TRELLEBORG

Smart DAS

Powered By
SmartPort

SmartDAS is a compact, easily installed docking system. It continuously measures the ship distance to the fenderline to produce the speed, distance and longitudinal angle for use in real-time by the pilot and operations personnel. This improves the safety and efficiency of port and terminal operations.

WHY USE SMARTDAS?

SmartDAS, with accurate real-time laser sensors offer many advantages for port operations.

▌Safe, efficient and reliable docking operations.

▌Day and night visibility.

▌Prevent structural damage to port assets and vessels due to excessive berthing speeds.

▌Reduced downtime and demurrage fees.

EASY TO INTEGRATE AND INSTALL

SmartDAS uses SmartPort technology to collect and store data on a secure cloud. Docking data is streamed and accessed in real-time and can also be downloaded for reporting and analysis.

Easy to install, SmartDAS integrates into existing wireless networks and is designed to be easily installed in busy environments such as Container Ports.

SmartDAS provides feedback essential to the safe docking of vessels and to reduce berthing velocities to prolong fender and jetty life.

OCEAN SPIRIT

KEY FEATURES

Real-time interface

Delivered via an iOS or Android downloadable app, the SmartDAS' intuitive interface renders docking data in real-time. It is compatible with, and integrates into, existing third-party wireless networks for further ease of use.

Data logging

All captured SmartDAS data can be revisited and assessed retroactively, to look into specific events or trends over time.

Report generator to track trends

The SmartDAS system allows customizable reports to be created using both immediate and longer-term data. to identify short-term operational efficiencies and improvements over time.

Customizable functionality

The SmartDAS offers customizable functionality to suit specific port and terminal requirements. Velocities and angle exceeding predefined limits will be highlighted in the user interface and by the alarm functionality.

Environmental information

The SmartDAS user interface is able to integrate information from environmental sensors, keeping operators on top of the approach and docking operation.

OPERATIONAL BENEFITS

SmartDAS help improve the operational efficiency of port and terminal mooring and transfer operations by:

❚ Making docking aid system data accessible for remote users in real-time. Several users will be given the exact same information during the critical approach event.

❚ Preventing accidents using the customizable alarm functionalities.

❚ Storing data for long-term trend analysis and reports, providing valuable information for throughout optimization and investment decisions.

❚ Enabling remote session activation and stop.

❚ Integrating environmental information in the clean SmartDAS user interface.

SmartPort
by Trelleborg

SmartPort by Trelleborg powers the critical interface between ship and port, on land and at sea. Visit our website to access our case studies and white paper, plus the entire suite of SmartPort solutions.

SmartPort

Learn more about SmartPort solutions

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