Fire Detection for All Environments

Early & Reliable Detection

Xtralis is the leading global provider of powerful solutions for the early detection of fire, gas and security threats. Xtralis has been a pioneer in life safety and security for more than 25 years. We are the world's largest manufacturer of very early warning aspirating smoke detection (ASD) systems, including VESDA, the world's No. 1 ASD brand.

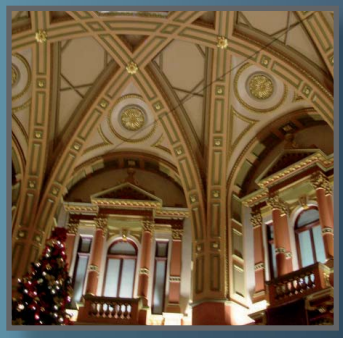
In an industry driven by very high standards of accreditation, regulatory compliance and applications solution design, Xtralis has a solution for any environment from the "Ultra Clean" to the "Ultra Dirty".

VESDA Aspirating Smoke Detection

VESDA by Xtralis detectors are highly sensitive smoke detection systems capable of functioning and detecting smoke in a wide range of conditions and applications. For every environmental condition, regardless of the clean to dirty extremes of these applications, VESDA is the solution.

In the high airflow conditions of an ultra clean environment the delayed detection of smoke not only compromises the sterile environment, but can also cause irreversible damage to the clean room, the equipment and the manufactured product.

A VESDA detector constantly draws air to the detector providing the optimum protection against fire by reliably detecting the presence of smoke at the earliest possible stage. A VESDA system can be designed, modeled and installed to cater for any harsh, dirty, dusty or polluted environment. Traditional smoke detection systems have always struggled to perform and distinguish smoke in these difficult, hazardous or polluted environments. Poor detection, shorter detector life, false alarms and higher levels of maintenance are all factors that create concern and increase the ongoing costs to the end user.






Solutions & Applications

From the confined spaces of correctional institutions to the large, open spaces in cultural facilities, warehouses and airports to data and telecommunications centers with rows of server cabinets to heated production floors in industrial complexes, VESDA ASD systems deliver superior very early fire detection in all environments.

Traditional smoke detectors are either ineffective or cannot reliably protect such environments due to dust, humidity or corrosive atmospheres and can be expensive to deploy. Xtralis very early warning fire detection systems provide cost-effective, easy-to-maintain protection regardless of the environment.

Other applications include:

- Hospitals & Healthcare
- Correctional Facilities
- Cold Storage
- Clean Rooms
- IT and Computer Rooms
- Telecommunications
- Heritage
- Atria and Large Open Space
- Accommodation (Apartments, Hotels, Shops, & Offices)
- Switch and Control Rooms
- Warehousing
- Records Storage
- Transport
- Oil/Gas and Energy Plants
- Processesing Plants
- Waste Treatment
- Mining
- Wind Power Generation
- Power Generation, and more...

Approvals

UL USA
ULC Canada
Bureau Veritas Marine Division France
(SMA) C-Tick Australia
FM Global Worldwide
VdS Europe
EC/CPD EN 54-20
LPCB WORLDWIDE EN 54-20
CFE China
ONORM Austria
Conformite Europeene EU (EMC)
CSFM US
AFNOR France
ITS UK
NY-MEA USA
FDA Laser Safety USA
BOMBA Malaysia
VNIIPO Russia
HK Fire Services Hong Kong
ACTIVFIRE Australia
Lloyds Register
INTYG Sweden
FM-Hazardous Areas Global Worldwide

Facilities Protected by VESDA

- **Kaltex (Mexico)** Cotton and Textile Plant
- **Cutler Airforce Base (US)** Very Low Frequency Antenna
- **ArcelorMittal Steel Mill (US)** Electrical Equipment Room
- **Superior Essex (US)** Manufacturing
- **SSAB Tunnels (US)** Tunnel
- **Southern Companies (US)** Boiler Feed Pumps
- **Presidential Libraries (US)** Archives
- **London Underground (UK)** Transport
- **House of Lords (UK)** Government Building
- **Bank of Scotland (UK)** Banking
- **Madrid Metro (Spain)** Transport
- **Forbidden City (China)** Heritage site
- **JSP Foam Products (Singapore)** Industrial
- **New Zealand Steel (New Zealand)** Switch Room
- **AELEC (Australia)** Tamworth Equestrian Center
- **Telstra (Australia)** Communications

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