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Thomas Randel
Head of IT, Kalenborn Kalprotect,
Vettelschoss



www.kalenborn.de

Kaba partners:



www.orga-soft.de

Kalenborn Kalprotect, Vettelschoss



Integrated system for time and attendance & shop floor data collection ensures transparency

The Kalenborn group of companies offers customized wear protection solutions worldwide, from consulting to planning and production to construction and installation based on a broad range of materials at the place of use.

The Kalenborn group has grown strongly over the last few years and has broadened the choice of materials and applications for wear protection solutions on a ceramic, mineral and metallic basis.

Today, in addition to the management company in Vettelschoss, Kalenborn has 13 subsidiaries and associated companies in Europe, America and Asia.

The delivery spectrum covers materials of mineral and ceramic wear protection, metallic wear protection and also materials made of rubber and plastic.

The materials are used in the primary and building industries and in international mining. For instance, coal bunkers underground are lined with special materials or excavator shovels covered with plastic plates to increase their lifetime.

The materials used are largely produced in the company's own workshops.

Success Story



Mixer silos are lined with the material KERAFLEX



The material ABRESIST/KALCOR is used to line steel pipes



A glance at production: welding of steel pipes

The headquarters is located in Vettelschoss and approx. 110 of the 500 staff in total are employed here. Kalenborn has been using the flexible ERP software INTEGRA from ORGA-SOFT for many years to manage the company processes. The company started with the modules Enterprise Resource Planning and Accounting and later extended the solution to include production and HR. 'We wanted to have just one system and therefore the time and attendance management and HR accounting was to be included in our ERP system,' explains Thomas Randel, Head of IT at Kalenborn. In this respect, the company was then also looking for new terminals to record time and attendance and for shop floor data collection and access control. The managers opted for Kaba terminals as these were recommended to them and they run well with the software used. The introduction of the new system was completed very quickly overall. After a first test installation, the system went live after just three months.

Since then, the employees have been identifying themselves with their Legic key tags at the main entrance in order to gain access to the building. 'This is now much simpler and more reliable with the chip; keys are a thing of the past,' says Thomas Randel, delightedly. In the building, the employees book their working times at the Kaba terminals at which they can also call up information about how many hours overtime or how many days of vacation they still have. The employees like to use the system and appreciate it. In addition, the time and attendance terminals are also used at night by the security guards to document when they have completed their rounds.

In a second step, the company started with the reporting of the shop floor data in the production department. To this end, the Kaba terminals are equipped with a hand scanner.

The employees record, for instance, start and end of the order and start and end of the work cycle at the terminals. The reports in the production process are combined IN/OUT management of the INTEGRA time management system. 'We primarily produce to individual orders as the dimensions of the systems vary,' emphasizes Thomas Randel. The work cycles can vary considerably in duration. The shop floor data are analyzed in the system. 'We now know which times are incurred per order. The shop floor data collection ensures high transparency in order tracking. 'The system saves us having to record the data manually and supplies us with the required data automatically. We also see whether the personnel is deployed correctly,' says IT manager Randel, summing up the benefits. 'The shop floor data also provide the basis for the post-calculation. All in all, we are very satisfied with the solution from ORGA-SOFT and Kaba.'