

NSSLGlobal launches SmartHub - a next-generation monitoring solution for bridge systems

Solution reduces downtime and costs for owners and operators by bringing the power of predictive maintenance and early remediation to bridge systems

27th August 2026, REDHILL, UK – [NSSLGlobal](#) launches SmartHub, it's unique condition-based monitoring solution which provides a new level of predictive maintenance across all bridge systems, ensuring greater uptime and reducing costly shipboard visits from engineers. NSSLGlobal will be debuting SmartHub at SMM, Hamburg with demonstrations of its capabilities.

Serving the needs of the vessel owner and operator rather than the equipment manufacturer, SmartHub is completely vendor-agnostic. Designed by NSSLGlobal using nearly six decades of maritime solution expertise, SmartHub monitors bridge systems including radar, GPS, ECDIS, Speed Logs and more.

Machine learning algorithms embedded in the solution identify the root cause without hours of intervention or having an engineer onboard. It transmits data over onboard satellite connections to NSSLGlobal's centralised portal, enabling identification of problems and early rectification before any serious operational impact. This ensures fast remediation and maximum uptime for owners and operators.

Early intervention is vital as a single failure in one solution can trigger multiple failures across others, leading to significant problems. A malfunctioning gyrocompass, for example, will affect the performance of the ECDIS, TVRO, VSAT and other key systems.

Unlike onboard machinery, including engine systems, bridge systems have not traditionally been monitored remotely. With the launch of SmartHub, this capability is now available to vessel owners and operators.

With active monitoring of bridge systems in place here it is necessary to go onboard, because the problem would have been diagnosed remotely, the NSSLGlobal engineer will have the right parts and therefore be more likely to achieve a first-time fix.

This not only streamlines efficiency but also reduces the overall sustainability and cost of shipboard maintenance operations.

"SmartHub is a major advance in efficiency and sustainability for vessel owners and operators in a highly competitive global market where every second of uptime counts," said Paul Rutherford, Global Service Engineering Director, NSSLGlobal. "It will reduce the likelihood of downtime and reduce maintenance costs. Alongside our Smart Maintenance contracts this is an advanced customer-focused solution where NSSLGlobal has expertise and can add real value."

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Notes to Editors:

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NSSLGlobal Group is a leading independent provider of project engineering, satellite communications, IT management and systems integration. With over 57 years of experience in government and maritime mobility, NSSLGlobal delivers best-in-class maritime technology and satellite solutions primarily across Geostationary and Low Earth Orbit networks, partnering with major satellite operators and wide supply chain of manufacturers.

NSSLGlobal provides assured multi-band and multi-constellation satellite solutions for commercial maritime and enterprise customers and for defence, government, responder and humanitarian organisations operating at sea, on land, and in the air. The company supports patrol vessels to oil tankers, coastguard vessels to aircraft carriers - including safety, operational, IT and welfare communications; deployed land forces ranging from embassy staff to recce teams to field headquarters, and specialist aircraft. The group's Norway-based R&D division develops market-competitive IPTV and VSAT technology, including hubs and modems for mobility and fixed applications.

Headquartered in the UK, NSSLGlobal employs 250+ staff across Germany, Denmark, Norway, the Netherlands, Sweden, Poland, Singapore and the USA. The company operates with integrity and strong ethical values and holds ISO certifications in ISO 27001, 9001, 14001, 45001 and 20000-1.

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