



# Powerful Early Warning Safety and Security Solutions

FIRE  
DETECTION

VIDEO  
SURVEILLANCE

ACCESS  
CONTROL

INTRUSION  
DETECTION

TRAFFIC  
MANAGEMENT

COMMAND &  
CONTROL SOFTWARE



- **VESDA** – world's No. 1 air-sampling smoke detector
- **3 billion** square feet of facilities protected against fire
- **350,000** smoke detection systems installed

## Xtralis provides powerful, early warning safety and security solutions that identify threats before life, critical infrastructure or business continuity is compromised.

How safe are your employees, facilities and business assets? Are you protected against fire, environmental hazards, unauthorized entry, theft or other threats? Only Xtralis can warn you before disaster strikes, giving you time to mitigate risk and respond rapidly to prevent loss of life and business continuity.






Xtralis has been a pioneer in safety and security for more than 25 years. We are the world's largest manufacturer of aspirating smoke detectors, and we developed the industry's first video motion detection technologies. Today, the world's most respected businesses and top governments rely on our technologies to protect personnel, infrastructure and irreplaceable cultural and historic landmarks.

Through a worldwide network of certified distribution partners, we are proud to meet the safety and security needs of more than 40,000 customer sites in 100 countries.

### Xtralis solutions help protect people, facilities and assets across numerous industries including:

- » Government and Critical Infrastructure
- » Data and Telecommunications
- » Energy and Utilities
- » Correctional Institutions
- » Warehousing, Transportation and Logistics
- » Cultural and Historic Sites
- » Industrial and Manufacturing
- » Financial Services and Retail

### The award-winning Xtralis portfolio includes

	Very early warning fire detection
	Flexible fire and environmental monitoring solutions
	Video security and intrusion detection
	IP access control and security
	Traffic detection and management

# XTRALIS AT A GLANCE

- **200** Fortune 500 customers
- **45,000+** security systems installed
- **50,000+** traffic detectors deployed

## A Complete View of Your Safety and Security Operations

Xtralis provides powerful protection around the clock, delivering intelligence from a range of sensors deployed across your enterprise. Our life safety and security solutions can be integrated seamlessly to provide proactive alerts and alarms, giving you a 360-degree view of your operations for unparalleled situational awareness to guard against loss and enhance emergency response.

The Xtralis technology portfolio protects more than 110 separate innovations in fire and gas detection, access control, intrusion detection, video surveillance and traffic management. We use targeted Six Sigma techniques and design reliability analysis to manufacture our solutions, which have been certified by more than 35 regulatory bodies worldwide.

## Our solutions help you:

### Minimize Risk

- » Best-in-class detection of specific threats
- » Early warning without nuisance alarms
- » Reliable detection in challenging environments
- » Timely information and intelligent analysis

### Reduce Costs

- » Easy and seamless integration
- » Convenient installation and maintenance
- » Reduction in labor requirements
- » Lower insurance premiums
- » Use of existing infrastructure

### Enhance Value

- » Powerful situational awareness
- » Increased productivity and staff efficiency
- » Faster, more intelligent investigations
- » Centralized management of disparate safety and security systems

## The Xtralis **360-Degree View** of Safety and Security Operations





# Early Warning Fire

Xtralis is the inventor and pioneer of aspirating smoke detection (ASD) technology, and Xtralis VESDA is the No. 1 ASD solution in the world. The Xtralis ASD range delivers very early detection of smoke, fire, gas and hazardous materials and operates reliably where traditional smoke detection fails.

## Beyond Traditional Point Detectors

Xtralis provides highly reliable smoke detection at the earliest presence of fire while discriminating against false alarms. Conventional fire detection does not offer adequate protection because toxic smoke can begin to spread, and fire damage can occur before a warning is issued. In contrast, Xtralis fire detection systems, including our VESDA and ICAM lines, continuously sample air for even the smallest traces of smoke and provide valuable time to understand a threat and stage an intelligent response.

## Absolute Detection Even in Challenging Environments

Xtralis ASD solutions provide absolute detection in a wide range of environments – from coal mines to clean rooms and from airports and atriums to prison cells. Engineered for flexibility and dependability, Xtralis ASDs are purpose-built for reliable operation in the dirtiest to the cleanest of environments and from very small to large, open spaces. Tolerance to contamination, broad sensitivity and low cost of ownership in these varied applications makes Xtralis the provider of choice for today's fire safety professionals.

## More than Fire Protection

Xtralis offers more than just fire protection solutions. Our advanced air-sampling systems provide optional gas detection modules that protect against poor air quality or contamination from a wide range of substances including carbon dioxide, hydrogen, methane, natural gas, propane and ammonia. Our systems also can be equipped with sensors for temperature, humidity and flooding to provide broader environmental awareness and control.

## The Xtralis Life Safety Portfolio Advantage

- » Very early detection to mitigate risk of business interruption and catastrophic loss
- » 1,000 times more sensitive than traditional detectors
- » Reliable and continuous operation in extreme conditions when traditional smoke detection fails
- » Central detector location and powerful networking capabilities for the industry's lowest cost of ownership



# Detection Solutions

## Data/Telecom

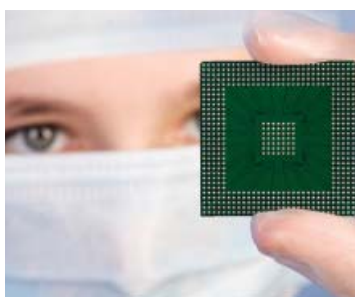
**Xtralis safeguards mission-critical computer and telecommunications systems from fire and theft to prevent data loss, downtime and business disruption.**



**Xtralis in Action >>** A global telecommunications giant installed Xtralis early warning fire detection solutions across key areas of its services network. The systems, which are installed in central office exchanges, data centers and cable tunnels across the company's enterprise, protect against incipient smoke and fire. Early warning alerts are monitored and controlled from the company's network operations center, ensuring service continuity for more than 60 million customers.

## High-Tech Manufacturing

**Xtralis secures high-tech manufacturing facilities against fire, theft and intrusion that can dramatically impact production and business continuity.**



**Xtralis in Action >>** An international electronics manufacturer protects its multi-billion dollar manufacturing facilities with Xtralis fire detection solutions, which keep production lines, high-value storage areas, and clean rooms safe from smoke damage and fire risks. Powerful event management tools provide on-the-ground intelligence to first-responders and help ensure continuity of operations.

## Industrial Facilities

**Xtralis ensures the safety of employees at critical industrial facilities and protects valuable inventories from smoke, fire and theft.**



**Xtralis in Action >>** One of the world's largest steel producers chose Xtralis VESDA to enhance fire safety at a new production plant in South America, as ensuring the safety and security of its workforce is this organization's highest priority. VESDA's unique ability to reliably detect the earliest presence of smoke in large, open industrial facilities and warehouses – and to operate reliably in challenging high-heat environments – made it the obvious choice to meet this company's demanding requirements.

# A Powerful Portfolio of Int

Xtralis Security Solutions help identify threats before disaster strikes, giving you time to intervene before personnel, assets or operations are compromised. Our portfolio delivers unparalleled situational awareness from the edge of your facility to its very core, transforming your security program from reactive forensic monitoring to proactive detection.

## Early Threat Detection

The Xtralis portfolio features the industry's broadest range of powerful indoor and outdoor security solutions, including defense-grade perimeter protection, passive infrared and video motion detection, robust video recording and transmission, remote monitoring software, energy-efficient video storage, flexible and scalable IP access control, and integrated command and control software. These solutions help you anticipate threats proactively, eliminating risks to your people and property.

## Integrated Central Management

Proactive alerts from a wide array of Xtralis sensors – fire, infrared, perimeter intrusion, video surveillance, and access

control – are integrated with our exclusive M3000 Command and Control Software to provide around-the-clock protection without nuisance alarms, reducing manpower costs and enabling an intelligent response in the event of a threat or an actual emergency.

## IP- and IT-Centric Solutions

The Xtralis portfolio is designed to meet the demands of both IT and security professionals. Our solutions integrate easily with existing analog- or IP-network infrastructures and feature technologies that reduce the burden on already resource-constrained staff, networks and power requirements.

## Traffic Detection and Management

Xtralis also offers traffic data acquisition and intersection control solutions for improving the safety and security of highways, arterial roads and intersections. Xtralis Traffic Solutions combine a variety of detection technologies to deliver optimum performance and reliable counting, speed assessment and classification of vehicles and pedestrians.

## The Xtralis Security Portfolio Advantage

- » Defense-grade perimeter protection
- » Powerful alarm management for actionable intelligence for thousands of sites
- » Revolutionary Cold Disk Technology™ for unlimited video storage and a 50% reduction in power consumption over traditional DVRs
- » Superior detection in challenging outdoor applications and the industry's lowest nuisance alarm rates
- » High security, fully encrypted all-IP access control





# egrated Security Solutions

## Government

**Xtralis secures the facilities of local, regional and national governments around the world, providing protection from the potentially catastrophic consequences of fire, unauthorized entry and theft.**



**Xtralis in Action >>** A high-profile state agency in Eastern Europe required a single solution for access control, intrusion detection, digital video surveillance, and fire protection deployed over the agency's TCP/IP network. This agency deployed the Xtralis security portfolio managed by the M3000 Command and Control Software, which provides interoperability between all security and fire detection applications on one unified platform. Proactive alerts provide operational intelligence for a more informed emergency response.

## Utilities

**Xtralis secures electric, nuclear power and water treatment plants, as well as oil and gas production facilities and refineries, to prevent damage from fire and attacks by criminals and terrorists.**



**Xtralis in Action >>** A leading U.S. utility provider installed Xtralis defense-grade perimeter detection and remote monitoring solutions to prevent unauthorized entry and ensure the safety of its geographically dispersed power facility. Xtralis helps secure the power grid, including transmission lines, transformers and substations, that serves more than 300,000 customers, reducing the utility's cost for security personnel while heightening the protection of its assets.

## Transportation/ Logistics

**Xtralis protects mission-critical distribution networks against fire and security breaches that can compromise the operation of the global supply chain.**



**Xtralis in Action >>** An international leader in cargo transportation and shipping constructed a new hub at a major European airport that includes a large distribution center and hangar for more than 50 aircraft. These facilities are protected by Xtralis integrated IP security and access control solutions, including hundreds of cameras and card readers. Almost 70,000 events are recorded and analyzed daily using command and control software to monitor more than 70 detection areas and 3,000 alarm points.

## Our Customers

Xtralis helps ensure the safety and security of people, critical infrastructure, business assets and operations for many of the world's most recognizable and successful organizations. A representative list of our customers includes:

- » BMW
- » BT
- » Clinton Library
- » DHL
- » Dome of the Rock Mosque
- » Dubai Airport Terminal 3
- » Eurostar Transit System
- » Heathrow Terminal 5
- » Hearst Castle
- » Her Majesty's Prison Service
- » HSBC
- » Hyderabad Convention Center
- » ING
- » Irish Aviation
- » Jack Daniel's
- » McDonald's
- » Microsoft
- » NASA
- » Renault
- » Sungard
- » ThyssenKrupp
- » T-Mobile
- » Volkswagen



For more information about **Xtralis** and how our powerful, early warning safety and security solutions can protect your business, please contact us at:

- » Americas +1 800 229 4434
- » Asia +852 2916 8894
- » Australia and New Zealand +61 3 9936 7000
- » Belgium +32 56 24 19 51
- » Middle East +962 6 5691083
- » Switzerland +41 55 285 99 99
- » United Kingdom +44 1442 242 330

FIRE  
DETECTION

VIDEO  
SURVEILLANCE

ACCESS  
CONTROL

INTRUSION  
DETECTION

TRAFFIC  
MANAGEMENT

COMMAND &  
CONTROL SOFTWARE

© 2009 Xtralis Ltd. All rights reserved worldwide.

The contents of this document are provided on an "as is" basis. No representation or warranty (either express or implied) is made as to the completeness, accuracy or reliability of the contents of this document. The manufacturer reserves the right to change designs or specifications without obligation and without further notice.

Doc. 14222\_04

