User Report of the
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Success Story

Wilbert Turmkrane GmbH

«We wanted a holistic system, an integrated solution for all areas with just one medium. The CardLink concept embedded in an overall package convinced us.»

Anette Wilbert
Purchasing manager
Wilbert Turmkrane GmbH

www.wilbert.de
www.paffrath.de
www.computime.de

Convenient and reliable – all authorizations on one medium

The Wilbert Group with its about 140 employees is specialized in the production, sale, leasing, assembly and servicing of tower cranes. It was originally established as a construction company in 1932 by the grandfather and father of the present-day managing directors. In the 1980s, the company bought numerous tower cranes which it used itself and also sold and leased out.

In 1988, Wilbert was awarded dealer status by the tower crane manufacturer MAN Wolffkran at the time and developed into Germany's largest and most successful Wolff crane dealer in a very short space of time. Over the course of the years, the medium-sized company from the Rhineland-Palatinate became a tower crane leasing company that was commissioned by construction companies for complex and difficult projects. The 325-meter-high tower crane, that was required for the construction of the high-rise Commerzbank building in Frankfurt am Main came, for instance, from Wilbert. Cranes from Wilbert were also used in the construction of the Riem Arcades in Munich, the Goethe Gallery in Jena and the Landesbank Baden-Württemberg in Stuttgart. When MAN Wolffkran terminated the existing dealer agreements with all German dealers in 1999, the company began to construct its own tower crane system to ensure it remained competitive. Within the space of five years, eight different types of crane with and without tower tip were developed, the largest of which is capable of lifting 32 tons. On the debut building site of the first crane that

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the company had built itself, this ran to the complete satisfaction of the client Züblin. One hundred and fifty tower cranes have since been manufactured and sold and leased to customers throughout Europe, and even exported to Canada. The company's own production brought new challenges along with success. The company grew and they soon realized that the company premises in Stromberg were not suitable for the manufacture of such large equipment. They thus began with the establishment of a new production site in neighboring Waldlaubersheim. In the course of the new construction, a new locking system was required; and they also considered a system for Access Control and Time Attendance. They wanted to increase the security in the company and replace the existing, time-consuming Time Attendance system. The new system was to be convenient to use overall and compatible with the existing payroll system. As the company premises are very extensive, with 12,000 square meters, the cabling for online Access Control posed problems. The suggestion by the specialist security dealer Peter Paffrath from Wiesbaden to use a mechatronic system from Kaba therefore fell on receptive ground. Via a standardized, robust and passive medium, the system integrates both the Access Control and Time Attendance as well as SFDC. Specialist security dealer Paffrath made provision for both digital cylinders and electronic door fittings and wall readers at the individual access elements here. In total, more than 60 components from the Kaba product portfolio were installed here. All security-relevant doors were fitted with self-locking anti-panic locks.

CardLink for more convenience

Via a LEGIC medium, the CardLink concept from Kaba combines online systems with mechatronic locking systems and therefore does without cables in the areas of the doors. The access authorizations of the employees are written on the LEGIC medium (badge, key tags) via online readers. The doors are given a mechatronic (digital) cylinder or fitting. This checks whether the medium is valid and releases the door if the person is authorized to pass through. The door does not need any additional fittings to do this, nor does it require cabling. Thanks to the modern update mechanism, the users receive their changed access rights simply and quickly at an online reader and carry them on their personal identification medium to the individual access points. At Wilbert, they opted for LEGIC chips in the form of key tags as these are small and fit on a key ring. Paffrath presented the solution bedatime from CompuTime Ausweissysteme GmbH, based in Püttlingen, as the software for Time Attendance and SFDC. It met all the requirements and can easily integrate the CardLink components. Before the company moved into the new building, the mechatronic locking system (electronic fittings and digital cylinders) was installed in the doors by the company Paffrath. The Time Attendance terminals were then installed at the respective entry points and in the departments so that they are within easy reach. The entire system went live without a test run when the company moved into the building in the spring of 2008. Since then, the employees have validated their LEGIC chip every day at a turnstile and are then given their respective authorization. Whereas all employees are authorized at some doors, other rooms can only be opened by a few employees (e.g. individual offices, training and IT rooms, storage rooms). All components – the Time Attendance terminals, the online Access Control readers such as the CardLink standalone components – are managed in the software system bedatime.

Everyone is now familiar with the system at Wilbert and the expectations have been met. «Time Attendance recording ran smoothly right from the start and forms the basis for precise and prompt payroll accounting,» explains Anette Wilbert. We were able to significantly increase the security in our company. Previously, we had an «open house»; today, access is only possible with the appropriate authorization. Overall, we are happy with the system. In a next step, Wilbert would now like to introduce the shopfloor data collection from CompuTime. The data from the SFDC are then to be used as a basis for the post-calculation of orders.