



# TALK SAFETY WITH US

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## MARINE SAFETY TECHNOLOGY

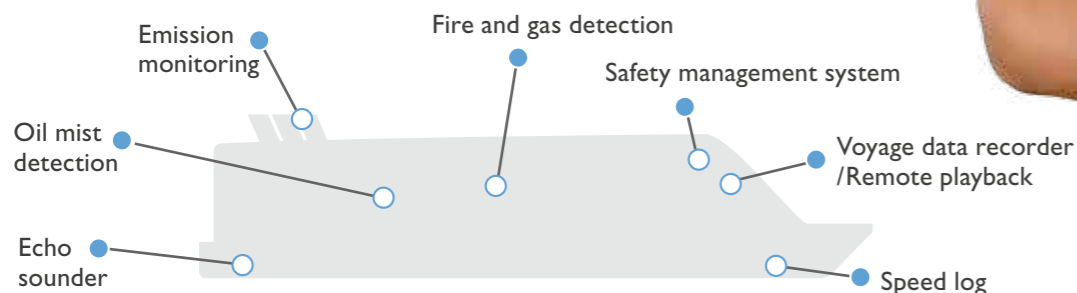
 **Consilium**

When Safety Matters

# A MULTITUDE OF WAYS FORWARD. WHERE DO YOU WANT TO START?

When you choose Consilium, you tap into an ocean of knowledge. We provide the marine sector with fire and gas detection, safety management and environmental monitoring systems, as well as navigation equipment and remote services. Talk safety with us – we are ready when you are.

- + LIFE-CYCLE SUPPORT**  
All the way from design and installation to service and retrofit.
- + ACCESS AND SUPPORT ANYWHERE**  
We keep you covered 24/7/365 in every time zone – in person or remotely.
- + INSTALLATION AND INTEGRATION SIMPLICITY**  
One common and modular-based platform to learn and live with.
- + RETROFIT AND MID-LIFE RENEWAL**  
Take your system to the next level without having to replace everything.
- + COMPLIANCE WITH RULES AND REGULATIONS**  
A flexible system makes life easier in an ever-changing marine world.
- + RISK AND SAFETY ASSESSMENT**  
We make sure your safety systems are prepared for the worst.
- + CREW AND PASSENGER SAFETY**  
Taking safety seriously is about never compromising on human lives.



“With more than ten years’ experience of fire detection systems from Consilium, we appreciate the user-friendliness, ease of maintenance and proven reliability. Should anything go wrong, we know that Consilium is present in every major harbour.”

**Per-Anders Höglund**  
Safety Manager, Furetank Rederi AB



GROWING UP IS NEVER EASY.  
**BUT THAT WAS A LONG TIME AGO.**

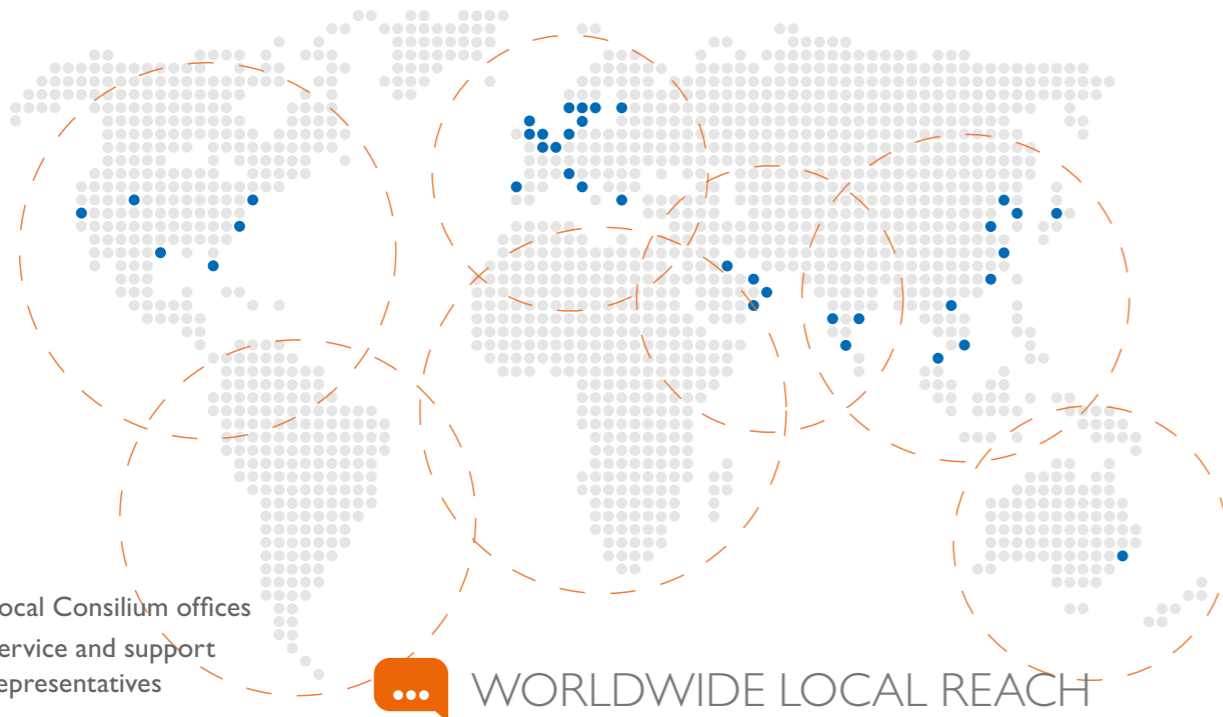
**100+**  
YEARS’ EXPERIENCE  
**75K**  
INSTALLATIONS

Consilium has an installed base of 75,000 fire and gas detection systems worldwide in the marine, oil and gas, transport and building sectors. Our journey began in 1912 with speed logs, and since then we have been driven by innovation. In 1959 and 1967 we introduced our gas and fire detection systems which became important milestones.

**PRODUCT BRANDS**  
Salwico  
Nittan System  
Servoteknikk  
Etek  
SAL Log

# THERE ARE MANY GLOBAL CHALLENGES. LOCAL SUPPORT IS ONE OF THEM.

In the marine sector, you need quick access to service and support. In the local language, with local knowledge. We are present in more than 55 countries including all major ports in the world. Being close to certified technicians and spare parts mean less time in the harbour and less risk of penalties in case of defects in critical systems.



24/7  
365 days

**55+**  
COUNTRIES

>95%  
SUCCESS RATE  
WITH FIRST TIME FIX

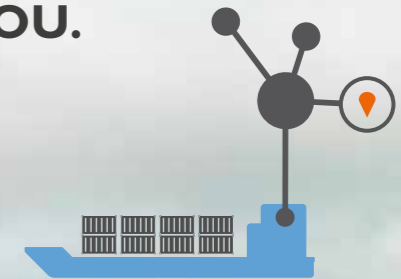
Getting things right the first time saves you time and trouble. Signing a safety agreement (annual, proactive or full) further strengthens your immunity against unplanned stops.



Photo: Port of Gothenburg's photo

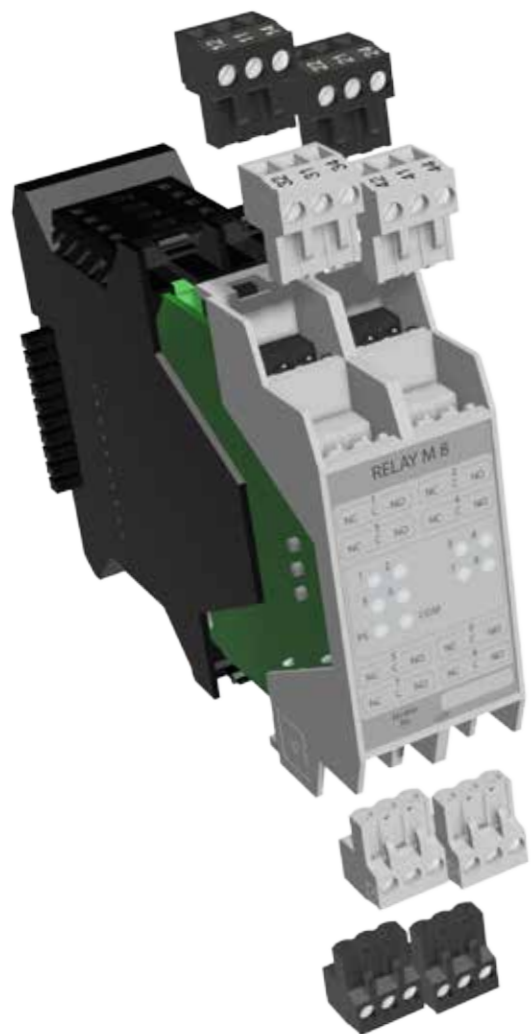
## BIG DATA SINCE THE 1960s BRINGS US CLOSER TO YOU.

We have a reference list of all ships with Consilium equipment. Your local service technicians can access data about your fleet from the list via our helpdesk and plan service and repairs. Total control over the installed base also gives us valuable knowledge for development.



# ONE PLATFORM TO LEARN. ONE PLATFORM TO LIVE WITH.

The technical base for our systems and integration with other systems is CCP: **Consilium Common Platform**. One platform makes life easier all the way from design, installation and commissioning to training, maintenance and retrofit. The platform is **developed in-house** giving **full control** of critical functionality, **as always with Consilium**.



## FLEXIBLE ENOUGH TO GIVE YOU TOTAL FREEDOM.

Consilium Common Platform is modular-based and backward compatible. Choose the products you need today and change to whatever products you need tomorrow. Integration with external systems is also easy as modules can be designed for specific assignments.



**NON-STOP  
UPTIME  
UPGRADE WHILE  
OPERATING**

**“ A clear focus and innovative approach make us stronger every day. ”**

**Nicklas Bergström**  
Vice President Product Management Safety,  
Consilium Marine & Safety AB

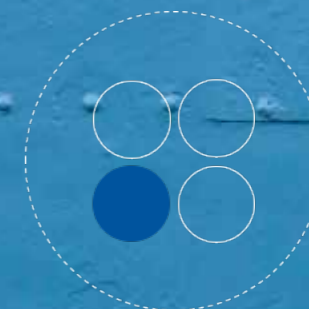
## FINDING THE PERFECT MATCH. TIME AND TIME AGAIN.

Our wide range of smoke and heat detectors is proof of our approach to flexibility. The detector in the picture is a combined smoke and heat detector giving you individual and early warning of the presence of smoke and heat in the supervised area. At the same time, you can expect high protection against unwanted alarms.



## IS YOUR HULL IN GOOD SHAPE? YOUR FUEL BILL WILL TELL YOU.

Our combined speed log and echo sounder is a smart innovation from Consilium. Fewer holes in the hull preserve more of the hull shape. On a container ship, for example, you can get a 0.12 per cent more efficient shape, reducing up to 20,000 USD on installation, 55,000 USD on fuel per year and annual carbon dioxide emissions by 500 tons.

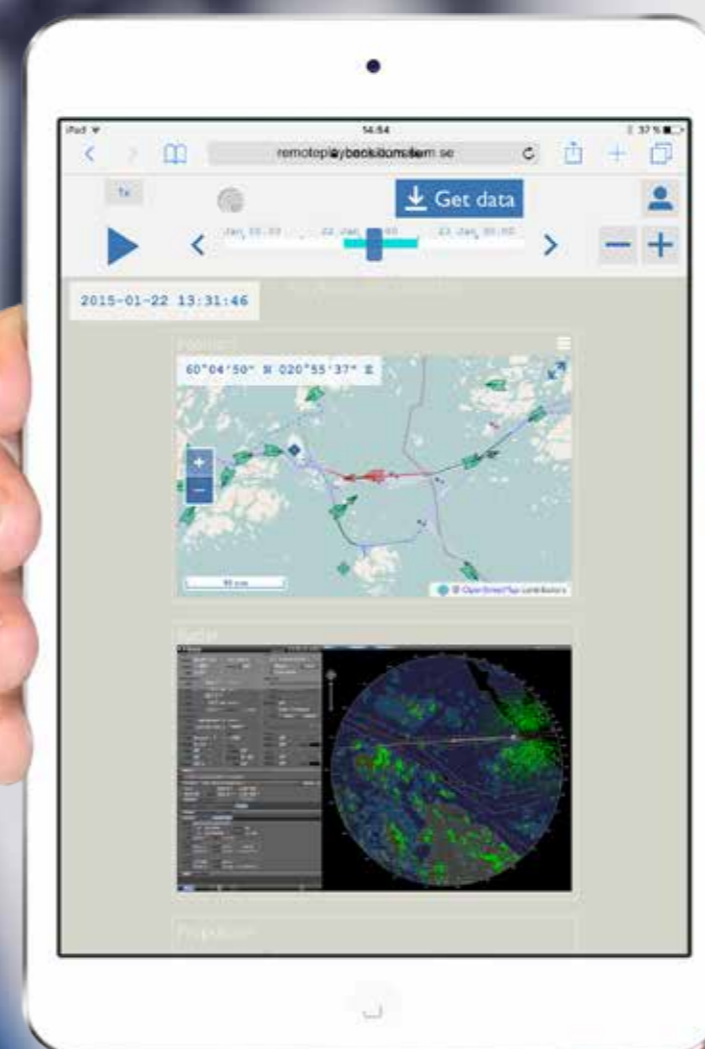


## THE FUTURE STARTS NOW. HOW CAN YOU PREPARE FOR IT?

New international conventions. New standards from classification societies. New company policies. The marine world is **changing all the time** and the best way to prepare for it is to be open to change. Our platform is designed for **flexibility and backward compatibility**, and we have **hundreds of system certificates**. You are always ready to fulfil the **latest requirements**.

## REPLACING EVERYTHING DURING RETROFIT IS A BIT RETRO.

Why rip out systems that work? Consilium lets you meet new demands without having to replace everything. You can, for example, keep more of the existing cabling as you can run both conventional and addressable systems via the same control panel.



## REMOTE SERVICES. THE WORLD IS IN YOUR HANDS.

Keep track of vessel performance (Remote playback) wherever you are, and make sure all systems are up and running (Remote diagnostics). The data is transferred safely from ship to shore on your request.



SECURE DATA TRANSFER

# TAKING SAFETY SERIOUSLY IS OUR DRIVING FORCE.

Our systems **protect people, material values** and the **environment**. We believe safety at sea is crucial and combine **in-depth technical knowledge** with broad **marine experience**. You can always expect us to find the **right products** for your needs and give your staff the **right training**. We also put a lot of effort into making our **systems easy to operate**.



**FIRE DETECTION**  
Smoke, Heat, Flame,  
Oil mist detection



**GAS DETECTION**  
Sampling, Point



**ENVIRONMENT**  
Emission monitoring



**NAVIGATION EQUIPMENT**  
Voyage data recorder, Speed log,  
Echo sounder



**REMOTE SERVICES**  
Remote playback,  
Remote diagnostics



**SAFETY MANAGEMENT SYSTEM**  
Safety Management by Interactive  
Graphics (SMiG), Emergency shutdown



**PASSENGER VESSELS**  
Cruise, Ferry,  
Yacht, Ropax



**CARGO VESSELS**  
Tanker, Bulker,  
Container, LPG, LNG,  
PCTC, RoRo



**NAVY VESSELS**  
Submarines, Patrol ships,  
Corvettes, Destroyers



## EXTREMELY HIGH DEMANDS DETERMINE WHAT WE DO.

Demands at sea are tough, especially in the navy. Strict requirements, extensive documentation and unceasing commitment to system functionality are some examples. Meeting such expectations continuously strengthens our capabilities, benefiting all our customers.

# FOR ALL THOSE MOMENTS **WHEN SAFETY MATTERS**

Consilium is a producer of safety technologies for the marine, oil and gas, transport and building sectors. Our commitment goes beyond the products:

We protect the lives of mothers and fathers, sisters and brothers, colleagues and friends. With representation in more than 55 countries in all time zones, we are always close to you.



[www.consilium.se](http://www.consilium.se)