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Privatmolkerei Bauer:
Plant iT V9.60 for even more integration, transparency and compatibility

Ensinger Mineral-Heilquellen GmbH:
More efficient production thanks to vertical integration

Privatmolkerei Bauer: Plant iT V9.60 for even more integration, transparency and compatibility

www.bauer-natur.de/en

Founded in Wasserburg in 1887 as “Bauerschweizer Käsewerk” by Franz Seraph Bauer, the family-owned business is now in its fifth generation. The independent dairy Bauer is part of the Bauer Group and – after 130 years of continued success – is one of the largest dairy companies in Europe. The extensive product range includes popular fruit yogurts, such as “Der Große Bauer”, Bavarian wine cheese and “Diplomat” semi-hard cheese, as well as constantly new innovations.

The process control system Plant iT has been in use at Bauer since 2000. Needless to say, when the topic of a software update arose in 2018, the current version 9.60 was installed. In addition to many old and new functionalities, Bauer’s focus was on continuing to use the tried-and-trusted standard software together with familiar visualizations. This major upgrade also enabled access to the latest Microsoft Windows versions and database SQL servers. Thanks to ongoing support, optimized spare parts procurement and operation of cutting-edge automation technologies, future development of the plant is guaranteed.

ProLeiT and Bauer developed the overall solution for the upgrade together. With the result that it directly contributes to significant improvements in Plant iT V9.60. Richard Rosenberger only has positive things to say about the renewed cooperation with ProLeiT: “Thanks to the upgrade to Plant iT V9.60, we are now able to visualize and operate all programs with an accessible, updateable and understandable system. We’re able to work with the latest hardware and software without having to reprogram any existing programs in the controllers. Any new controllers that we set up are fully integrated under Plant iT V9.60. Development and implementation of the project were only possible due to the excellent and close cooperation between the ProLeiT and Bauer teams”. The process control system was exclusively developed and implemented for the independent German dairy. The customer is fully satisfied, and further projects for ERP connection and MES are already in the pipeline.



Info

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Bauer
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Ensinger Mineral-Heilquellen GmbH: More efficient production thanks to vertical integration

www.ensinger.de

Ensinger Mineral-Heilquellen GmbH was founded in 1952 by Wilhelm Fritz and his four sons, Eberhard, Otto, Wilhelm and Erich; and it is still a family-run business. In addition to the well-known brands “Ensinger Sport”, “Ensinger Naturelle” and “Ensinger Gourmet”, customers enjoy a range of juice spritzers, vitamin drinks and lemonades from the company based in the southern Germany town of Ensingen (Vaihingen/Enz). Supported by its roughly 170 employees, Ensinger recorded sales of approx. €48.5 million in 2020.

ProLeiT and Ensinger enjoy a partnership that has developed over a number of years. The process control system Plant iT has been in use at Ensinger for quite some time now. And since the last migration to the current version 9.00 took place in February 2018, the plant is also cutting-edge in terms of process control technology.

And now it was time to close the gap between processes on the shop floor and the commercial level. Keyword: Complete vertical integration. For filling processes, a production and fault data acquisition system was required that provides production data, such as produced quantities and downtime periods, to the ERP system via an integrated interface. The plan: To implement Plant Acquis iT as the line management system (LMS) for the filling and packaging lines in conjunction with version 9.00 of the manufacturing execution system (MES). The goal: To ensure increased transparency and complete data consistency and to identify any weak points and future potentials for optimization. And, in doing so, to automate the previous paper-based processes.

Implementation of the LMS and MES was completed successfully and fully in the fall of 2019. Today, Ensinger Mineral-Heilquellen GmbH benefits from being able to electronically acquire all production and fault data of the filling process. Wolfram Suhr, Plant Manager at Ensinger, only has positive things to say about the renewed cooperation with ProLeiT: “The gap between the commercial and process levels has been fully closed.” Thanks to the increased transparency and data consistency, the family-run business is now in a position to consistently and systematically identify potentials for optimization. As a medium-sized company, Ensinger further benefits from the simplicity of the solution and its modularity – it is cost-efficiently adapted to individual needs and, if necessary, as Suhr explains: “All our options are still wide open.” And so the successful partnership with ProLeiT continues. Thanks to the connection of the process control system to the MES and thus to the existing commercial level, the next project is already in the pipeline.



Ensinger

...die Calcium-Magnesium-Power-Quelle

Info

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