



# Success-Story



Requirements for the new video surveillance systems included flexibility and a high security standard

## Würth GmbH

### ▶ The challenge

In the aftermath of 9/11, Adolf Würth GmbH & Co. KG, located at Kuenzelsau, South Germany, decided to refurbish its video surveillance system for the entire premises. Requirements included integration of additional company locations, scalability, and investment safety of the solution.

The dreadful events of 09/11/2001 have caused many companies to review their corporate security structures. The management of Adolf Würth GmbH & Co. KG, Künzelsau, an internationally successful trading company for fixing and assembly material, also discussed the issue and took the decision to renew its video surveillance system for the large premises. The existing analog crossbar video system was no longer fully functional, mostly needing replacement. An extensive surveillance of the entrances to the premises and buildings was needed. Also, the solution should provide for future integration of the more remote locations into the new system. The project goals included one central video surveillance station responsible for all locations, and a flexible camera network suitable for changes and enhancements at any time.

and cameras from an analog video surveillance system, trouble-free extensibility, monitoring of remote locations, low cost, and cutting-edge technology.

Initially, Wuerth needed to decide whether they intended to repair the existing analog system or to invest in a completely new technology, the network-based video surveillance by SeeTec. A cost comparison between the two possibilities showed that a new crossbar video system

*A cost comparison between analog and networked-based showed that a new crossbar video system would have been more expensive.*

would have been more expensive. Furthermore, the digital system offered the required flexibility for the planned future enhancements. The SeeTec software provides the complete set of functionalities of a professional video surveillance: camera configuration and management, direct or automated remote control for camera and switch functions, distributed image output on multiple monitors, message display and transmission, event-driven or time-controlled archiving of image data on hard disk, and event or date driven replaying of video sequences. Data



### Project facts

Adolf Würth GmbH & Co. KG in Kuenzelsau, South Germany

**Object:** Company headquarters

**Cameras:** 90

#### Requirements:

- ▶ Possibility to connect other company locations
- ▶ Flexibility for future extension
- ▶ Solution is a save investment
- ▶ Integration of existing structures and analog cameras

### ▶ The solution

SeeTec's digital Network-based Video Surveillance system withstood comparison with analog systems due to its high flexibility, the possibility of integrating existing infrastructure

**SeeTec**  
network-based video surveillance

## ▶ The customer

**Marco Hagenmueller, Head of the Communication Systems department, comments on the SeeTec solution: „After looking into the different options of using either analog or digital technology, we decided for the best one we could find on the market: SeeTec Video Surveillance.“**

The Head of the Communication Systems department, Marco Hagenmueller, told us just why Wuerth went for SeeTec: "We needed a solution to cater for our high security requirements and to ensure high standards also in the long run." It was also important for us that the new system be

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sustainable and flexible. Cost-containment was another important criterion for this large project. After looking into the different options of using either analog or digital technology, we decided for the best one we could find on the market: SeeTec Video Surveillance." Currently, another location is being equipped with 16 network cameras and connected to the headquarters via a 2 Mbit connection. The existing 19 analog cameras are integrated in the network-based video surveillance system using five video servers. Wuerth plans to implement additional SeeTec systems.

transfer could be done via the 10/100 Mbit corporate network. Any remaining analog cameras were integrated using the coaxial infrastructure. The coaxial and two-wire cables were connected to the video servers and linked to the network, thus avoiding the cost of a new network cabling in exposed areas. Most analog cameras were exchanged by Axis network cameras. The total of 45 new cameras were installed by Imtech, an engineering service provider. SeeTec Software was installed by Wuerth's own IT department.

## ▶ The results

**The transition from analog to digital surveillance technology was exemplarily smooth at Wuerth. No big structural changes were necessary, thus guaranteeing a safe investment. The new network cameras could be installed directly within the existing network, while some of the existing analog cameras and their cabling remained in more exposed areas. Those were integrated into the network structure using video servers.**

The combination of traditional analog and innovative digital technologies brought optimum results in this project: existing infrastructures could be used, at the same time facilitating the transition to new digital technology. By integrating the analog components into the network, all video surveillance functions can be accessed using the SeeTec

**Despite the high number of cameras, the SeeTec Video Surveillance is running smoothly and without bandwidth issues via the production network.**

Software user interface. Despite the high number of cameras, the SeeTec Video Surveillance is running smoothly and without bandwidth issues via the production network. This means that no additional network infrastructure costs were incurred, such as costs for higher bandwidth.

### Products used

Adolf Würth GmbH & Co. KG in Künzelsau, South Germany

- ▶ 2 licences of SeeTec Enterprise
- ▶ Network-cameras and video-servers from AXIS
- ▶ Different CCTV- and dome-cameras

The analog cameras are connected to the network using AXIS video servers.

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