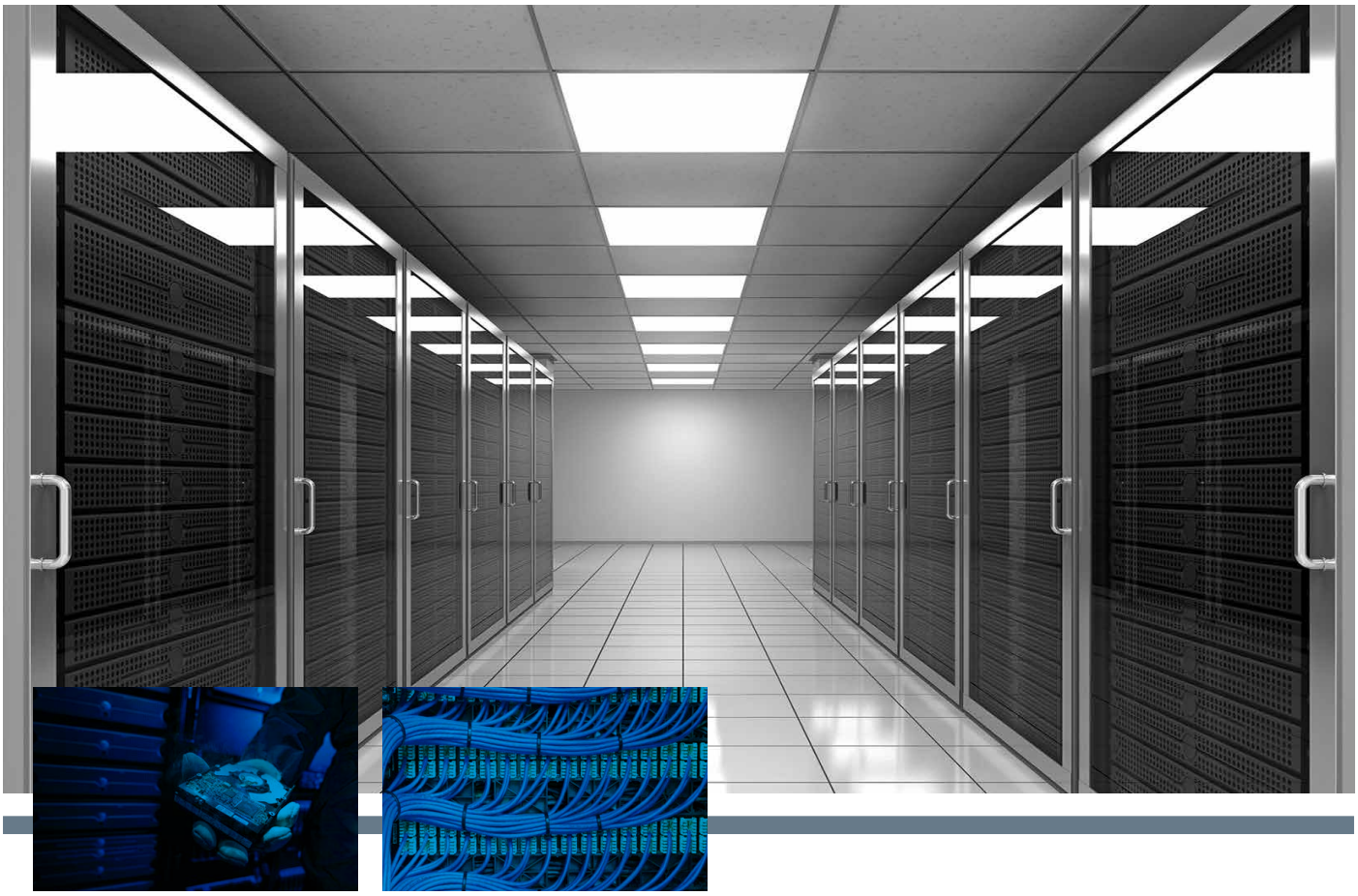
VESDA-E

SMOKE DETECTION SOLUTION FOR MISSION CRITICAL INFRASTRUCTURE



VESDA-E DATACOM APPLICATIONS

Mission critical facilities are at the foundation of an organization's ability to function. Maintaining the integrity and availability of the infrastructure is a top priority. Mission critical facilities are dynamic infrastructures comprised of many elements each having the potential of instigating or propagating a fire.

Consider the magnitude of electrical systems and subsystems, mechanical systems or adjacencies both internal and external to the facility. The consequences of even a small incident can be severe.

LEARN MORE: XTRALIS.COM/DATACOM

VESDA-E SIGNIFICANTLY MITIGATES FIRE RISKS, WHILE LOWERING COSTS

SMOKE IS ONLY THE START OF THE PROBLEM

Detecting smoke at the earliest possible stage of fire growth development is of crucial importance.

When exposed to smoke, significant equipment damage in facilities housing sensitive IT/communication equipment is predominantly the result of corrosion. Smoke-borne chemicals can be deposited on delicate electronic equipment whereby humidity and moisture can then interact with these chemicals to initiate corrosion. HVAC systems contribute to widespread distribution effecting adjacent equipment downstream from the source of the incident. Corrosive may significantly effect equipment reliability leading to latency or complete network outages.

VESDA-E Smoke+ mitigates this problem by providing earlier warning than ever before – even in high airflow environments. Up to 15 times higher sensitivity and support for more sampling holes make VESDA-E the highest performing ASD solution for mission critical facilities.

VESDA-E: TARGETED DETECTION

VESDA-E's ability to discriminate between different smoke and particle types is a major benefit for Datacom facilities, especially those located in major cities. Dense urban environments are characterized by background levels of ambient pollution, including motor vehicle exhaust, manufacturing smoke, dust and soot. These ambient sources inevitably enter even the most sterile facility – via air-conditioning systems, loading bays, and the movements of staff and clients.

With most fire detection systems, this forces a trade-off between very early warning and increased risk of costly nuisance alarms. In many cases, the only practical solution is to reduce detector sensitivity.

VESDA-E's intelligent Flair detection technology allows high sensitivity alarm threshold setting and superior dust rejection at the same time reducing the probability of nuisance alarms while maintaining the highest level of early warning.

YOUR DATACOM OPERATION IS AT THE HEART OF THE MODERN WORLD. VESDA-E IS THE ONLY ASD SYSTEM THAT CAN KEEP IT THERE

VESDA-E builds upon more than 30 years of experience protecting Telecommunications and Data Centers. VESDA systems already protect iconic buildings and high-tech facilities around the world making VESDA the uncontested leader in very early warning smoke detection for Data Centers.

VESDA-E CONNECTS TO YOUR BUSINESS

VESDA-E provides unprecedented connectivity through an embedded webserver, VESDAnet, Ethernet, Wi-Fi, and USB support. Monitoring is further enhanced through iVESDA for both Android™ and iOS hand held devices.

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 and irreplaceable assets and infrastructure belonging to the world's top governments and businesses.

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

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