications, and tactical operations without operational consequence.

- Reduced sea-time
- Reduced fuel costs
- Reduced platform wear
- Lower risk exposure



Core Capabilities

High-Fidelity Simulation Environment

- Fully immersive bridge simulation
- Dynamic weather and environmental modelling
- Day and night operational conditions
- Realistic ship handling and hydrodynamic modelling

Integrated ECDIS with real-time NMEA data integration

- High-fidelity ARPA radar simulation
- Remote Weapon System (RWS) integration for military users
- Fire Control Trainer (FCT) compatibility
- DeckMaster Flight Deck Officer (FDO) training integration

Instructor Control & Assessment

- Record and playback functionality for detailed after-action review
- Step-in intervention capability
- Custom scenario design and storage
- Instructor-defined platform editing and storage
- Waypoint/autopilot scenario programming
- FleetMan accelerates learning through structured feedback and measurable performance review



Training Applications

Fleetman supports the full spectrum of maritime training objectives, including:

- Officer of the Watch (OOW) training
- Specialist navigational training
- Fleet manoeuvring exercises in high-density operational environments
- Replenishment at Sea (RAS) / Underway Replenishment (UNREP)
- Traffic Separation Scheme (TSS) operations
- Visual and blind pilotage
- Man overboard (MOB) procedures
- Emergency scenarios (engine and steerage failure)
- Weapons and communications integration

The system enables bridge teams to build cohesion, leadership, and operational confidence in increasingly complex scenarios.

Operational Roles Supported

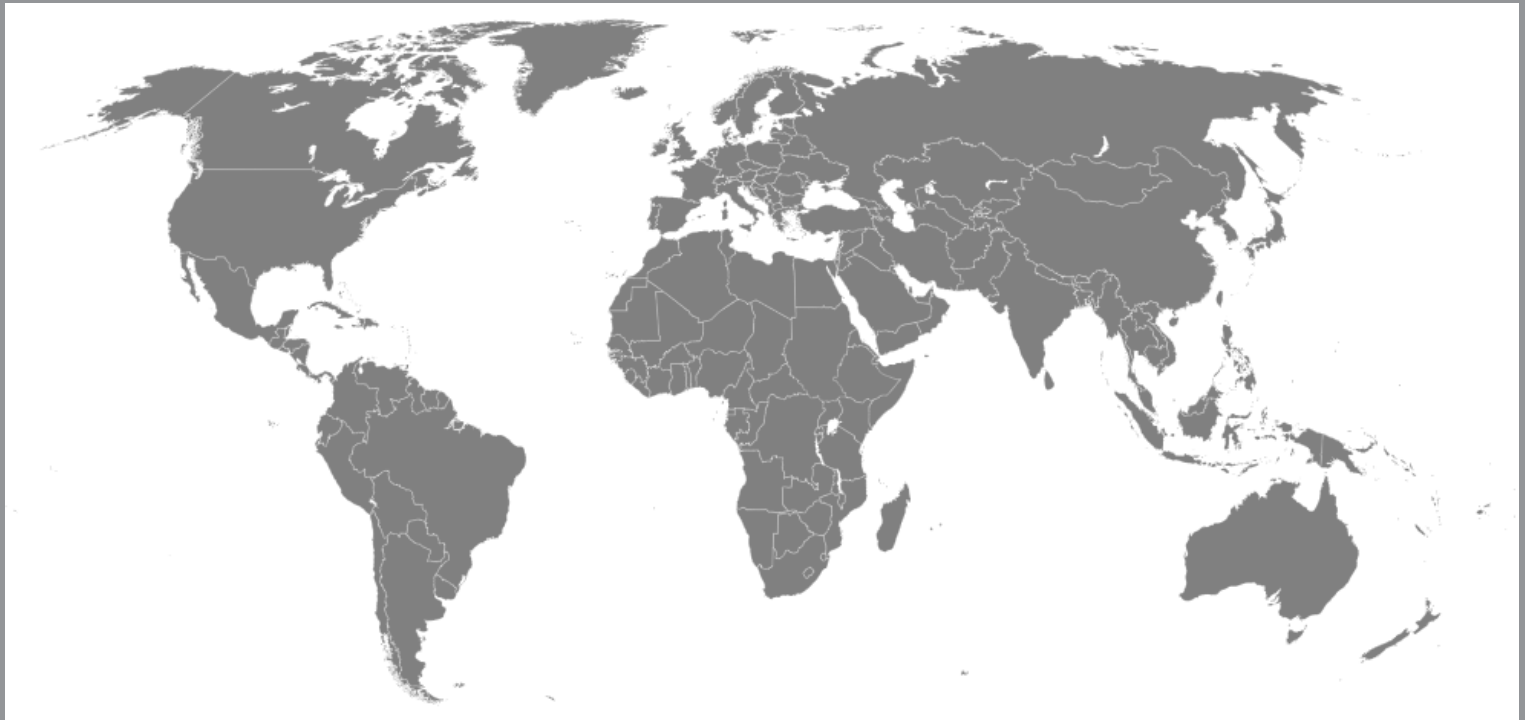
Fleetman is used by:

- Junior Officers in training
- Junior Warfare Officers
- Navigating Officers (Platform / Fleet / Specialist)
- Helmsmen (Quartermasters / Bosun's Mates)
- Communications Specialists
- Bridge Lookouts
- Weapons Operators
- Full Bridge Command Teams

The system scales from individual skill development to fully integrated command team training.



World Harbours & Environmental Library



DTM Global provides an extensive and continuously expanding harbour library including:

- Plymouth
- Portsmouth
- Faslane
- Brest
- Muscat
- Duqm
- Dammam

Each harbour features:

- Accurate navigation lighting
- IALA “A” and “B” buoyage systems
- Precise depth modelling
- Tidal state integration
- Echo sounder functionality

Custom ports and coastline models can be developed to meet specific operational requirements.

Extensive Platform Library

Fleetman includes **a *library of over 250 maritime platforms.***

If a required platform is not available, DTM Global will build it to exact customer specifications - including:

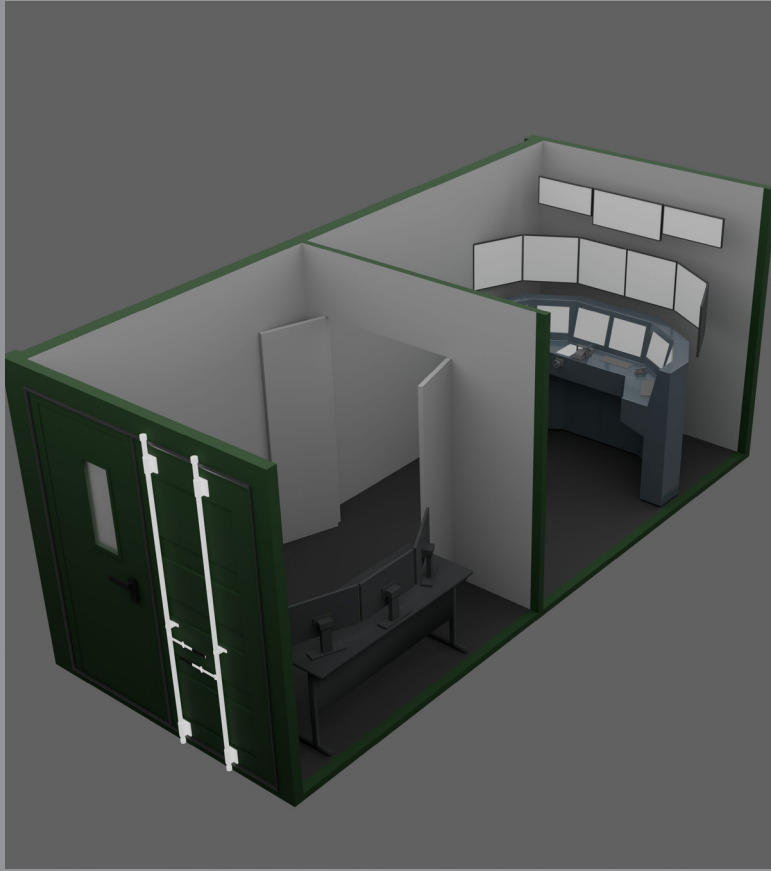
- Accurate hull forms
- Pennant numbers
- Weapon configurations
- Customised visual detailing

Our library includes the latest builds including Type 26 and Type 31e platforms from the UK Royal Navy

Flexible Deployment Options

Fleetman can be delivered in multiple configurations:

- Portable laptop-based solution
- Fixed classroom desktop installations (Oman)



- Scalable modular bridge environment
- Full Mission Bridge simulators

This modular architecture allows organisations to scale capability as training requirements evolve.



Seamless Integration

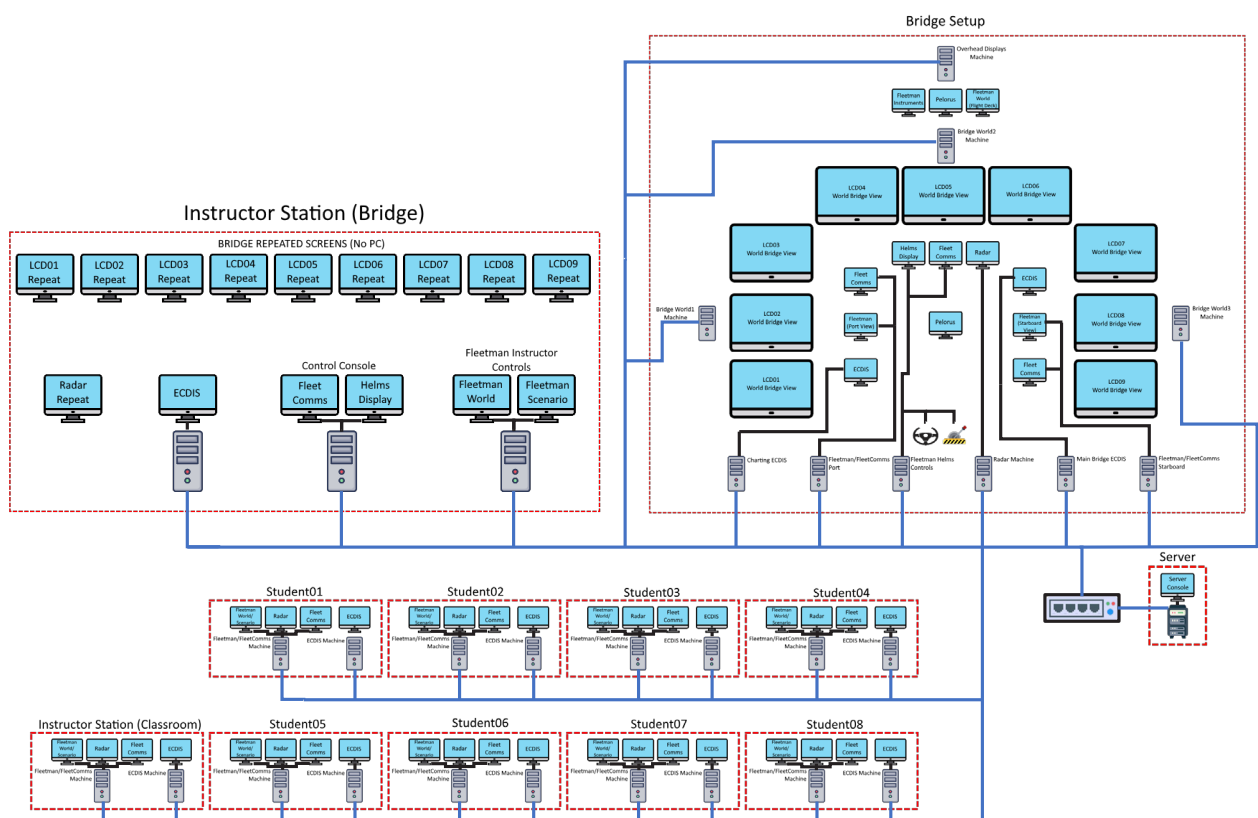
From desktop helmsman trainers to full mission bridge simulators, Fleetman adapts to meet operational requirements., Fleetman software can be adapted to fit any requirement. We can also integrate:

- Automated Small Calibre Gun (ASCG) simulators
- Communications Trainers
- Fleetworks Tactical Manoeuvring Trainers
- Flight Deck Helicopter Landing Simulators



Instructor Operating Stations (IOS) provide full supervisory control of bridge functions. Instructors can inject system faults in real time, analyse crew responses, and conduct structured after-action reviews — developing cohesive, mission-ready bridge teams prepared for peacetime operations and conflict scenarios.

A bridge simulator's effectiveness is determined by the robustness of its software architecture and the reliability of its supporting hardware infrastructure. DTM's Customisable off The Shelf (CoTS) and Modifiable off The Shelf (MoTS) systems provide longevity and affordability. Able to be upgraded without the expensive cost of removing bridge hardware.



Accreditation & Compliance

Fleetman meets **STCW-003 requirements** and satisfies Det Norske Veritas (**DNV**) **Class A** accreditation standards.

Our systems are designed to support international regulatory compliance while delivering defence-grade operational realism.

Sustainability & Lifecycle Efficiency

DTM Global is committed to delivering environmentally responsible and economically sustainable solutions.

Our modular architecture reduces unnecessary hardware replacement and extends system lifecycle, lowering total cost of ownership while maintaining operational capability.

Why DTM Global?

- Trusted by UK Royal Navy (20+ years)
- 25+ years simulation expertise
- 70+ years cumulative maritime experience
- DNV Class A accreditation
- Proven simulation engine
- Fully scalable architecture

We do not simply provide simulators - we deliver operational readiness

Engage With Us

DTM Global works in partnership with naval authorities, maritime academies, and defence primes to deliver bespoke simulation environments tailored to operational requirements. To arrange a demonstration or discuss your maritime training objectives, contact:

T: +44 (0) 1752 371650

M: +44 (0)7311 347297

E: info@dtmglobal.com

www.dtmglobal.com

