

# Consilium Fire Safety Group

Consilium Fire Safety Group is a leading supplier of complete fire safety system solutions for niche markets with high safety demands and high protection values. We have the global reach, combined with local presence and support, offering qualified fire safety solution knowledge and cost efficient solutions.

## The main market segments are:

- Oil & Gas Industry
- Oil & Gas Offshore
- Power

## The main applications are:

- Refineries and Petrochemical Plants
- Tank Terminals and Port Jetties
- Hazardous Storages
- Production and Accommodation Platforms
- FPSO and FLNG
- Semi-sub Rigs and Jack-up Rigs
- Helicopter Decks and Aircraft Hangars
- Power Generation and Distribution Plants



## Consilium Fire Safety Group – A complete fire safety solution provider

Consilium Fire Safety Group offers complete fire safety solutions. We work closely with our customers to find and provide the best solutions.

Consilium has extensive fire safety engineering experience for applications within our special market segments.

We offer a complete range of products and services; from proactive solutions and fire prevention systems, to detection and alarm, active fire fighting,

operational support, technical services and support systems.

Within Consilium, we have a vast knowledge of local and international safety standards, regulations and statutory requirements. Consilium work as a global team to give our customers the best possible technical support and service, as well as cost efficient solutions.

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**Consilium**  
When Safety Matters



**Consilium Fire Safety Group**

# Consilium Group

Consilium is a world leading supplier of fire and gas alarm systems and complete Fire safety system solutions for niche markets with high safety demands and high protection values.

Consilium has more than 700 employees in 21 countries world-wide. Consilium AB (publ) is the ultimate holding company, listed on the Nasdaq Stockholm stock exchange.

Consilium Group has two business areas: Consilium Marine & Safety and Consilium Fire safety. Business area Marine & Safety develops and markets fire and gas detection and alarm products and systems, as well as navigation products and systems, for ships, offshore, trains and underground and buildings with high protection values. Business area Fire safety develops and markets complete fire safety solutions to large installations within the Oil & Gas Industry, Oil & Gas Offshore and Power market segments.



## Consilium Group –When Safety Matters

Consilium is a global company, with more than 95 percent of total net sales from customers outside Sweden. We have built up a strong global organization with 48 offices in 21 countries.

More than 75 percent of all employees are employed outside of Sweden. We continuously aim to strengthen the global organization, to enable us to give our customers the best possible global support. Our core values are: We are one global team –

When We take responsibility – We deliver.

When you turn to Consilium, you benefit from unique expertise, high quality products and customized solutions, developed for our niche markets. Consilium develops and markets quality products and systems, with a focus on Safety and Reliability. Our vision is that customers shall choose Consilium “When Safety Matters”.

# Consilium Fire Safety Group is a complete fire safety solution provider



## Protection of Hazardous areas and High value assets

Consilium Fire Safety Group offers customized fire safety solutions for protection of hazardous areas and high value assets, within our focus market segments and applications. Our systems are developed to protect our customer's personnel and investments.

We never compromise with health, safety and the environment, be it for our employees, customers or any third parties involved in our projects. We offer fire prevention solutions (pre-studies, risk analysis, heat radiation and hydraulic calculations, as well as fire prevention systems), detection and alarm (fire

detection and alarm, gas detection and alarm, tank and pipe leak detection and alarm), active fire fighting (fire fighting equipment, water based systems, foam systems, suppression systems and special hazardous systems), operation support (maintenance and after sales support), technical services (consultancy and project management), support systems (safety management systems, decision support systems, emergency shut down, utility systems, as well as electrical, instrumentation and automation systems for tank terminals).

# Oil & Gas Industry

Within Consilium, we specialize in providing complete fire safety systems on a turn-key basis for the oil & gas industry. Consilium supplies complete fire protection systems for refineries, petrochemical plants, tank terminals, port jetties, aircraft hangars and hazardous storages. We offer system design, engineering, safety and risk analysis, heat radiation studies and hydraulic calculation services. Our offering includes responsibility for procurement and commissioning of systems. We can take care of local statutory approvals. Consilium can provide complete project management and consultancy services, and offers extensive after sales support and retrofit services for our supplied systems.



## Customized solutions

Consilium offers customized fire safety solutions for protection of hazardous areas and high value assets within the Oil & Gas industry. We are a system solution provider, with a unique expertise within this market segment, and always aim to give our customers the best fire safety system solution for the specific application.

Our offer covers a complete range of fire safety products and systems, from lightning protection, to detection of oil and gas leaks, heat, smoke and flames, and a wide range of active fire fighting solutions. Among other special solutions, we

provide automatic rim seal protection for tanks with floating roof, detection of ammonia leaks with automatic foam protection, big flow systems for large tank terminals, as well as systems for the protection of port jetties and aircraft hangars. We also provide consultancy services for our customers.

Consilium also provides electrical, instrumentation and automation systems for tank terminals, including special safety analysis and system requirements.

# Oil & Gas Offshore

Within the Consilium Fire Safety Group there is a long experience in providing active fire fighting systems to the Offshore Industry. Consilium supplies complete fire protection systems for Production Platforms, Semi-sub Rigs, Jack-up Rigs, FPSO and FLNG, including special fire protection systems for helicopter decks, and supplementary utility systems. We offer system design, engineering, transient and hydraulic calculation services, and provide complete project management and commissioning of systems. Our fire fighting products and systems can be provided in all type of materials to suit customer requirements for the specific application. Consilium also offers fire prevention and SIL-2 approved fire detection systems for the offshore market.



## Customized solutions

Consilium offers customized fire safety solutions for hazardous areas within the Offshore Industry. We are a system solution provider, with unique expertise within this market segment, and always aim to give the customers the best fire safety system solution for the specific application.

Within Consilium, there is a long experience in developing of special components and products for active fire fighting in high grade materials. We design and produce high quality products and systems for

active fire fighting in offshore applications, using modern 3D software. All products are tested before delivery. We have our own test systems, including high flow test facilities with up to 35,000 lpm @ 12 bar, and high pressure test systems.

Our offer covers a complete range of customized fire safety products and systems, from special hydrants and valves in high grade materials, to large deluge and foam systems, and fire protection systems for Helicopter decks.

# Power

Within Consilium, we are specialized in providing complete fire safety systems on turn-key basis for the Power Industry. Consilium supplies complete fire protection systems for power generation and distribution plants. We can act as a complete EPC (Engineering, Procurement and Construction) system integrator, or as an engineering and system supplier. Consilium offers complete fire safety systems for coal, oil, gas, hydro, nuclear and wind power plants. We offer system design, engineering and risk analysis, as well as procurement, installation and commissioning of systems.



## Customized solutions

Consilium offers customized solutions for hazardous areas in power plants. We are a system solution provider, with unique expertise within this market segment, and always aim to give the customers the best fire safety system solution for the specific application.

Consilium offers systems for prevention of fire, a wide range of detection solutions for oil leaks, heat,

smoke, flame and gas for hazardous areas in power plants, as well as a complete range of active fire fighting solutions with deluge, foam and suppression systems. We offer a number of special solutions, like flame detection with automatic directed monitors for fire fighting. Within Consilium, we have resources for global supply with installation, commissioning and start-up.