

Marine safety technology

Talk safety with us



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

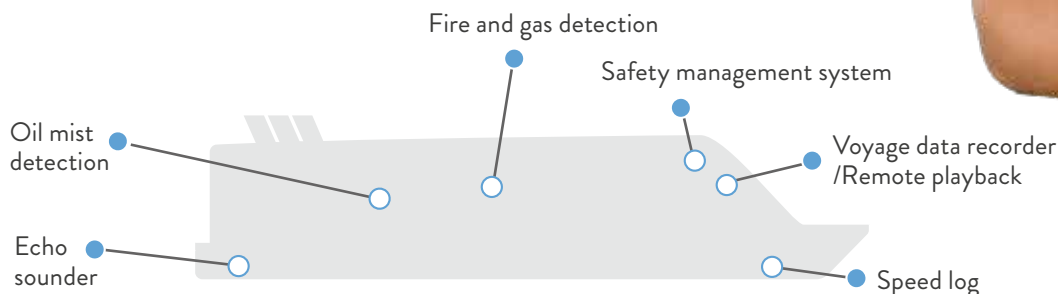
A flexible system makes life easier in an ever-changing marine world.

+ 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.



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.



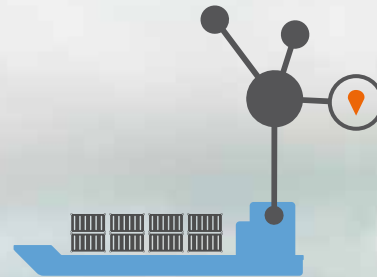
>95%
SUCCESS RATE
WITH FIRST TIME FIX

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

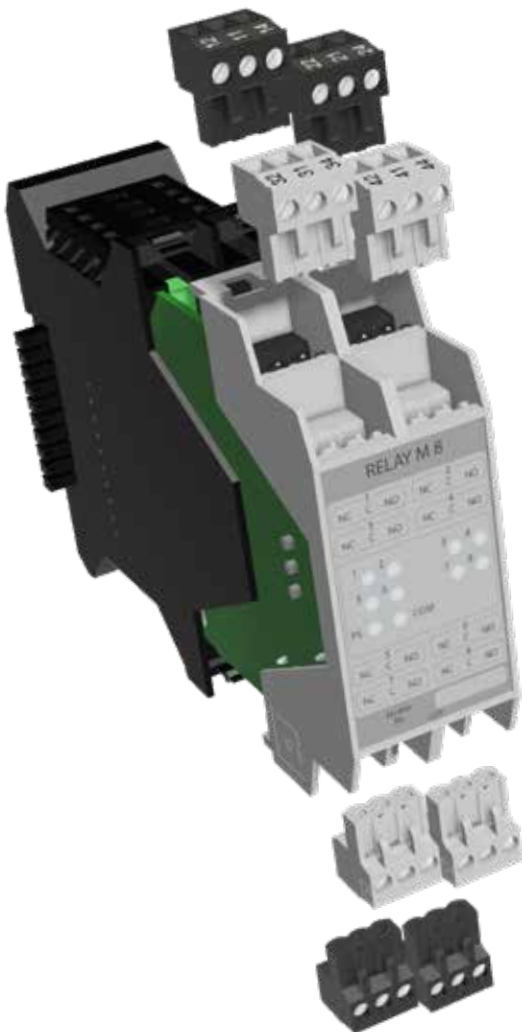
Big data since the 1960s brings us closer to you

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**

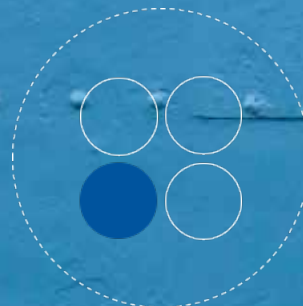
Finding the perfect match - time and time again

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.



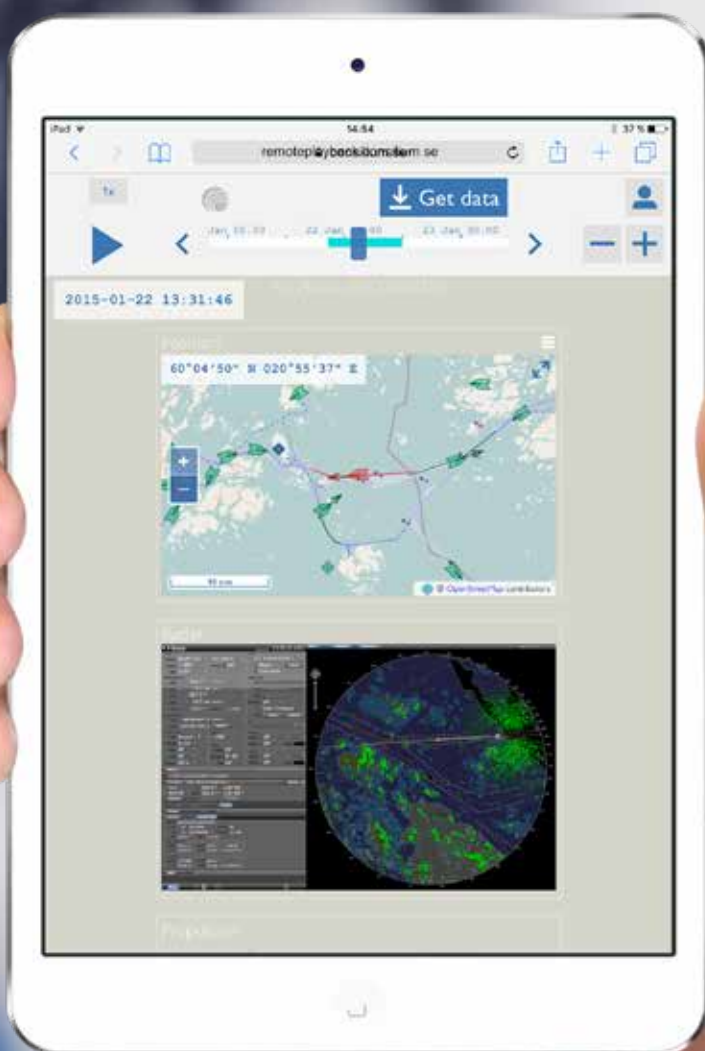
The future starts now – how can you prepare for it?

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

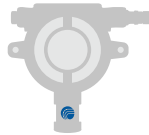
Taking safety seriously is our driving force

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.consiliumsafety.com

