

CASE STUDY RECHEIS

J. Recheis Teigwaren GmbH: Higher productivity Modern ESAweight metering control



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The task at J. Recheis Teigwaren GmbH involved replacing the existing recipe and silo data management system with a modern process automation system.

In order to meet the additional requirement of as short as possible a commissioning period during ongoing production, appropriate sector expertise and detailed planning of the conversion phase were a prerequisite. Automation was implemented with ESAweight 7.5.

AIMS & REASON FOR DECIDING

- Increased product quality
- Increased productivity and reliability
- Introduction of a traceability system for compliance with statutory regulations
- Integration with the existing merchandise management system
- 24/7 support with remote maintenance
- Simplified operationg

Investment in a modern control system

The contract with J. Recheis Teigwaren GmbH included the specification that the new control system should be fully automatic and capable of operation in accordance with the latest production methods of industrial processing. In order to guarantee consistency of product quality and user-friendliness, operation of the system had to be as straightforward as possible. The entire concept was implemented in close collaboration with the customer, based on the powerful „ESAweight 7.5“ production control system and a Simatic S7 controller.

All the existing control cabinet infrastructure remained intact; only the out-dated weighing computer was replaced with Siwarex weighing components. The connection to the IT system runs practically in real time. All peripheral devices, such as discharge systems, scales and autonomous control units, were integrated into the system using Profinet. Not only does this guarantee centralised administration of all data, but also permanent online control. Remote access via VPN allows Recheis and ESA to access the system swiftly. The overall functionality is rounded off with a connection to the existing merchandise management system, for exchanging order and production data online.



WE FOCUS ON SATISFIED CUSTOMERS:

„In order to maintain our high standards in the production process, we need competent and reliable partners. With ESA, we have succeeded in modernising one of the most important parts of dough preparation (weighing and recipe data management). A particular highlight here was the excellent preparation of the project, with which ESA managed to perform the planned commissioning work without interrupting production. My greatest respect goes to everyone involved and the hotline, which was available to provide assistance at any time of day or night. I look forward to further projects and successful collaboration.“ Technical Service Manager: Andreas Schmid