



Control System for Animal Feed Production at ..



Inntaler Mischfutter GmbH, Landshut

Increase in production, demanding ease of use and reliability are important characteristics which distinguish a good control system.

These characteristics have much effect in animal feed production as well as in other industries.

The company Inntaler Mischfutter GmbH in Landshut produces in partnership with Meggle AG in Wasserburg and BMI eG in Landshut high-quality milk replacers, mineral feed and special products for calves, dairy cows, cattle or pork.

The animal feed is manufactured in plants which have been built according to most modern technologies

Together with a partner company for plant construction we were responsible for the realisation of the new mixing plant consisting of 2 lines with one container-balance and one suction-balance each as well as stations for small components and liquid components.

Schmid Automation realised the entire planning and construction of the control cabinets and the programming and commissioning of the software.

As a system integrator Schmid Automation could integrate the self developed standard tools for mixing feed plants in the proved control system automationX and met all the demands in their entirety.

Our Solution

- Use of standard components of Siemens (ET200, SIWAREX M)
- Use of state-of-the-art technology with double monitor for a clear and easy operation
- Connection automationX by PROFIBUS-DP to the decentral periphery
- Server in cold-stand-by design

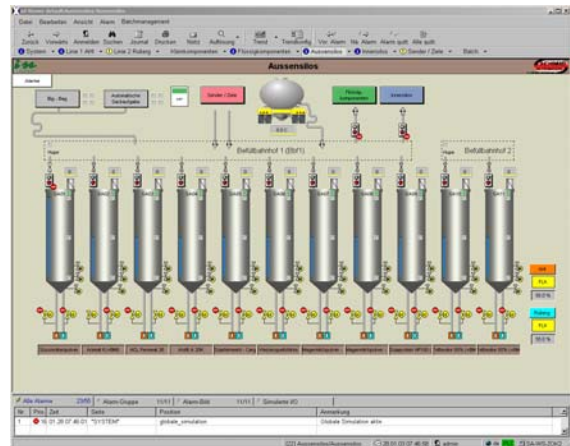


Our Services

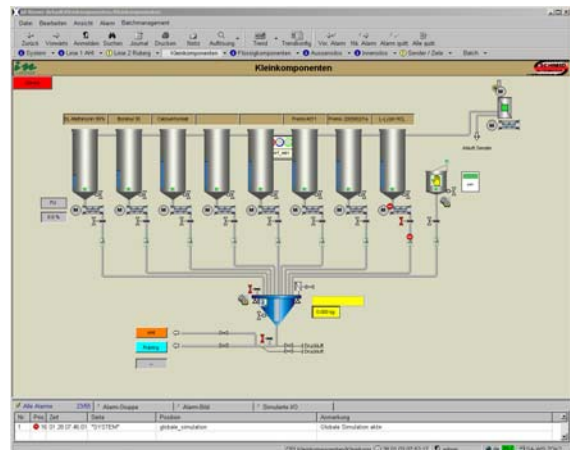
- Planning and providing of electrical diagrams (EPLAN)
- Construction of all control cabinets
- Project engineering of visualization
- Providing of the procedural software for weighing and dosing
- Data connection to the existing, customary recipe management program PROMIX by Ethernet TCP/IP.
- Commissioning, instructions, optimisation
- Integration of the entire electric scheme into the control system

Plant configuration

- 1 server (double monitor)
- 1 client (double monitor)
- Cold-Stand-By-Server
- S88-Batch-Control
- Connection of 1000 I/O by PROFIBUS-DP in automationX
- Connection of 6 balances by SIWAREX M



Outdoor Silos



Small Components

In compliance with your wishes, we realize process engineering subprocesses as well as entire plants for ready occupancy from the planning to the after sales service.

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