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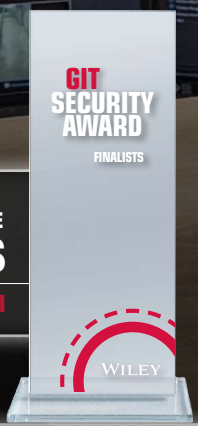

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WILEY

Headquarters of Boehringer Ingelheim

WORLDWIDE SOLUTION

Integrated Risk Management

Winguard From Advancis: How Boehringer Ingelheim is Modernizing its Global Risk Management

Boehringer Ingelheim is one of the world's leading research-based pharmaceutical companies. Around 55,000 employees work internationally on the development of innovative therapies for humans and animals. The globally distributed research, production and administrative sites place high demands on security organization, alarm management and control center operation. The company relies on the open hazard management platform Winguard from Advancis.

In the industrial environment of pharmaceutical research, security systems must be monitored reliably and across all locations. In particular, this includes fire alarm, intrusion detection, access control and video systems as well as other technical systems. The aim is to achieve a consistent overview of the situation in the control center as well as fast and structured processing of events.

Initial situation: Heterogeneous system landscape

Before the introduction of a central platform, many security systems at the German sites in Ingelheim am Rhein and Biberach an der Riß worked largely separately from one another. Different manufacturer solutions, proprietary interfaces and separate user interfaces made it difficult to achieve a uniform situation assessment in the control center.

As part of the „Control Center Germany" project, a higher-level integration platform was therefore sought that could bring together different systems in a common system environment. As Michael Klier from IT O&L Security Operations explains, it was particularly important for the company to bring together all security-related systems in one system. At the same time, the risk management system needed to be flexible enough to be used internationally and to support different operating models.

Integration platform

The choice fell on Winguard, an open hazard management platform from Advancis Software & Services. The software serves as an integration and control centre platform via which various security subsystems can be connected and visualized centrally. Events from fire alarm, burglar alarm or other technical systems are consolidated in the system and displayed in graphical site plans. At the same time, alarm messages can be automatically forwarded to connected operations control systems. This gives control center staff a consolidated view of security-relevant events and enables them to initiate measures in a structured manner. In addition to the functional requirements, cooperation with the manufacturer also played a role. According to Klier, Advancis was particularly convincing due to its short response times and competent support, which has proven its worth especially in critical incidents.

For the control centers, the integrated hazard management system is a central component in daily operations. By combining all safety-relevant information in one platform, incidents can be assessed more quickly and appropriate measures can be initiated without delay. This not only improves operational quality, but also ensures a high level of security for the sites, explains Jonas Michel, Head of Operations Center Germany.

Digital support for operating processes

In addition to event processing, the system also supports organizational processes in safety operations. At Boehringer Ingelheim, for example, Winguard is used to manage so-called switching orders. These are used when detector zones have to be temporarily deactivated in the course of maintenance or construction work.

The corresponding processes can be planned, released and documented in the

system. Responsibilities, time windows and status information are logged automatically. This increases traceability and reduces administrative effort.

Flexible architecture for international structures

Today, Winguard is used at several locations worldwide. The system architecture allows for different operating models – from local installations at individual plants to central control centers or regional security operation centers that monitor multiple sites. According to Klier, this flexibility was a key factor in the system decision. At the same time, he emphasizes that Advancis is prepared to react flexibly to individual requirements and to develop new solutions together. It is precisely this partnership-based cooperation that makes the provider an important part of security management.

The implementation of the platform shows that hazard management systems today go far beyond pure alarm processing. Open integration platforms enable a central overview of the situation, support operational processes and create the basis for cross-location security strategies.

Chemical development in Biberach an der Riß

For internationally active companies such as Boehringer Ingelheim, this makes it clear that the integration of technical systems and organizational processes is a crucial building block for efficient and sustainable safety and security management. GIT

Advancis Software & Services GmbH
www.advancis.net

FOCUS BULGARIA | FIRE SAFETY

Fire Safety at Scale

Hochiki Europe Strengthens Fire Safety Across Bulgaria

From a logistics hub in Radinovo to a landmark tower in central Sofia, Hochiki Europe is supporting fire safety in some of Bulgaria's most demanding environments.

Two recent projects – delivered by partners MCM Engineering and Sectron – demonstrate how flexible detection systems can be adapted to very different risk profiles, from high-density warehouses to complex mixed-use buildings.

At the Bultex 99 logistics centre, a 270,000 sq ft facility storing flammable textiles, 350 ESP intelligent devices were installed alongside a six-loop Latitude fire control panel. Protecting dense racking systems required a targeted approach: FIREbeam Xtra addressable beam detectors were positioned along aisles to ensure full coverage while limiting false alarms. The open-protocol system enables centralised monitoring and allows for future expansion.

In Sofia, the Smart Tower project presented a different level of complexity. The development combines residential and commercial areas with a multi-storey underground car park. More than 10,000

Hochiki devices were installed across the interconnected buildings. Addressable ESP systems were used in commercial areas, while CDX solutions covered residential units. In the basement car park – where exhaust fumes restrict smoke detection – linear heat detection cables were deployed for reliable monitoring.

Both projects highlight a broader trend in Eastern Europe: system integrators increasingly value not only product quality, but also long-term reliability, open-protocol flexibility and compliance assurance. Scalable architectures and the integration of multiple detection technologies are becoming key selection criteria.

Hochiki's installations in Bulgaria illustrate how fire protection is evolving towards application-specific solutions – designed to meet distinct risks while remaining adaptable for future requirements. GIT

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