

Success Story

«With the shop floor data collection, we have established an accurate data base and therefore have reached a better transparency and process optimization. We are now able to see the current production status at any time.»

Lutz Bessler -
Project Manager



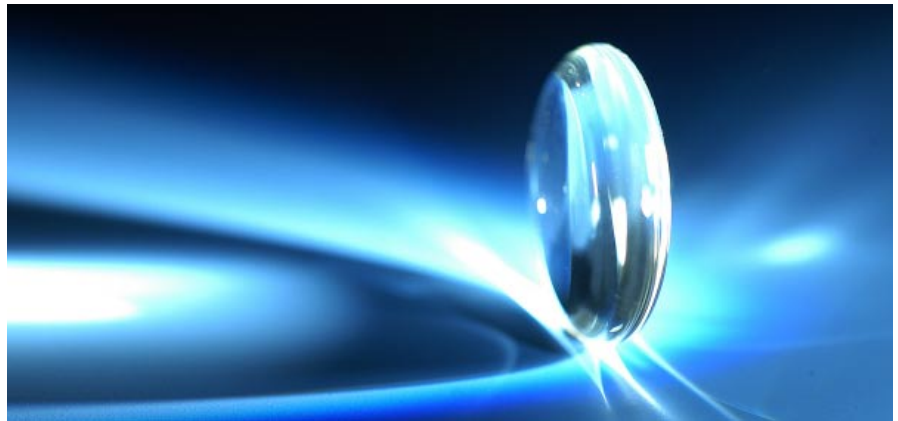
www.schott.com

Kaba Partner:



www.bedatime.de

Schott Glas, Germany



Technology concern with high dynamic in search of a standardized and stable solution

SCHOTT is an international technology concern that is represented in major markets around the globe. Founded in 1884 in Jena, Germany, as the 'Glastechnisches Laboratorium Schott & Genossen', the Group today achieves a global revenue of approximately EUR 2.23 billion. Nearly 16,800 employees work in production facilities and sales offices in 41 different countries. SCHOTT focuses on improving sustainably how people live and work through expert solutions in specialty materials, components, and systems. Major markets include the white goods industry; optics and optoelectronics; pharmaceuticals; information technology; entertainment electronics; lighting; automotive engineering; and solar technology.

SCHOTT Glas, the parent firm of the SCHOTT Group, is an enterprise of the Carl-Zeiss Foundation, which was founded in 1889 by Ernst Abbe in Jena, Germany. The name SCHOTT is associated with technological milestones in glass.

The firm began in 1884 when Otto Schott developed optical glass with completely new optical properties and for the first time based glass production on scientific principles. Later, Otto Schott invented chemically resistant borosilicate glass that was able to withstand high temperatures and temperature changes. In 1968, SCHOTT's ZERODUR® glass-ceramic introduced a new era of telescope mirror substrates for astronomy. Since 1974, CERAN® glass-ceramic cooking surfaces have been used in kitchens worldwide.

Success Story



In 1991, the world's largest glass monoliths were produced in the centrifugal casting process: ZERODUR® telescope mirror substrates with a diameter of 8.2 meters (approximately 26 feet 8 inches). Since 1993, glass as thin as 0.03 mm has made advances in flat display technology possible. Borosilicate float glass products PYRAN® and PYRANOVA® set new standards in fire resistant glazing since the middle of the nineties. Since 1998, SCHOTT has been a complete supplier of high-tech optical materials for semiconductor manufacture. Besides the traditional glass sector, SCHOTT also manufactures special plastics for pharmaceutical containers and components for data and communications technology.

In Germany, SCHOTT employs approximately 7,200 people. For personnel administration, the company had been using SAP R/3 HR for quite a while. However, the subjacent time recording system regularly caused problems. 'We continually had technical breakdowns of the time recording system,' explains Lutz Bessler, Project Manager in SCHOTT's data application department. 'The manual maintenance expense for decentralized time-recording clerks was very high and employee acceptance was very low. Time bookings were also only possible at one location respectively.

Eventually SCHOTT began to look for a stable time recording subsystem for all locations that utilized corporate badges. 'We were looking for a standard solution for the entire SCHOTT Group with a central server in Mainz for all personnel divisions in Germany,' is how Lutz Bessler explains the criteria. In addition, the possibility of cross-site time and access bookings was to be given. The system change needed to be implemented during normal business operations. After extensive research, SCHOTT opted for Kaba's SAP solution, which has been implemented in 1,150 companies worldwide. The Kaba sub-system became the company standard at SCHOTT's locations in Germany and eventually at their other locations abroad. Add-on modules such as TCS time records and visitor management were made available to all locations as well.

In October 2002, a total of 40 Bedanet 93 40 and Bedanet 93 20 time recording terminals, 6 Bedanet 93 80 information terminals, and 30 access control terminals were installed. Since then, the SCHOTT staff have recorded their work times with contact-free LEGIC badges in different locations. 'With Kaba, we have achieved a Group-wide common usage of the system for time and access, independent of the location,' emphasizes Lutz Bessler. Unlike their previous time recording system, the Kaba solution has given SCHOTT a stable time recording system that requires very little support. 'The manual maintenance effort has been clearly reduced,' states Lutz Bessler with pleasure. 'Employee acceptance has also increased substantially.

This solution has the advantage of having only one interface, which is very important with regard to a release change with HR."

'We were able to save costs because local systems became unnecessary. We are saving time because on-site maintenance support is no longer needed. We can offer new fringe benefits to our employees.'" The entire system runs smoothly. We do not have any problems and the teamwork with our contact people has been great,' says Lutz Bessler, summing up. After further installations in England, France and the US, the introduction of comprehensive access control solutions was begun at different sites in Germany. For instance, company premises in Jena, Landshut and Mitterteich were secured with barriers, Charon tripod barriers and Kentaur turnstiles. With the employee access barriers, Kentaur turnstiles with bicycle barriers were also used so that the employees can take their bicycles with them up to the building.

The planning and installation and the support for these locations was done from one source by Kaba Benzing VAR Bavaria Zeitsysteme GmbH in Munich.

