Case Study

# noris network AG

Founded in 1993, noris were the first Internet service provider in northern Bavaria making them a pioneer. They have been living up to this role for 30 years. With now more than 500 colleagues, they offer their customers IT services in various areas.

# Challenges

Wanting flexible, adaptable, and fail-safe solutions, challenges centred around:

> **Central management of 3 main locations and secondary locations.**

> **Upgrading the access control, video surveillance, and intrusion detection systems to include over 4000 readers and 800 cameras.**

> **Providing a customized overview of event and alarm notifications from all locations.**

> **Multi-factor authentication for specific rooms.**

> **Providing an integrated intercom system.**

# A Tailored Approach

In cooperation with noris, we implemented:

> **IPROTECT Access Control –** Our security management system that integrates access control, video surveillance, intrusion detection, and intercom through a unified interface.

> **VDG SENSE Video Management System –** Leveraging video content analytics such as motion detection and event-driven macros that simplify the setup of triggering functions for predefined events.

# Floorplans
# with IPROTECT AC

## Our Solution

With its intuitive interface, Floorplans seamlessly integrates crucial daily use activities that can be tailored for each user:

## The Outcome

› All alarm and event messages from the three main sites and smaller secondary sites are managed centrally.

› A unified overview of events enables swift responses to security events and efficient office-wide monitoring.

› Intercom allows operators to proactively manage communication based on events from Floorplans.

# Multi–factor authentication within IPROTECT AC

## The Outcome

> Hardware and software from third-party providers can be integrated into our system via various interfaces, ensuring a comprehensive and streamlined approach to access control and monitoring.

> Access to security areas is secured using a combination of card access with PIN readers, and for particularly critical areas, vein scanners were employed for an added layer of security.

> On attempts of intrusion, alarms notify operators with the aid of our VMS and integrated intercom – with events viewable in Floorplans – allowing for prompt action.

# Locking Business–Critical Areas

## Our Solution

Integrating into existing infrastructure, TANlock Rack Handle effectively secures areas such as data centres, control cabinets, and critical infrastructure with ease.

## The Outcome

> The integration with AC effectively secures noris' server cabinets and provides solutions for optimizing, verifying, and proving mechanical access.

> Secured by Pin authentication, unauthorized entry attempts or misuse are logged and sent as real time messages.

# VDG SENSE Video Management System

## Our Solutions

Events coming from the VMS can be used to trigger access control functionalities.

## The Outcome

> For external monitoring, sensors are connected to our readers. When an access attempt occurs, information is transferred to our VMS, triggering a command to move a camera to a pre-defined position.

> Motion detection in seldom-used areas, notifying the client of suspicious activity through alarms handled within Floorplans.

> Video Walls – Fully customizable monitor layouts are in place to display functions such as live video, event descriptions, and more.

> Integrated intercom within our VMS that facilitates communication at access points.

## Testimonial

"One of the most important elements for us was to centralize the management of our multiple sites – and the integrated solutions really covered our security and convenience needs. What we now have in place is a unified solution that provides top notch security considerations that enhance our daily operations."
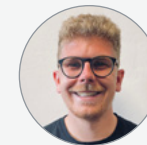
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