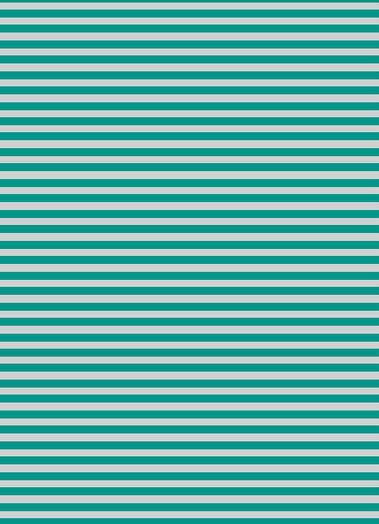# Effective, efficient response for emergency situations

Risk Management

Visu*LAN*®
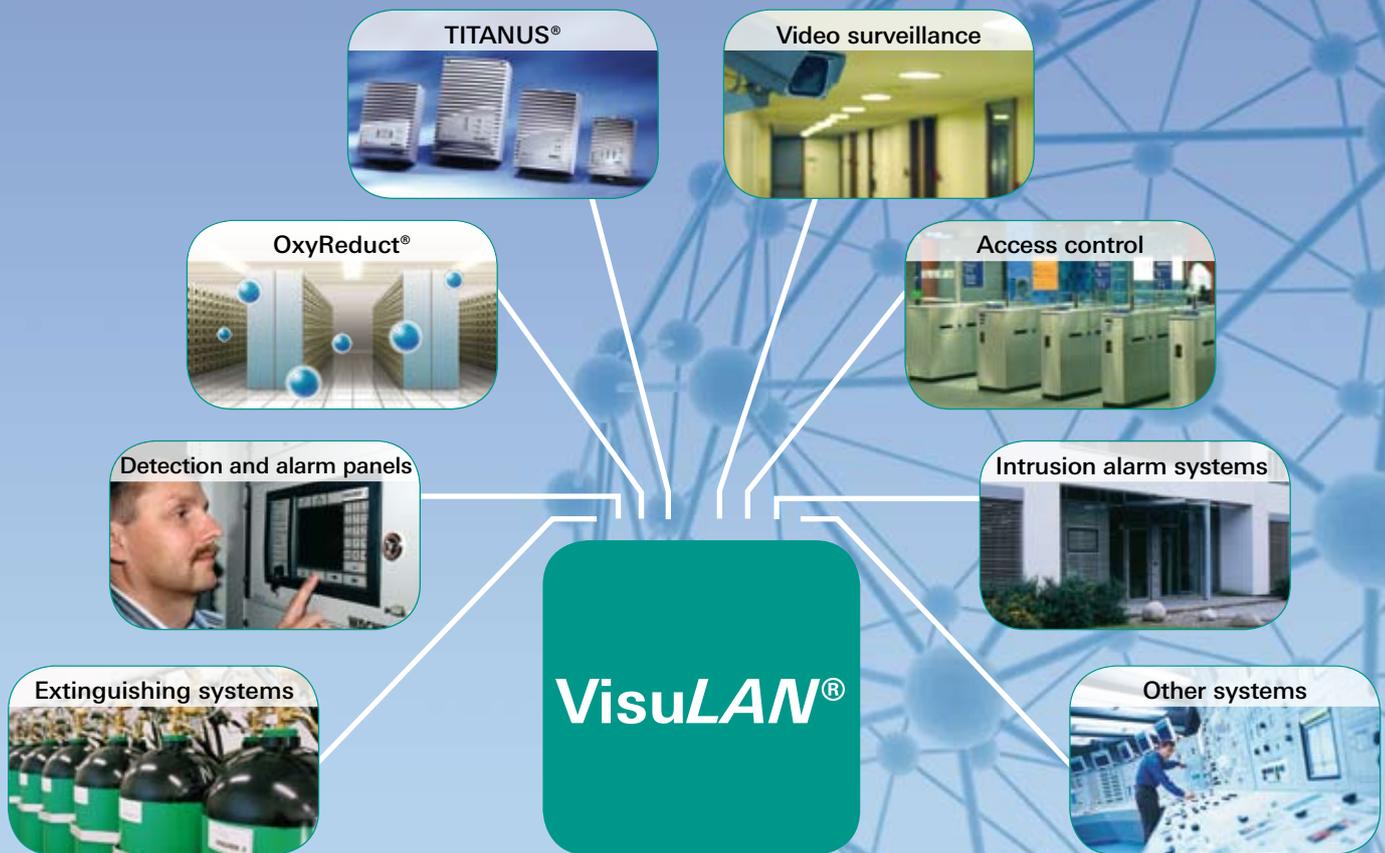
The network-based

Risk Management System

WAGNER®

Information at a glance

Effective, efficient response for emergency situations

For each particular situation there are good solutions. Yet, all too often these are isolated solutions. This can significantly increase the risk potential, because the procedures required to ensure an effective response are not coordinated. The **Visu*LAN*®** Risk Management System addresses this problem head on while at the same time making it significantly easier to operate existing safety and security systems.

TITANUS®

Video surveillance

OxyReduct®

Access control

Detection and alarm panels

Intrusion alarm systems

Extinguishing systems

Visu*LAN*®

Other systems

The problem: diverse, incompatible reporting platforms

To ensure reliable protection and security, it is essential to install reliably effective and precisely coordinated individual measures. In a hazardous situation all the relevant safety systems must function reliably and all the responses and procedures must be initiated immediately and properly carried out. This is not always the case when different security and surveillance systems have been installed.

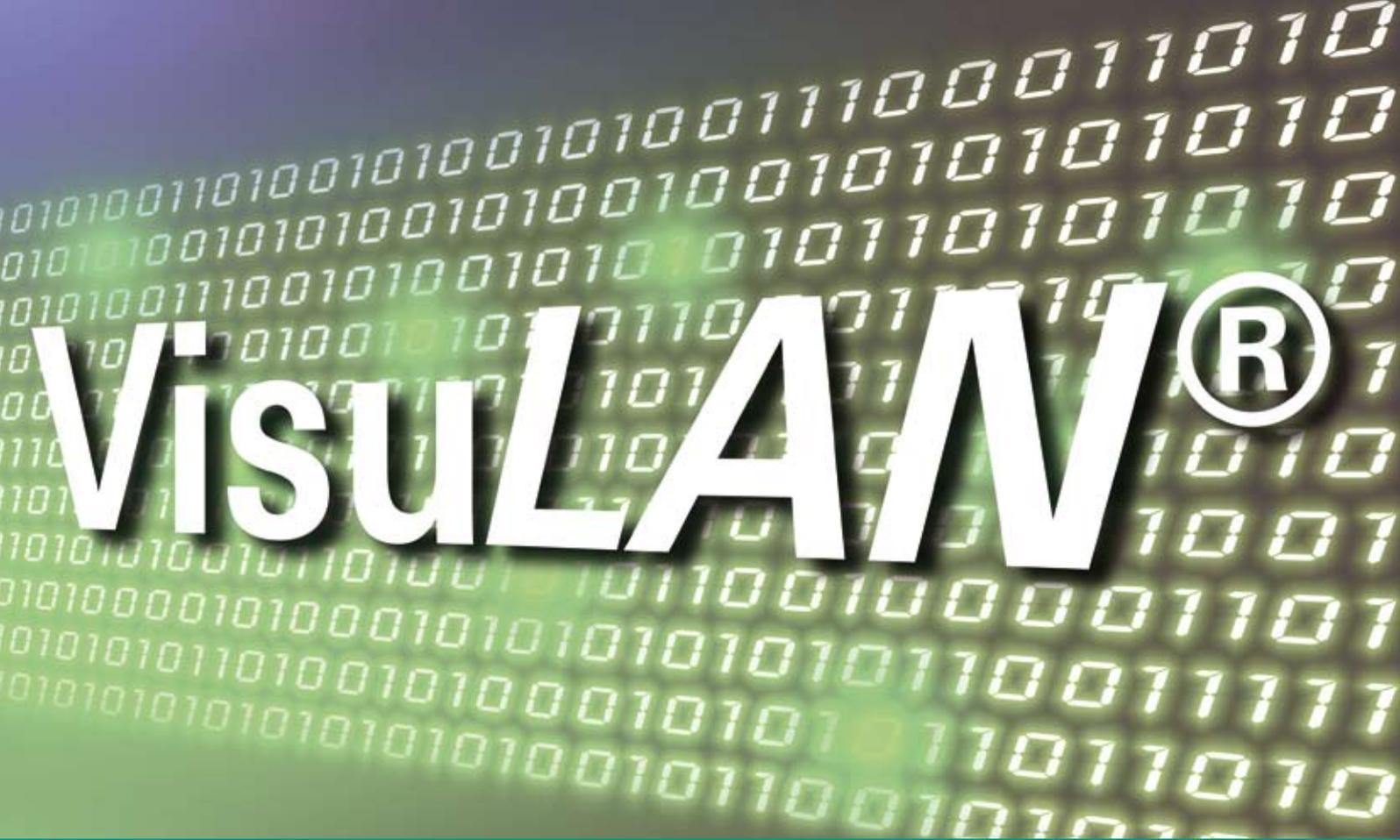Cross-system control functions cannot be triggered automatically. Manual responses to prevent escalation – conditional on a variety of alarm formats and operating functions within the various individual systems – are complicated, delayed or, in extreme cases, even misapplied.

The solution: cross-system integration

WAGNER has introduced **Visu*LAN*®**, a new, network-based Risk Management System which eliminates barriers between different, non-compatible systems. Its flexible interface allows the complete integration of all safety-related equipment and systems. All status indications and operating parameters of the interconnected installations and components can be accessed via a central station within the network. All information which is relevant to monitoring and operating personnel is available at a glance. At the same time the operation of the integrated equipment and systems is unified under one intuitive user interface.
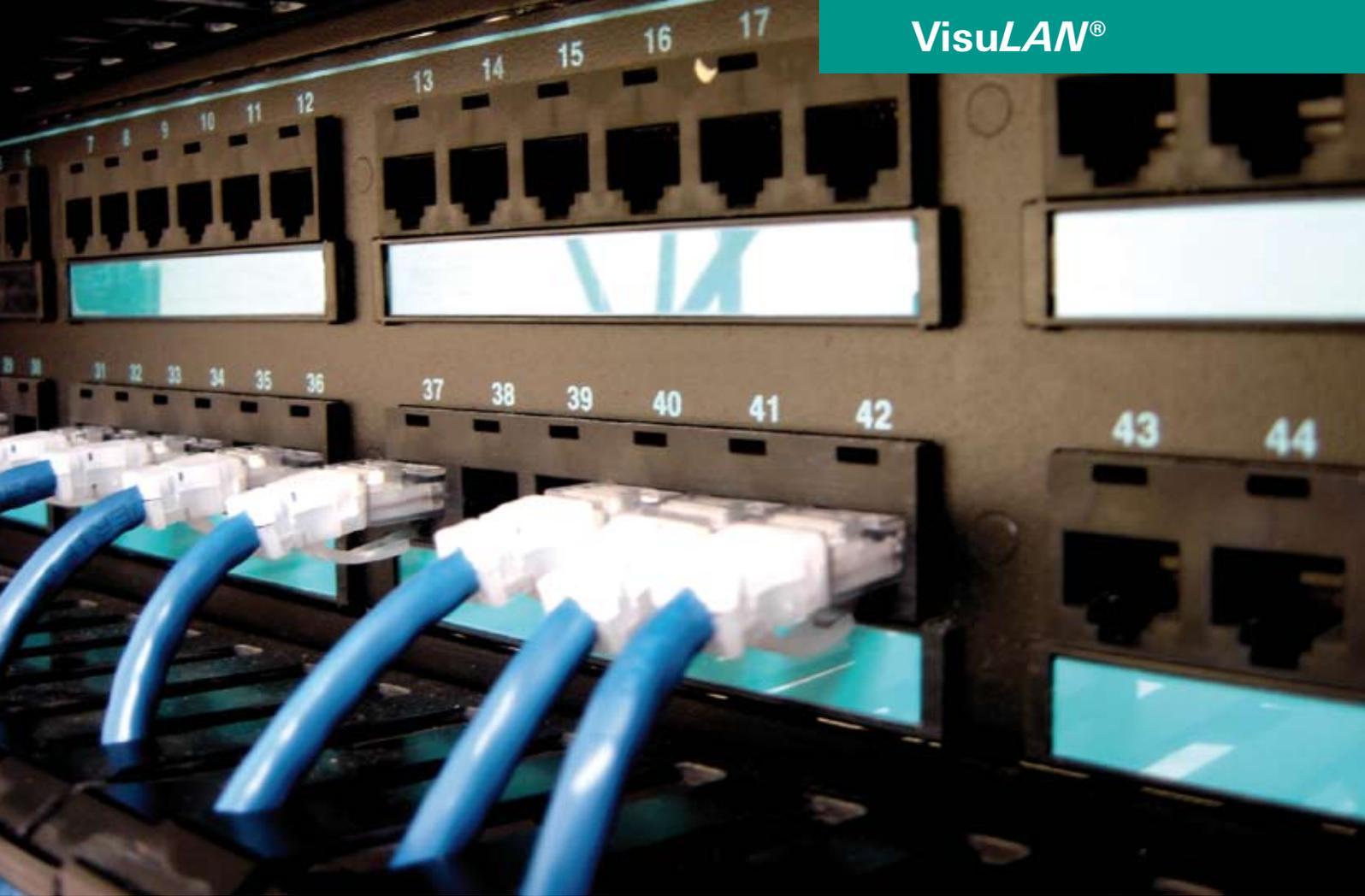
One system for all applications

Structured workflow for hazard prevention

■ **Coordination**
alarm reporting focused at a central point

■ **Proper reaction in emergency situations**
hazardous situations displayed with alarm location, alarms processed with predetermined action plan in plain text

■ **Instructions for emergency services**
e.g. automatic generation of route cards for emergency services

■ **Archiving**
all events and activities are logged in the correct sequence

Reliable and practical in all respects

Visu*LAN*® enables different security and surveillance systems to be linked together. It monitors, administers and controls the various individual devices, systems and subsystems within the network in order to ensure that event-specific response procedures are properly followed. Should specific events take place (alarms, faults, exceeding threshold values etc.) predetermined response procedures can be initiated automatically.
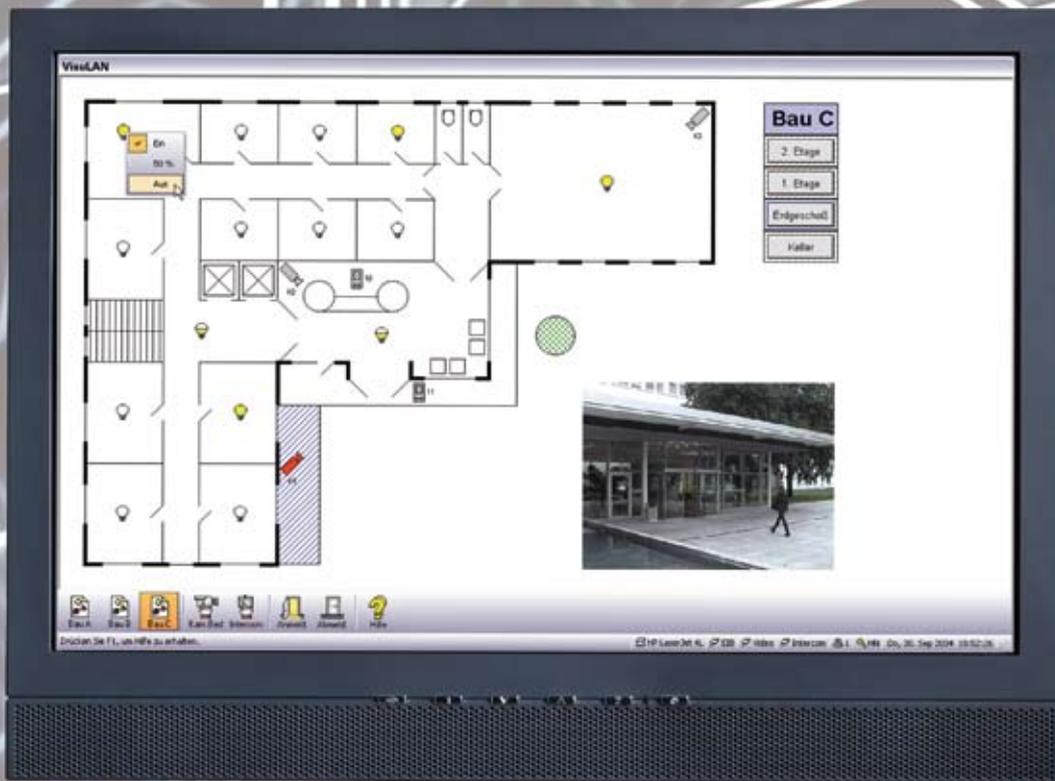
The corresponding event reports are forwarded to internal or external workstations. Additional information and response procedures are also sent to operators, guards and appropriate external emergency services.

As well as event reports (e.g. alarms, faults), the status variables of all integrated equipment and subsystems, including data such as date and time, can of course be sent to workstation for immediate display and/or stored for later evaluation. The functional characteristics of integrated stand-alone subsystems such as fire detection and alarm panels, intrusion alarm panels and access control systems continue to operate without restriction.
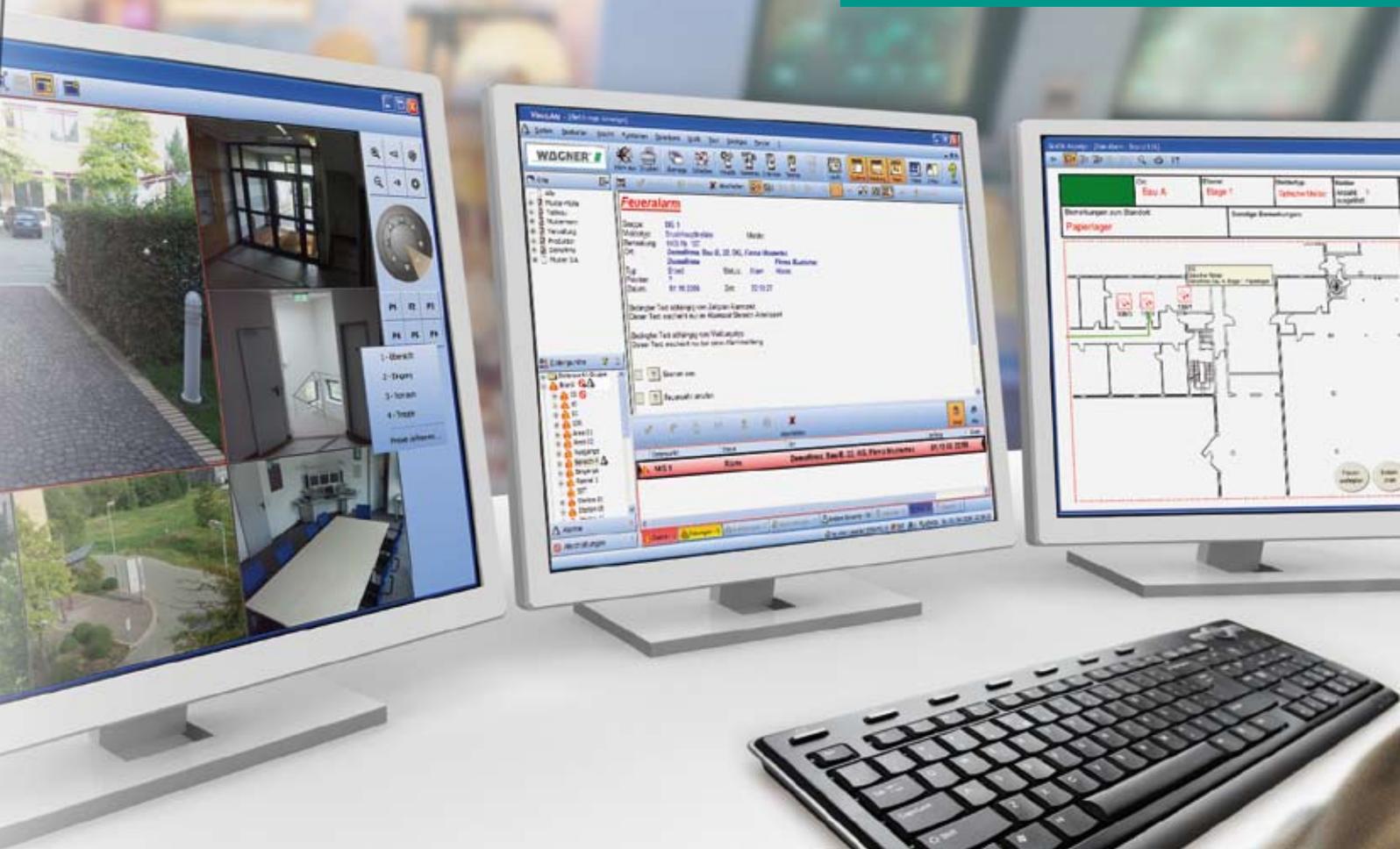
Visu*LAN*®

User-friendly and structured

Easy to use

Visu*LAN*® is a modular, object-oriented system. All subsystems operating within the network are managed in a structured way depending on their actual location (e.g. building, floor, room). This structured approach to individual objects creates a clear image of the current status of each application.

Intelligible display

The use of conventional graphic user interfaces at the workstations, together with the use of pictures, graphics and clear symbols, ensures that the displayed information is intuitive and standard across all the equipment and subsystems operating within the network.

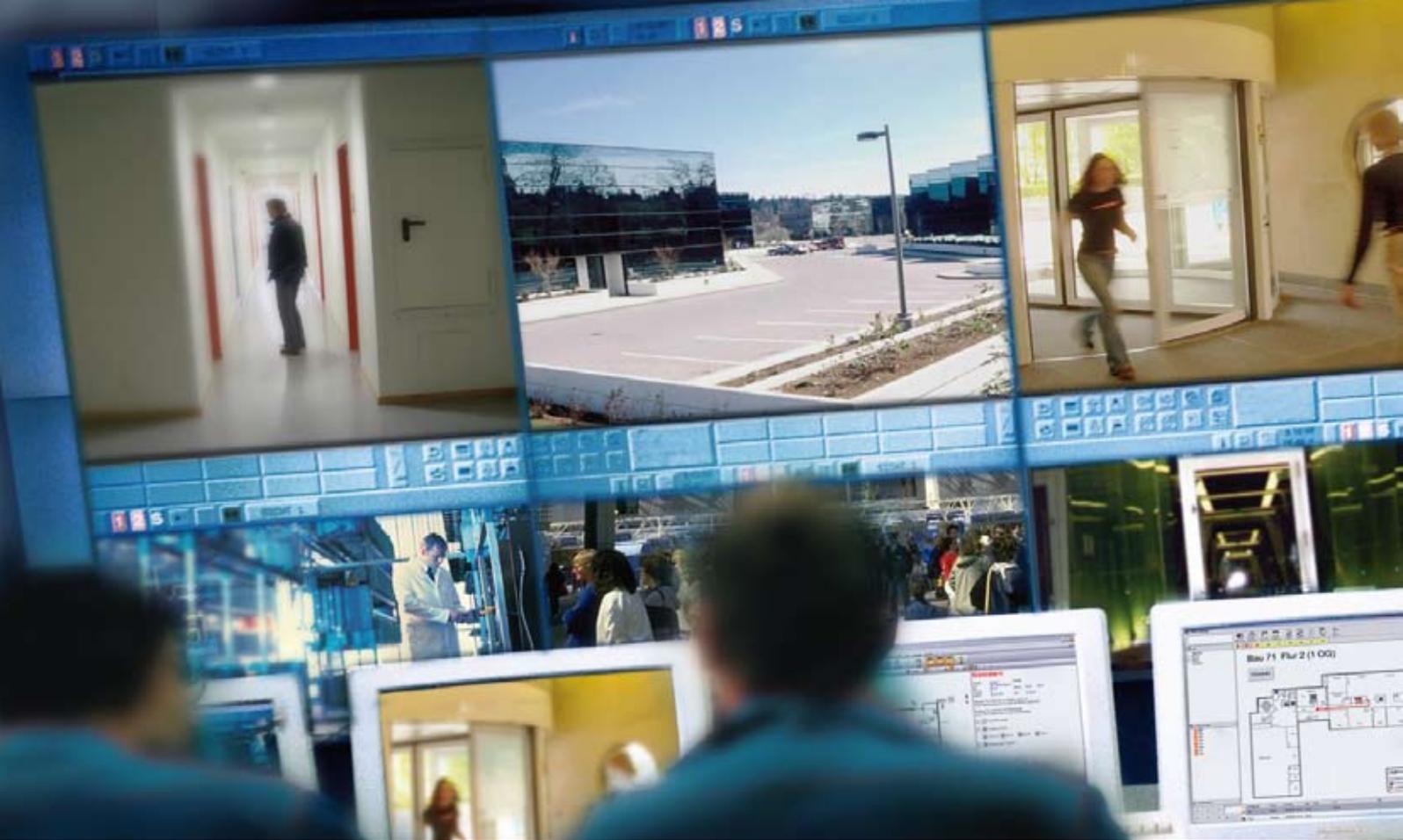### Reliable hazard prevention through clear response procedures

The visual representation of reported events is supplemented by clear instructions as to the appropriate response. This is a key factor in user acceptance and and allows quicker familiarization even in very complex systems. At the same time, stan-

dardised handling of the individual systems minimises potential errors in the operation or configuration of the systems or in the course of the response procedure.

In an emergency situation the operating personnel and the alerted emergency services will be effectively supported by the implementation of appropriate safety and rescue measures. To this end **Visu*LAN*®** triggers the necessary control measures automatically (e.g. system shutdown) and provides clear, tried and tested response procedures at the right time and correct location.

Clear documentation and traceability

All operating activities, system events and all sent and received messaged within the network are archived by the system. This ensures that there is reliable documentation for the reconstruction of event procedures. Archived protocols can be displayed with the support of configurable filter functions and transferred to standard applications programs for further processing.
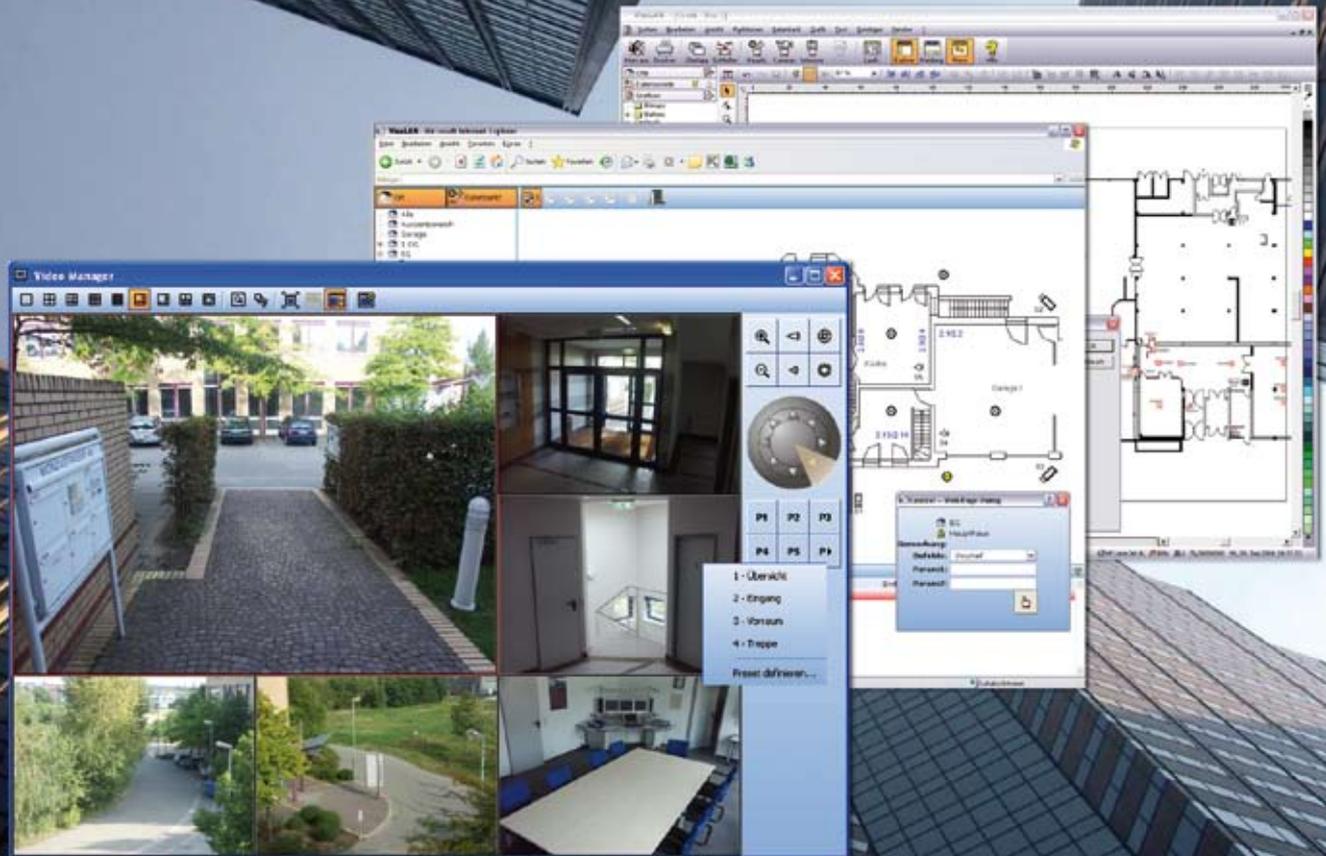
Visu*LAN*®

Tailored to your needs

Convenience and integration

■ **Flexible integration**
of all kinds of safety and security systems

■ **Integration of all kinds of subsystems**
via freely programmable interfaces

■ **Allocation of various access rights**
with your chosen number of user profiles

■ **Simply generated and modified data**
using high performance graphic and text editor

■ **Re-use of externally created graphics**
via comprehensive import functions

■ **Direct adaption to field bus systems**
e.g. Interbus, EIB-Bus, LON

Convincing video functions

The integrated video manager allows a wide variety of digital and analogue video systems from different manufacturers to be brought together into a uniform, intuitive user interface. Depending on the requirements the user can select the appropriate layout for the onscreen monitors and adapt it freely using drag & drop.

An ergonomic camera or archive control is offered automatically when a camera supports this functionality. The advantage for the user is the simultaneous, simple and uniform operation of the often very different video systems as independent as possible from the manufacturer's software. The possible field of application reaches from usage as simple video management system up to integrated operation with diverse alert receiving stations as an innovative monitoring system solution.

Flexible configuration

Visu*LAN*® offers flexible configuration and can be adapted to suit individual situations. Its integrated graphics and text editors are easy to use, allowing the user to create and manage pictures, symbols, object lists, report texts and response procedures. Already existing information in conventional graphics and text format can be imported and processed using the conversion modules. Due to the open system architecture and its modular design, Visu*LAN*® is ideal to create flexible network solutions which can be extended and adjusted to changing requirements.

Simple expansion

Visu*LAN*® can be operated as a single- or multi-workstation system, depending on individual requirements and applications. Remote-workstations can also be setup outside the main network location, using the available standard interfaces and software tools. This means, for example, that a service technician could log in from anywhere.
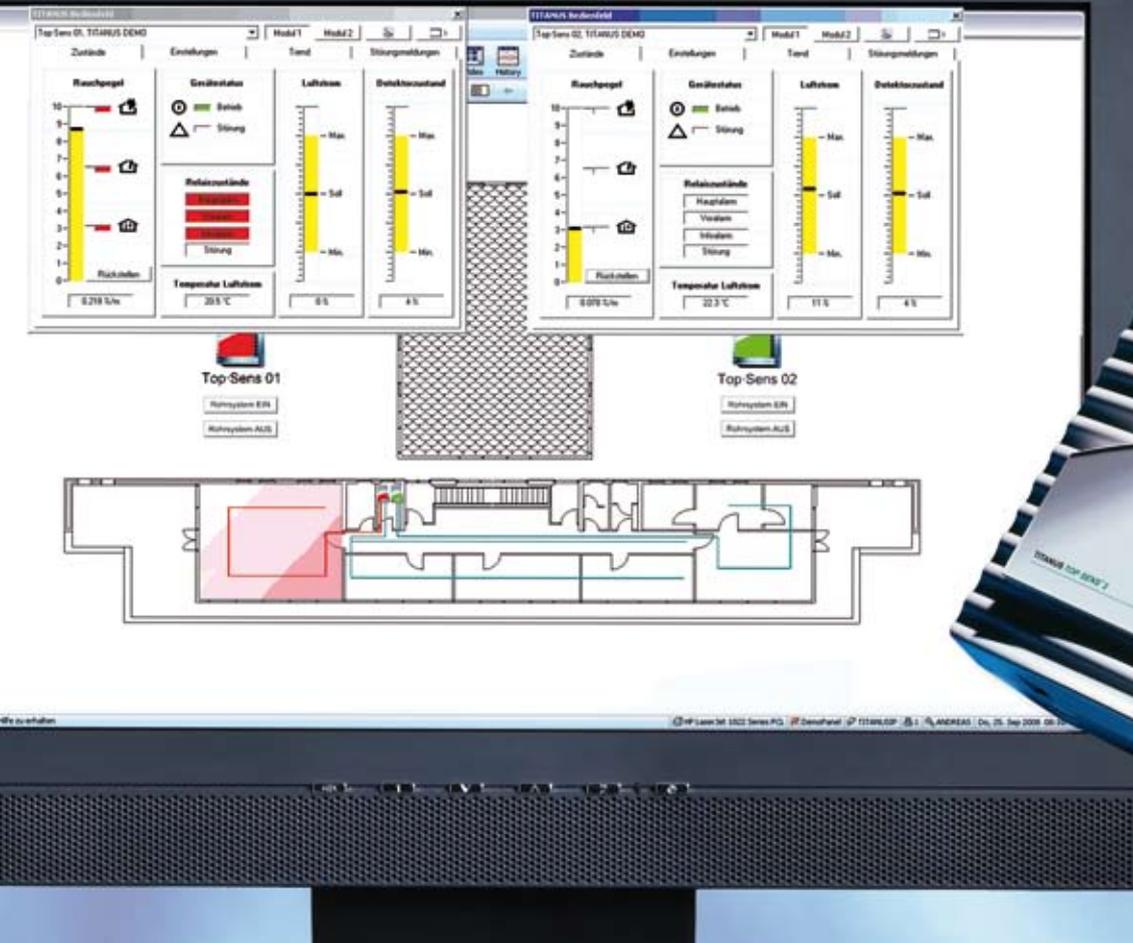
VisuLAN®

The perfect organisation

Advantages at a glance

■ **Integration**
of stand-alone, safety-related equipment and systems such as fire detection, fire extinguishing and video surveillance systems etc. (irrespective of the manufacturer)

■ **System-specific individual information**
available centrally at operator workstations

■ **Easy to use**
thanks to clear and standardised displays of status and event messages

■ **Effective support**
when processing an alarm within the organisation by clear response procedures

■ **Documentation**
of events including archiving

Typical applications

Visu*LAN*® is the perfect solution wherever a reliable event management system is essential and wherever it is necessary to monitor and operate simple and standardised safety-related systems reliably and economically.

In particular, **Visu*LAN*®** is the ideal solution for large facilities with extensive, often individually-located safety-related installations, but also for buildings requiring very high levels of protection, such as IT-centres, telecom sites, manufacturing plants, hospitals and care homes.

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WAGNER ▰

RISK-MANAGEMENT / FIRE DETECTION / FIRE PREVENTION / FIRE SUPPRESSION

PREVENTION **OxyReduct®**

Actively prevents the development of fire.
OxyReduct® is the innovative way in fire protection.

DETECTION **TITANUS®**

Very early fire detection with TITANUS® provides critical
additional time to assess the risk and take counter measures.

SUPPRESSION **FirExting®**

Fixed fire extinguishing systems with various gaseous
extinguishing agents.

COORDINATION **Visu*LAN*®**

Visualisation and control of important system data combined with multiple diagnostic
and messaging functions integrated into a powerful building management system.

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