

Subsea Connect

Corporate presentation



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1. Introduction

Subsea Connect is founded on the basis of customer satisfaction and trust.

OUR MISSION:

Is to fully support our customers and to commit to their needs. How do we do that?

We offer the best service, support and availability of parts.

This being considered, the customer will therefore save upon their daily operational expenses;

Our low-threshold approach in combination with highly skilled technicians provides the customer with the best solution to keep there assets in operation;

Imbedded in the maritime centre of The Netherlands we can support the customer around the globe;

As your electrical partner we specialize in propulsion controls systems, alarm monitoring systems, DP maintenance and trials and FMEA trials.

2. Services

Subsea Connect can support customers around the globe with the following support.

1. Propulsion controls (CPP, Azimuth propulsion, Tunnel thrusters);
2. Stabilizers service;
3. Automation systems (AMS/PMS/IBS, etc.)
4. Electrical driven power trains cable carousels;
5. DP maintenance, scaling and trials;
6. FMEA trials supervision.

3. Products

Subsea Connect has a range of products and systems which we can offer within our own *Marine Intergrated Digital Automation System* (MIDAS®).

Subsea Connect offers ship automation solutions. As one of the providers on the market we support the customer from the design, planning, implementation and commissioning stages and servicing.

We develop and produce all products and components together with our R&D department and production facility. We can therefore assure parts availability for numerous years.

A selection of MIDAS[®] is summarized below:

- MIDAS Alarm Monitoring System (MAMS)
- MIDAS Propulsion System (MPS)
- MIDAS Emergency Order Telegraph System (MEOT)
- MIDAS Safety System (MSS)
- MIDAS Sensors

MIDAS[®] system concept

We believe in our automation engineering applications with our flexible and open automation platform MIDAS.

This system is based on recognised industrial standards with perfectly matched hardware and software components.

It is suitable for complex applications that require maximum operational reliability.

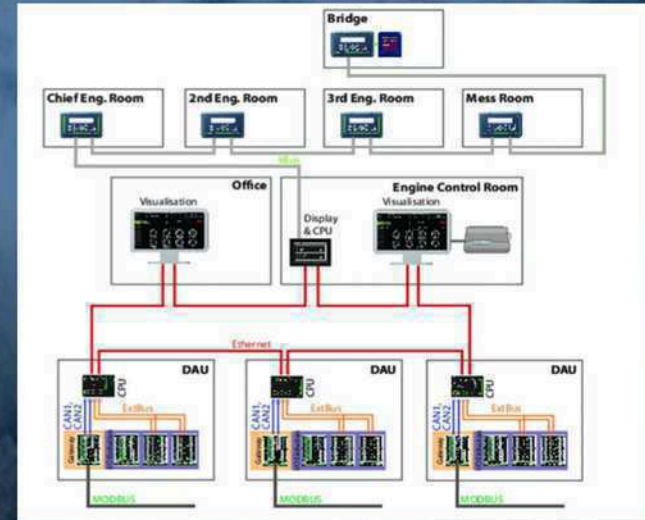
The MIDAS automation platform is a flexible master-slave system featuring a central control unit that is the heart of each and every application.

Further I/O components with functionalities that cover a wide spectrum of applications are used to meet specific application requirements.

Each automation system consists of one or several independent subsystems that are linked by a redundant bus. This configuration ensures maximum operational reliability.

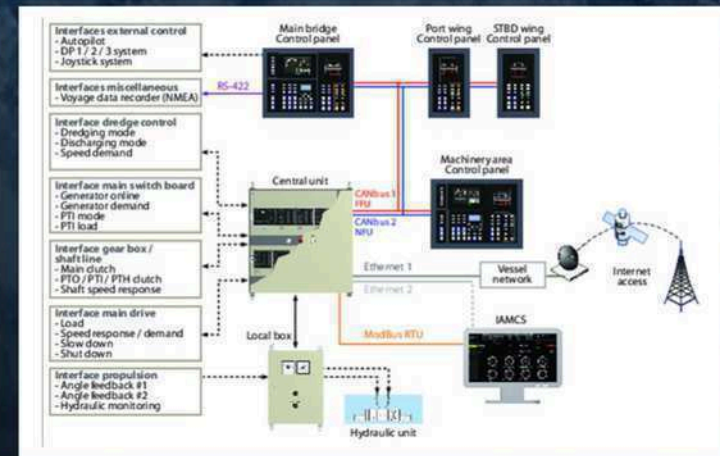
Midas Alarm Monitoring System (MAMS)

- Decentral and modular based system for maximum flexibility
- Robust, reliable and class approved components
- Easily expandable (modules, I/O, etc)
- Customer-specific mimics
- Intergrated web server for remote access
- Alarm extension system
- World wide service
- Class approvals: ABS, BV, DNV-GL, LR.



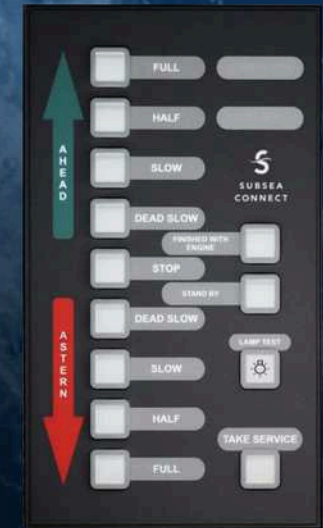
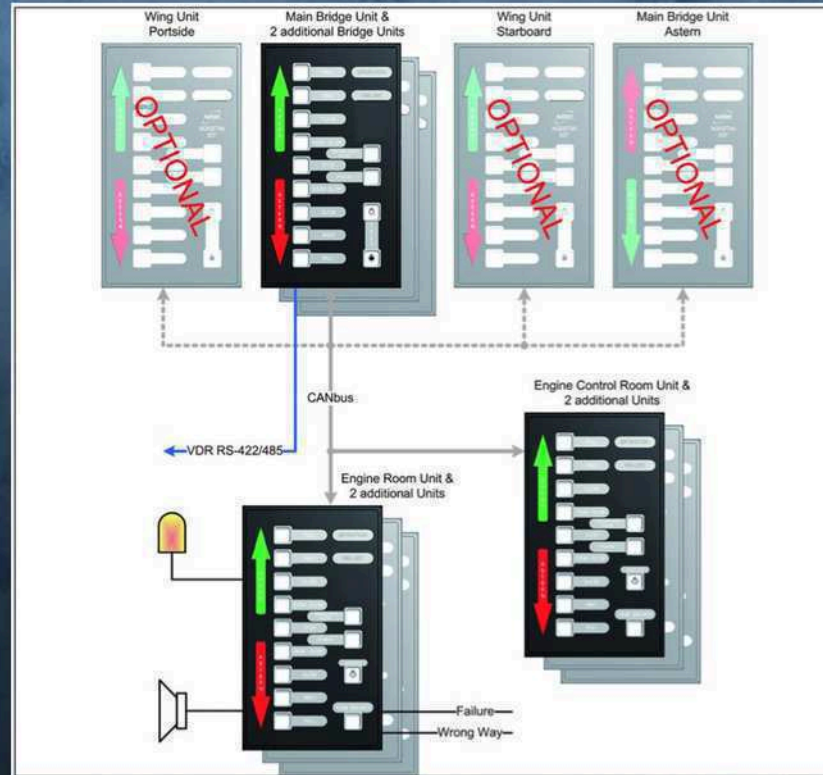
Midas Propulsion System (MPS)

- Suitable for all types of thruster systems
- Can be adapted to any propulsion application
- Integrated protection to prevent engine overloading
- Defined control programs for various operating modes
- Integrated NFU control
- Interfaces with external systems (e.g. VDR, IBS, DP)
- Integrated touch panel display for user friendly configuration and monitoring
- World wide service
- Optional available with additional functions: Load distribution, electronic synchronisation, start stop logic.



Midas Emergency Order Telegraph System (MEOT)

- Different devices for different applications
- Up to 12 emergency order telegraphs in one system
- Visual and audible alarm triggering
- Operating status indicator on each unit
- Dimmable lighting for bridge units
- Connection to the Voyage Data Recorder (VDR)



Midas Safety System (MSS)

- Suitable for almost all types of combustion engine
- Fast and quartz-precision speed acquisition
- Fast and reliable engine shut-down by open circuit monitoring shot down outputs.



Midas Sensors

- Variety of sensors for you automation can be supplied.
- Speed sensors
- Temperature sensors
- Pressure sensors
- Combi sensors for combined measurement of speed, temperature and acceleration (vibration)
- Rotary position sensors mounted directly on the drive shaft.



Containerized electrical driven power system fully intergrated for cable laying installations.

Containerized electrical driven power system with a modular design so it's easy scalable until the biggest turntable available in the market.

Full integration with tensioners, tower and dynamic positioning is possible for smooth cable lay operations.

Can comply with dynamic positioning philosophy in case of a failure the cable operations can still continue.

4. Unique selling points

The MIDAS® systems features the following customer benefits;

1. Guaranteed availability of spares within the time span of 15 years;
2. Remote login for immediate support without traveling;
3. Highly skilled and trained engineers;
4. Standard warranty of 18 months after delivery, extended warranty on hardware can be offered;
5. Stocked hardware which can be shipped within 24 hours;
6. Standardized retrofit systems such as tunnel thruster systems can be delivered within 4 weeks from order.

5. Markets



Cargo freighters



Harbour operation



Cruise and ferries



Offshore support



Cable laying equipment

6. References



Baggerbedrijf De Boer
Dutch Dredging



SOCATRA



Smit
Lamnalco



Carnival



Boskalis



AEGIR
Marine



Atlantic
Propulsion
Service



VROON
OFFSHORE SERVICES



BOLUDA
LOME



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