ANALYSIS AND MONITORING FOR PROCESS OPTIMISATION ACROSS THE SYSTEMS

Central data platform for **security incidents**

The security control centre (SCC) at the Vodafone Campus in Dusseldorf is a key component of the operational security infrastructure for the international communication group. This is where the security reports from the campus are gathered along with the alarms from more than 450 Vodafone properties in Germany. In order to collect all the reports in full and assess them in regular reports, Siemens has installed a digital data management platform that combines the data from two different sources into a central database.

The objective is to prepare the data and provide regular reports

Siemens has installed a security and first protection solution with integrated access control, video monitoring, intruder alarm and hazard management systems. All the systems are connected to the security control centre so they can be simultaneously controlled and monitored. In addition to the campus data, the control centre also records the disruption incidents in more than 450 properties in Germany (including around 179 Vodafone shops) on a separate system. To prepare a detailed and regular report of all incoming security reports, the initial technical challenge was to link together the two databases that had previously been separate. The experts at Siemens have ensured that all the system data are recorded centrally on a platform and assessed in a manner specific to each customer.

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Well protected: All security reports at the Vodafone Campus and in the shops are recorded in full on the Siemens cloud-based data management platform.

Highlights

- Data coupling of two separate databases in a central cloud app
- Alarm monitoring of more than 450 properties
- Continuous assessment and analysis of more than 18,000 data series
- Distinction and tracking of 52 alarm types
- Automatic creation of data on new properties
- More transparency thanks to regular and customer-specific reports
- Access to an identical dataset for everyone involved
- Process optimisation thanks to rapid and targeted error correction

Solution: Monitoring and central data recording on one platform

The Siemens Navigator was installed to combined both databases in a single system. The data from two different sources are combined in this cloud-based data management platform. Thanks to the data coupling of the Siemens receiving equipment and hazard management system, the number, frequency and distribution of the alarms and disruptions can be assessed effectively. The data are compiled and recorded by the cloud application, analysed and displayed on individual dashboards.

By coupling the systems, more than 450 properties can be examined for disruption incidents. Fifty different types of alarms are currently distinguished, and more than 18,000 data series are continuously recorded. The data management platform offers the option to display data on corresponding dashboards or to send it periodically. The data visualisation enables users to see how often which alarms are triggered and where, at a glance. The data are read every hour and can be sorted by differing criteria. The customer can view the assessments at any time, from any location. Monthly reports on the recorded office buildings and shops are also created.

Benefits: Optimal security, maximum transparency

The data coupling in the Siemens Navigator enables the systematic analysis and assessment of all systems, including disruption incidents. The overview of the alarm frequency, and which disruption incidents occur when and where, creates transparency. This means that resources can be planned and used in a targeted manner. The error correction processes are optimised.

If there is a disruption in a lift, for example, the technicians responsible for this can react in a rapid and targeted manner. The costs for remedying disruptions from external service providers, for example, can be calculated, estimated and tracked. The automatic assessment of data also saves a significant amount of time as the data series are read and prepared in an entirely automated manner. With the cloud application, all data are held centrally on a platform so that users have access to the same datasets.

This means that the Siemens Navigator is part of a comprehensive security solution that offers long-term integrated protection for all of the company's properties.

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