

KVM IN MARITIME

High-end modular KVM solutions for mission-critical applications in maritime environments



ihse.

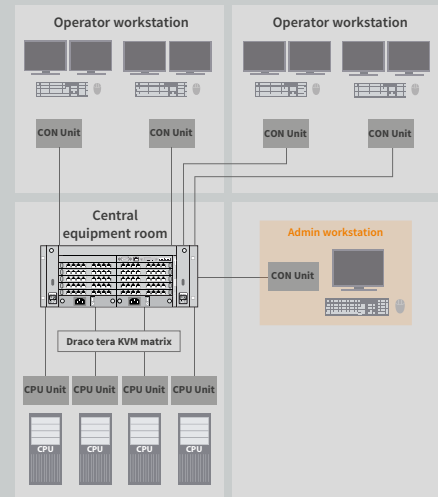
CONNECT & CONTROL ONSHORE & OFFSHORE

Access any maritime device, instantly

In the busy, cramped and often hostile maritime environment, the ability to instantly access essential equipment is crucial to the safety and smooth passage of vessels. As they navigate across the world's oceans.

IHSE Draco tera KVM switches connect operators and engineers with essential systems, remotely, and from any workstation; giving greater flexibility, increased efficiency and enhancing system security and reliability. Whether onboard in remote locations or in critical port control centers.

Maritime organisations around the world rely on Draco tera switches; without compromise. In shore-based and ocean-going applications.



Highlights

- Instant connection and switching
- Near-zero transmission latency
- Artefact-free video and audio
- Support of all digital and audio video formats
- HD-SDI and USB 3.0 parallel switching
- Integration with third-party controllers
- Extensive redundancy and security options
- IEC 60945 certified



*The Draco tera matrix system.
Available in a range of sizes from 8 to 576 ports.*



KVM in merchant and specialized vessels

Essential equipment must continue to operate without failure or special attention whilst at sea on long voyages. Rugged reliability and failsafe operation is crucial in systems that operators depend upon: day-in, day-out.



KVM in commercial shipping and cruise liners

In large vessels KVM extenders and switches provide the connection between operators and their computer-based systems, wherever they are. Computer signals are transmitted up to 10,000 m from the equipment room to the bridge in real time and independent of the network.



KVM in port control

In port control centers, up-to-the-second information is critical to the safety and smooth passage of shipping in ports and through congested waterways. Operators and controllers must be able to rely on the systems they use. Inbuilt reliability and redundancy options are essential in providing this assurance.

MV Fugro Searcher

The 65 meter MV Fugro Searcher is a new, highly advanced geophysical survey vessel providing an acoustically quiet and stable platform for operation in the North Sea and international waters. Sensitive measurement and recording equipment is housed in environmentally-controlled and protected equipment rooms, deep within the hull of the vessel and remotely located from the operators located on the bridge or in the instrument room.



Draco tera KVM switches for total connectivity

The Draco tera range extends from 8 ports to 576 non-blocking, assignable ports with mixed operation over copper and fiber cables. Connecting all types of digital video up to 4K UHD resolution and capable of parallel USB 2.0 and USB 3.0 switching. It provides visually lossless transmission, instant connectivity and extensive configuration and redundancy options.

Draco tera connects and switches users to remote CPUs and servers instantly. With no transmission delay or picture degradation. It is the ideal solution for today's maritime facilities.



INSTALLATIONS

Petroleum Geo-Services (PGS)

Searching for resources in the most inhospitable locations

Exploration teams rely totally on the equipment they use. Onboard two new Ramform Titan Class seismic vessels, Titan and Atlas, sensitive data processing equipment is housed in environmentally-controlled rooms in the safety of the lower hull. Accessed by scientists on workstations several decks above.



Haifa RCC

Maintaining the highest standards of maritime safety

The Rescue Coordination Centre (RCC) in Haifa assists vessels in distress and helps to manage the port in accordance with IMO Conventions. The RCC relies on KVM switching to ensure that critical video and data information is made available to operators throughout the center, ensuring continuous operation in this critical application.

Hong Kong Harbour

Guiding ships in one of the world's busiest harbours

Each year 200,000 ships enter the port, handling 300 million tons of cargo, playing an important role in China's international trade. Macao Ferry Terminal - Vessel Traffic Centre (MFT-VTC) relies on Draco tera KVM matrix switches to connect workstations to critical computers at 4K resolution, enabling operators to instantly switch tasks as conditions change.



MARITIME CERTIFIED

Draco tera compact switches comply with IEC 60945, maritime navigation and radiocommunication equipment and systems.



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