ATT⁺ SWISS ALARM SOLUTIONS

Security for history and modernity

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Alarming for life and technology

Security in Luxury-Hotel

«Home away from home». A promise that has a lot to do with security. Security is in the Dolder Grand not a luxory,but a requirement.

In order to ensure that the alarm system also functions effectively,the tradition-steeped hotel has chosen an alarm system solution from ATT.

Since 1899 – The epitome of hospitality

After a four year renovation period, Zurich`s Hotel Dolde Gand was reponed in 2008. Under the supervision of London`s star architect,Lord Norman Foster, a synthesis of traditional and modern elements emerged. The Dolder Grand has been epitomising hospitality since 1899.

However, the renovation not only aimed at te visual fusion of traditional values and uncompromising comfort,but also included the safety aspect for guests and staff.

For the security that takes place behind the scenes, it`s all about the functions oft the building services systems, thefts and break-in`s, fire prevention or medical emergencies.

Initial Position

The original integrated alarm system was outdated. It was too complex to operate and maintain. The aim of a comprehensive tender was primarily to reduce the complexity and simplify the processes.

Alarms from the building management system and medical alarms should both be able to be displayed in one system.

Project Order

Patrick Stäheli, Director of Engineering at the Dolder Grand,is responsible for all technical systems.

Together with his team, it was his jo to procure and implement the new alarm system solution. We wanted to learn more from him about the background to the project.

Requirements

01 Open and scalable system architecture
02 High flexibility, independent of location and system
03 Simple Alarm Management
04 Proper functions
05 Continuous reliability

What expections did you have from this Project ?

Our top priority was reducing complexity and increasing stability and availability. We wanted the system to be easy to handle and able to process both building management systems and personal medical alarms. At the same time the building evacuation process also needed to function flawlessly in the event of a fire. It needed to function simply under any circumstances and at any time.
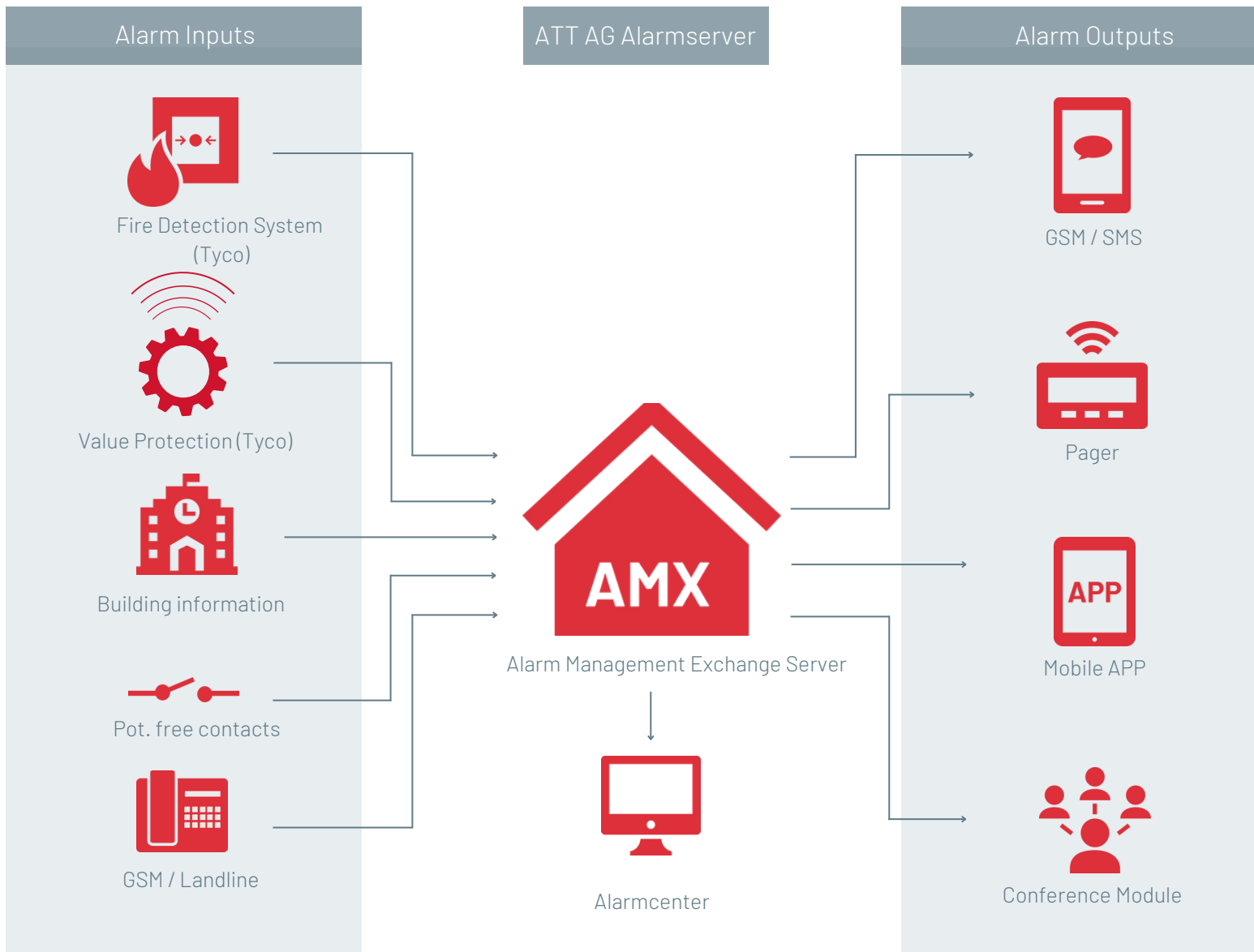
What was the exact Project Scope?

The project primarily included the order „Integration of the existing building management system" and „ replacement of the existing fire alarm system".

The substitution oft he existing evacuation system and first responder alarms for medical emergencies were also important project goals.

Project Scope

01 Integration of the existing building managment system
02 Replacement of the existing fire detection system
03 Replacement of the existing evacuation system
04 First responder alarms for medical emergencies

Solution Deployed

01 Monitor surveillance/control of the interface alarms

02 Real Time Monitor – surveillance of all events in progress

03 Integration fire alarm & building management system

04 Alarm signal as a phone call and in the alarm app for smartphones

05 Logging of the «first responder calls»

06 Reporting oft he alarms

Alarm Inputs	ATT AG Alarmserver	Alarm Outputs

Alarm Inputs

Fire Detection System (Tyco)

Value Protection (Tyco)

Building information

Pot. free contacts

GSM / Landline

ATT AG Alarmserver

AMX

Alarm Management Exchange Server

Alarmcenter

Alarm Outputs

GSM / SMS

Pager

APP

Mobile APP

Conference Module

Confidence in the reliability of AMX

«The AMX alarm system solution functions smoothly and securely – It doesn`t need any more or less than what it already has.»

Patrick Stäheli, Director of Engineering

Challenges

01 Absence of detailed specifications
02 Functionality and processes not exactly defined
03 Project misunderstandings
04 Necessary rectification
05 Definition of OPC more complex than expected

What was particularly challenging about the Project?

The detailed description of the technical specifications was missing. We simply accepted the functionalities and processes which existed in the old environment as a given and assumed that this starting point was clear for everyone. This then led to a few misunderstandings whitin the project, which we had to correct.

The definition of the OPC (OLE for process control) was likewise slightly more complex than originally thought.

Advantages for The Dolder Grand

01 Open and scalable system architecture

02 High flexibility,independent of location and system

03 Simpler alarming processes

04 Only a consistent, compact system remains

05 Cheaper and simpler to maintain

Reasons for the ATT AG Solution

01 Modularity & versatility AMX solution
02 Compact and easy handling
03 Nearby ATT AG - short distances, direct influence
04 Price-performance ratio
05 Swissness-Appeal

Current Project Status

01 Project completed
02 System well established
03 Operation runs stable
04 No further phases planned at the moment

Why did you decide on an ATT AG solution?

When compared with different systems, it was the modularity and versatility of the ATT AMX solution that convinced us. The compactness and simple handling were also important factors in the decision-making process, alongside the proximity to the company and the price-performance ratio.

In general we prefer to buy a „Swissness appeal" if possible. The short distances and immediate impact then often make things easier during day-to-day operations.

What is the Project Status?

After an initial intensive optimisation process, the project is complete for the moment. During the initial excitement we set an alarm for too many events. This caused the sensitivity to an alarm to decrease. The persons involved then suddenly stopped reacting to alarms, which was obviously not the intention of the inventor. Since then the system has become well established and is running smoothly.