

Talk safety with us

Oil and gas safety technology



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 **oil and gas sector** with **fire, gas and flame detection systems** living up to tough demands. Talk safety with us – we are ready when you are.

+ Compliance with rules and regulations

A flexible system makes it easier to fulfil all demands.

+ Retrofit and mid-life renewal

Take your system to the next level without having to replace everything.

+ Life-cycle support

All the way from design and installation to retrofit and renewal.

+ Access and support anywhere

We keep you covered 24/7/365 in every time zone.

+ Installation and integration simplicity

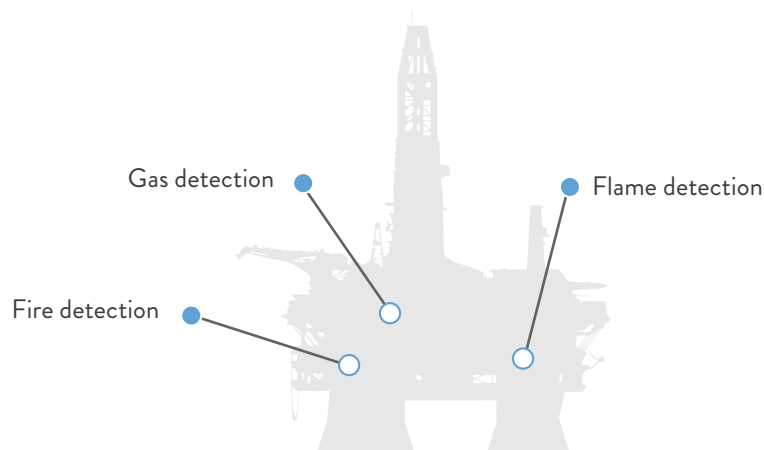
One common and modular-based platform to learn and live with.

+ Risk and safety assessment

We make sure your fire, gas and flame detection systems are prepared for the worst.

+ Staff safety

Taking safety seriously is about never compromising on human lives.





“ Together with Consilium and another supplier, we have successfully upgraded and put into operation the first of two fire centrals. So far we are very pleased with the new solution and are looking forward to having the complete system up and running in the near future. ”

Gøran Solsvik
Project Leader Modifications,
Wintershall Norge AS



Growing up
is never easy.
**But that was a
long time ago.**

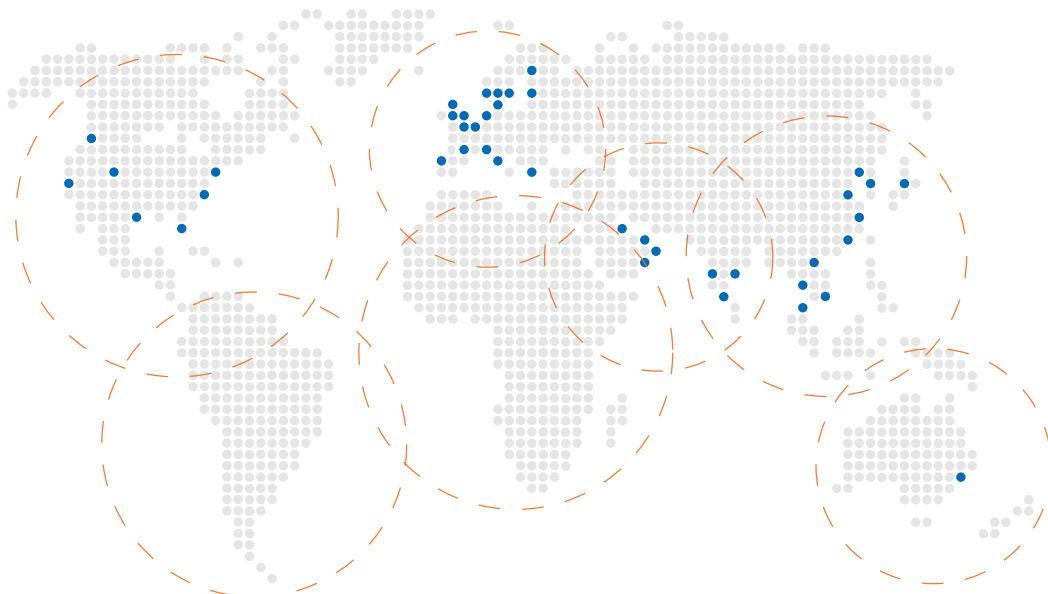
100+
YEARS' EXPERIENCE
75K
INSTALLATIONS

Consilium has an installed base of 75,000 fire and gas detection systems worldwide in the oil and gas, marine, transport and building sectors. Our journey began in 1912, 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.

Decide the level of safety and let the system follow.

Every oil and gas facility is unique. The choice of **fire safety level** depends on operational and legislative demands as well as investments already made. With Consilium, you can choose either **NON-SIL** or **SIL 2** everywhere – or **combine NON-SIL and SIL 2** in the same system. Our CFD5000 fire detection system is SIL 2 certified by **TÜV NORD** according to **IEC 61508**.

There are many global challenges. **Local support is one of them.**



- Local Consilium offices
- Service and support representatives

In the oil and gas sector, you need quick access to service and support. In the local language, with local knowledge. We are present in more than 55 countries with certified technicians.

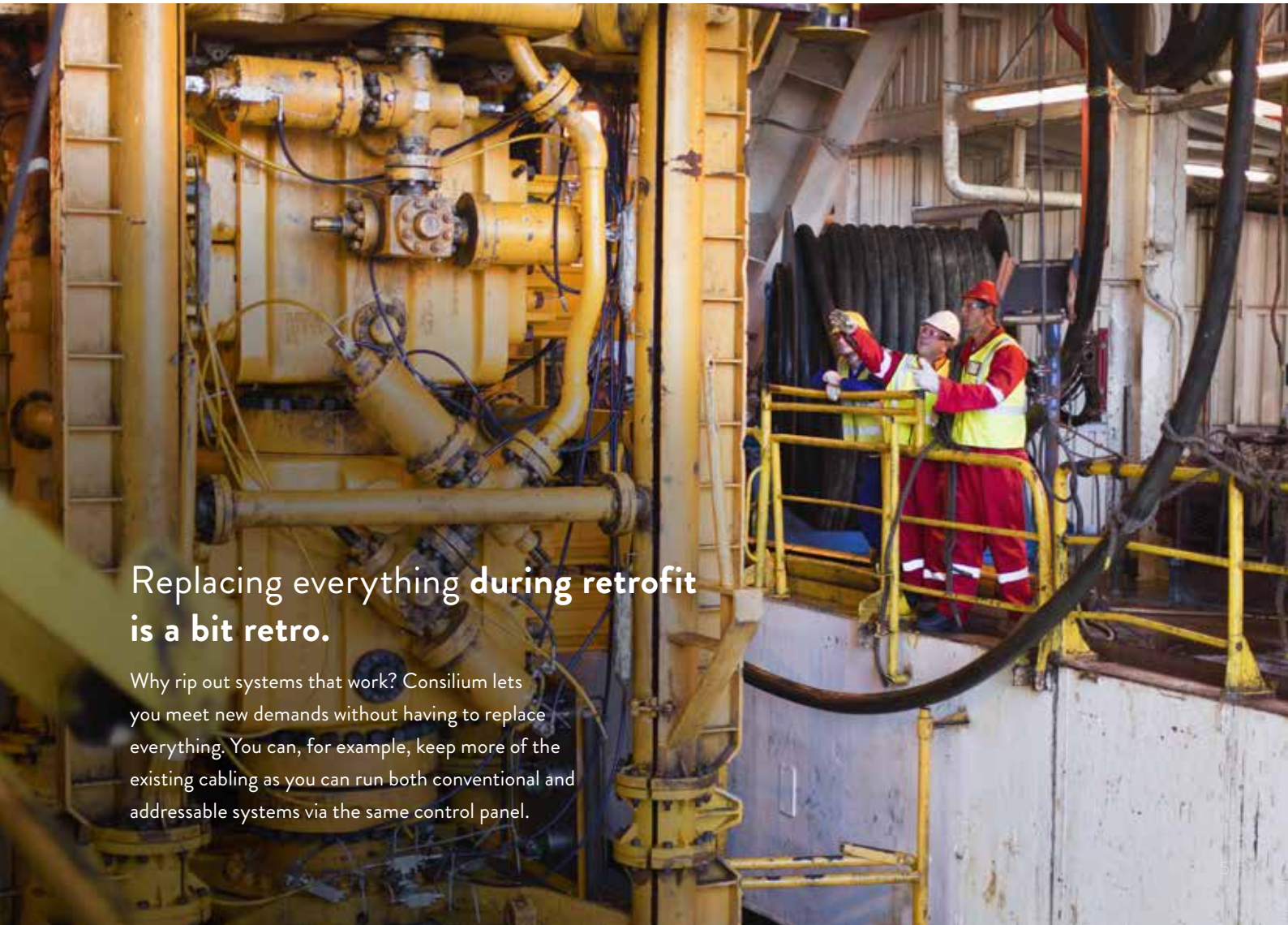
Remote services. The world is in your hands.

Uptime is everything. You can check the condition of your system via remote diagnostics and take action in time. Periodic BIST (Built-In Self-Test) verifies the safety functions of detectors and other loop units from a technical perspective by performing simulation and measuring the response from all relevant signals every five minutes.



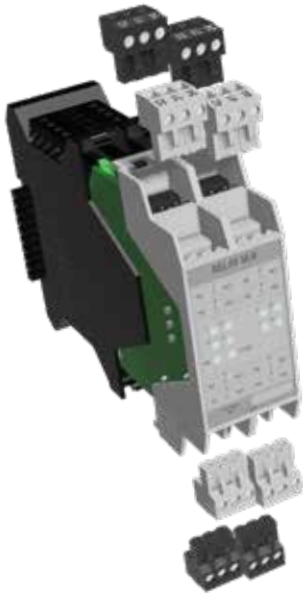
Replacing everything during retrofit is a bit retro.

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.



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 and installation to retrofit and renewal. 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. Build redundant loops the way you want, even in explosive environments. Integration with external systems is also easy as modules can be designed for specific assignments.



NON-STOP UPTIME

Upgrade while operating



Ready for a second career. Time and time again.

The UNI-detector is an innovation proving our approach to flexibility. You can program the detector for different smoke and heat detection tasks by choosing between 14 configurations and 5 sensitivity levels. Easy to install, easy to change and you can keep stocking of spare parts to a minimum.

Taking safety seriously is our driving force.

Our systems protect people, material values and the environment. We believe safety on oilrigs and platforms is crucial and combine in-depth technical knowledge with broad oil and gas experience. You can always expect us to find the right products for your needs. What is more, we put a lot of effort into making our systems easy to operate.



Fire detection

Smoke, Heat



Gas detection

Sampling, Point



Flame detection

Visual, IR

“ We deliver state-of-the-art lifesaving products through a customer-driven organisation. ”

Patrik Saethe

Quality & Safety Manager,
Consilium Marine & Safety AB



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