

# Success Story

«The internal communication between tisoware.BDE and our ERP system bäurer.KIFOS and the installation on our Informix database convinced me.»

«tisoware.BDE is a first-class and extremely efficient instrument for FRITSCH.»

**Reinhold Danzig**  
Commercial director

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ZEITWIRTSCHAFT

## A. Fritsch GmbH & Co. KG, Markt Einersheim

### **Farsighted management also safeguards qualified jobs in the future**

### **Innovative bakery technology and modern time management at FRITSCH**

A prime example for modern, farsighted management that also secures qualified jobs in the future is A. Fritsch GmbH & Co. KG in Markt Einersheim.

The development and production company in Franconia with some 300 employees is recognized for modern bakery technology at international level and sells machines in Europe and further afield, for example in Japan and America. FRITSCH has been producing machines and systems for bakeries and cake shops since 1952. «The global success story of rollfix pastry roll-out machines began with the invention of the automatic changeover gear by the company's founder Alois Fritsch at the end of the 1950s», says Reinhold Danzig, the commercial director and manager at FRITSCH. Innovation and inventive spirit shaped the company's history from then on. The introduction of Teilfix, a separation machine for bread dough, for instance, revolutionized the market and brought a decisive breakthrough in the manufacturing of bread in the skilled trades sector.

A new market was soon opened up for industrial bakeries with the manufacture of production lines and components.

Today, FRITSCH develops special systems for the delivery of pastries and fats, and is successfully implementing new industry systems for the production of particularly demanding products.

Danzig: «There is a strong international demand for our special lines for the manufacturing of thin pastry, croissants, pizzas, doughnuts, ciabatta, pretzels and baguettes, too.»

### **Quality is the overriding priority**

The secret to the company's success, which is today managed by the sole owner and managing director Klaus Fritsch, is the development of highly innovative products of outstanding quality. The Franconian company is also opting for quality and the use of progressive technology in its EDP too. A NCR system including SFDC was in use as early as 1980 but had to be replaced in 1999 by modern hardware and a software that was Year-2000 and database-compatible. «Almost all the employees today record their working times with Legic chip key tags at a total of five time recording terminals from Kaba Benzing with tisoware.ZEIT. In the production, i.e. manufacturing and assembly, we use tisoware.BDE for shopfloor data collection with great success», explains Reinhold Danzig.

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## Database triggering between ERP system and tisoware.BDE

The decision was made in June 1999 to introduce tisoware because the valid company agreement regarding working time and time recording at FRITSCH could easily be used as a basis for the personnel time recording with tisoware ZEIT. «In practice, the time recording must be able to take our flexi-time model into account as easily as possible», specifies Danzig. For at FRITSCH, according to the company agreement, even industrial employees in the production can make use of the flexi-time arrangement. But even with the simultaneous introduction of shopfloor data collection, there were decisive points in favor of tisoware.BDE right from the start. «The internal communication of tisoware.BDE with our ERP system bäurer.KIFOS and the installation on our Informix database convinced me», recalls Danzig for whom an ODBC interface is a system prerequisite that goes without saying. For the database triggering between the ERP system and tisoware.BDE is particularly important for the EDP specialists.

«As soon as a job is created in the ERP, the work job is synchronized by database-internal mechanisms (views, triggers) with the SFDC job queue. With this synchronization, we always have the current status in both systems. tisoware was introduced at FRITSCH on 1.12.1999 with a big bang. And done so without any serious problems.» The shopfloor data collection (SFDC) under tisoware.BDE has a primarily reporting function. In addition to his or her LEGIC chip, the employee in the production department also has a company badge on which his/her personnel number is imprinted as a bar code. In the first stage of the three-part reporting process, the barcode is scanned with a Datalogic barcode scanner for the personal identification of the employees. In the second step, the actual reporting process «Work start is triggered. In the third step, the employee reports via the barcode of the ERP job to the SFDC which work process has now been started using which tools», explains Danzig. With this report, the previous work process of the employee is set to interruption. For each job is not «ended» until the company's own final

control and acceptance have been carried out. «In this way, we can determine at any time during ongoing production and of course at the end of the production which working time and thus which working costs have been incurred by a job», states Danzig. As Commercial Manager, Reinhold Danzig thus keeps the production costs, the use of machines and the current production status constantly under control via tisoware.BDE. «Workloads, disruptions and also deviations of the actual values from the specified values can thus be determined. And post-calculation can be carried out at any time in the production process.» This has a direct impact on the cost-efficiency of the company. For at FRITSCH too, operating times can thus be ideally used and costs reduced.