



Energy risk engineering

“How would your customers and investors react in the event of a major loss?”

The benefits of a properly implemented loss prevention program extend beyond the physical protection of your core assets.

A major loss event will have a detrimental impact on the external perception of your organisation, which will inevitably translate into financial consequences.

Protecting your core assets



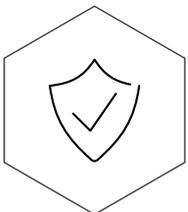
Market share



Asset/revenue protection



Investor confidence



Brand / reputation

We're here to empower results

Find out more about the benefits of ALERT and the other services offered by AERE by contacting your local Aon representative or:

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Aon Energy Risk Engineering (AERE)

AERE is confident it has both the technical capability and global resource to partner with energy clients to enhance their risk engineering and loss prevention capabilities.

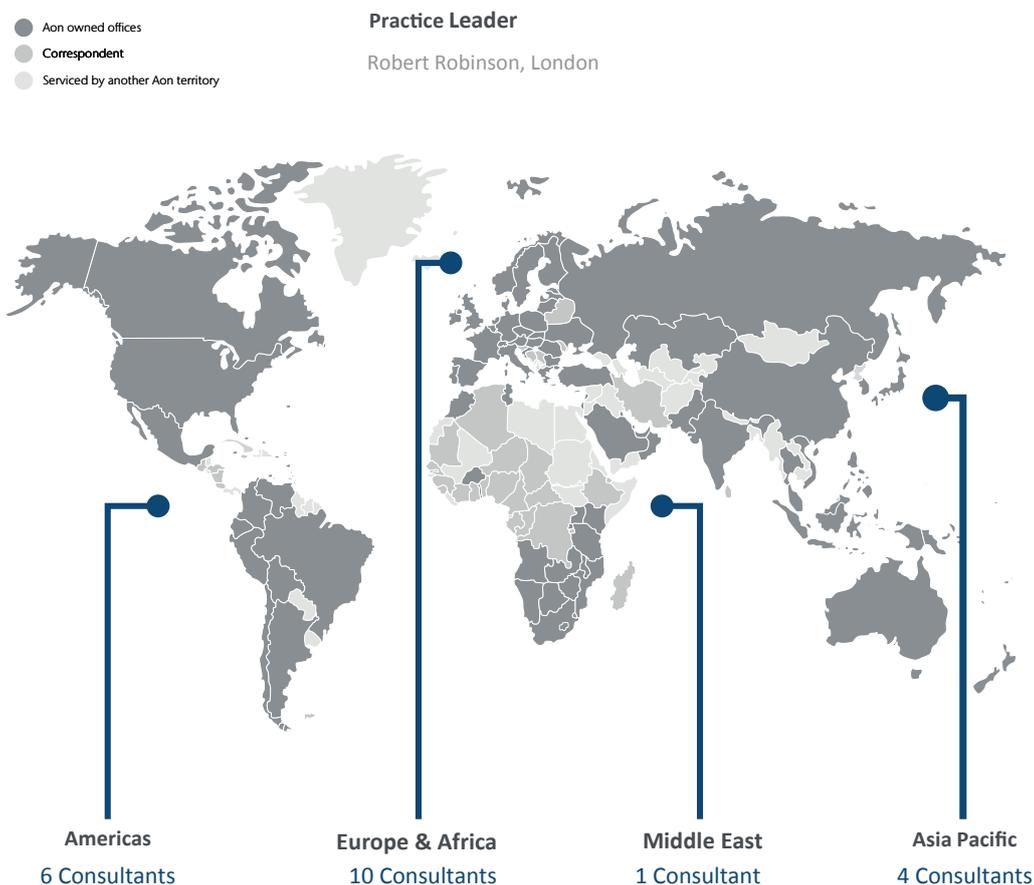
The AERE team visits hundreds of oil and gas facilities around the globe every year. This experience enables the Aon engineers to fully understand international best practice and standards.

Partnering with Aon facilitates a proactive and progressive approach to optimising your risk management practices, ensuring that your organisation is as closely aligned as possible to “best in class” by:

- Facilitating the sharing of international best practice and standards
- Driving risk improvement through risk recommendations
- Independent verification of your risk engineering culture

The AERE team is comprised of chemical engineers, all of whom have significant practical, operational and process safety experience in the oil, gas and petrochemical industry prior to joining Aon. Many of the team have also worked for insurance companies giving them a specialist understanding of the needs of insurers.

“In many instances the costs associated with these services are recoverable from the insurance market”



Valuations specialist

Aon Energy Risk Engineering uniquely includes valuation specialists working on oil and gas assets offering:

- Detailed replacement cost valuation studies
- Valuation indexation updates

Aon Loss Estimating Risk Tool (ALERT)

In order to continually add value to its clients, AERE has looked to reset the benchmark for EML analysis, modelling and scenario testing by developing innovative proprietary software, ALERT.

ALERT has been calibrated against historical loss activity to improve overall loss prediction accuracy. Uniquely for vapour cloud explosion modelling it considers:

- Dispersement factors (wind)
- Pressure decay
- Discharge characteristics

Its capability has been further enhanced through the ability to consider the impact of jet fires, vessel ruptures, BLEVEs and spill fires, making it one of the most comprehensive assessment tools available.

Other services include:

- Business interdependency modelling
- Third party liability risk quantification
- Pre-construction risk evaluation

About Aon

Aon plc (NYSE:AON) is a leading global provider of risk management, insurance brokerage and reinsurance brokerage, and human resources solutions and outsourcing services. Through its more than 50,000 colleagues worldwide, Aon unites to empower results for clients in over 120 countries via innovative risk and people solutions. For further information on our capabilities and to learn how we empower results for clients, please visit: <http://aon.mediaroom.com>.

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