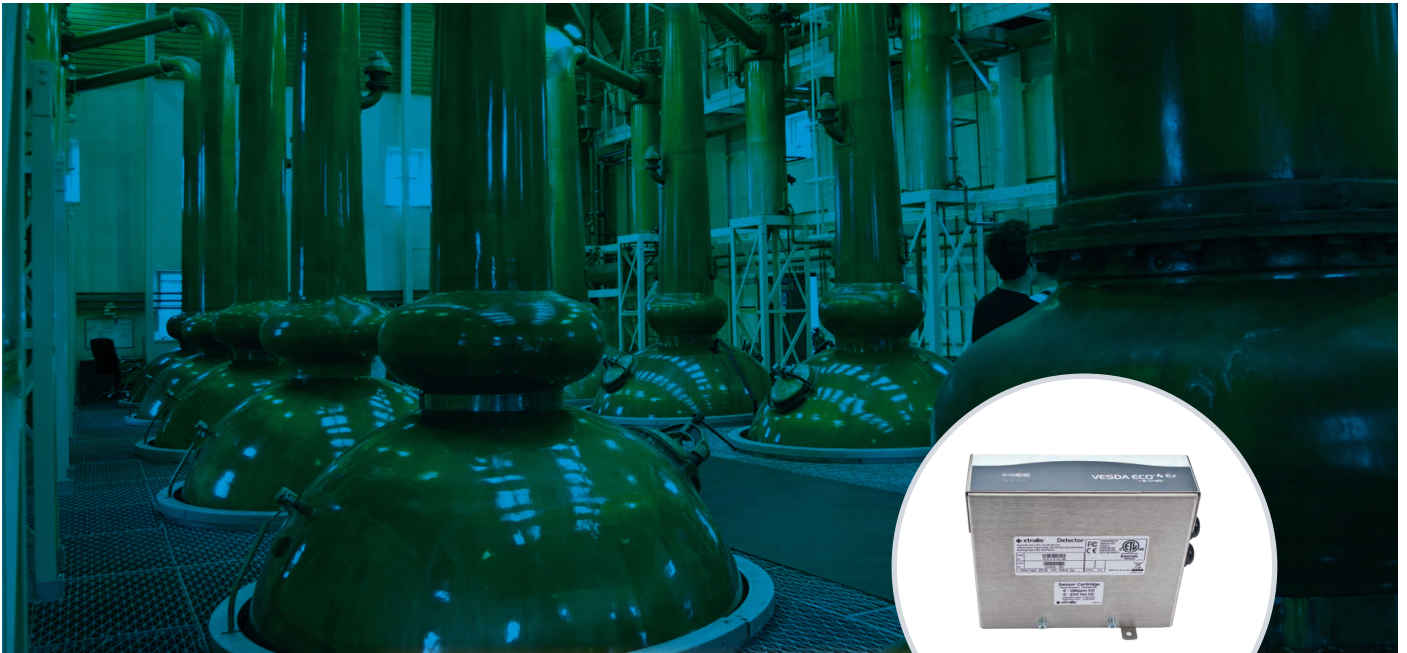


VESDA ECO (Ex)

ASPIRATING SMOKE DETECTION COMBINED WITH GAS MONITORING



Leverages the existing ASD pipe network to detect smoke and gases

Easy to install and maintain

From the leader and pioneer in early warning fire detection solutions

DETECTING INVISIBLE DANGERS

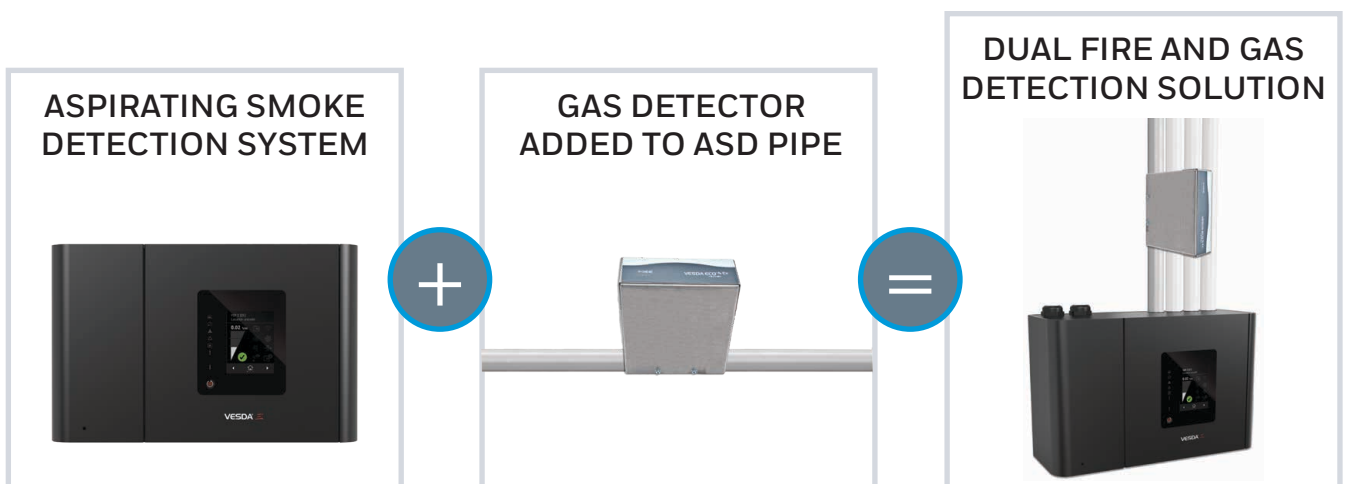
A fire can have catastrophic consequences and cost millions of dollars in business disruption and result in the tragic loss of lives and assets. The key to fire protection is the mitigation of risk through early warning. By detecting a fire before it escalates, an effective response can be staged.

The same principle applies to gas detection. This invisible hazard can originate from the release of toxic gases, oxygen deficiency, or the presence of combustible gases and vapors. When detected at an early stage, countermeasures can be initiated to protect personnel and property.

ASD WITH GAS DETECTION AND ENVIRONMENTAL MONITORING

VESDA ECO (Ex) is a multi hole aspirated gas detector that connects to VESDA sampling pipe network:

- Leverages existing VESDA ASD pipe networks to cost effectively detect both smoke and gas in addition to providing environmental monitoring
- Provides detection for flammable gas (alcohols) through simple expansion without major construction or retrofitting
- Suitable for harsh environments
- Provides non-intrusive detection for aesthetics or to prevent vandalism
- Enables centralized monitoring and communication with building systems for real-time awareness
- Easily integrates with FACP/PLCs/HVAC/BMS



BENEFITS OF ASD COMBINED WITH GAS DETECTION AND ENVIRONMENTAL MONITORING



- 24/7 protection with active air sampling for the earliest warning of smoke and reliable gas detection
- Simplified gas detection with lower installation costs through the use of the existing VESDA ASD pipe network
- Multiple gas-sampling points for better area coverage
- Full integration with Xtralis VSC and VSM4 software simplifies configuration and management
- Direct interface to FACP, HVAC and BMS using relays, 4-20 mA or Modbus outputs
- Reliable detection even in harsh environments

GAS AND RANGE SPECIFICATIONS

Alcohols 0-100% LEL

HOW VESDA ECO (Ex) WORKS

VESDA ECO (Ex) uses the existing VESDA air sampling pipe network to actively monitor for flammable gas (alcohols) and ensure air quality in occupied areas.

ECO (Ex) is approved for use within Class I Division 2 classified hazardous locations. It must be used with a similarly approved VESDA ASD and installed within the Class I Div 2 area.

The VESDA ECO (Ex) detector is configured using Xtralis VSC configuration software. The detector also can be monitored using Xtralis VSM4 monitoring software. Both VSC and VSM can be used to download data from the on-board memory card for data analysis and trending of historical data.



Integration with other building systems, including fire alarm control panels (FACPs), programmable logic controllers (PLCs), heating ventilation and air conditioning (HVAC) systems, and building management systems (BMS), also is possible for real-time situational awareness and intelligent emergency response.

ABOUT XTRALIS



Xtralis is the leading global provider of powerful solutions for the very early and reliable detection of smoke, fire, and gas threats. Our technologies prevent disasters by giving users time to respond before life, critical infrastructure or business continuity is compromised.

We protect highly valued assets and infrastructure belonging to the world's top governments and businesses.

To learn more, please visit us at www.xtralis.com