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ProLeiT presents V9.70**

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Plant iT upgrade for the milk delivery sector**

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Standard software solution for DMK Eis GmbH**

Just in time for BrauBeviale: ProLeiT presents V9.70

www.proleit.com

ProLeiT presents a new system version of its modular process control systems Plant iT & brewmaxx that boasts many innovative features just in time for this year's BrauBeviale – the leading European trade fair for the beverage industry being held in Nuremberg from 12 to 14 November 2019.

OPC UA server: Quick and more secure data exchange

Version 9.70 comes with an OPC UA server. It is therefore possible to exchange process and production data quickly and securely with partner systems before processing the data further, if necessary. Partner systems can be, for example, SCADA, MES, ERP or quality management systems with an OPC UA client interface. This enables continuous communication from individual sensors and actuators to the ERP level. Built-in security mechanisms ensure maximum IT security – ideal for implementing Industry 4.0 applications.

Historic values displayed in the operating dialogues

Particularly practical for operators: With the new system version, there is an additional tab in the operating dialogue of automation objects that displays historical values as a measured value curve. Operators now receive information right where they need it – which greatly simplifies and optimizes their daily work.

The new High Attention Library

The High Attention Library was developed to detect faults even more easily and quickly in the process image. Once the feature has been activated, the process image is displayed in a discreet colour (white, grey, etc.). While alarm states are indicated by a bright colour (e.g. red). This means that faults or deviations in the target state can be detected immediately, even in extremely complex process images.

ProLeiT goes mobile:

New apps optimize work sequences

“Mobilize the control room” – ProLeiT has adopted this motto and developed several innovative apps that facilitate everyday work in plants. For example, operating dialogues for Plant iT/brewmaxx are displayed directly on mobile phones. The operator therefore always has a perfect overview of the plant. The process area monitor, on the other hand, shows operators exactly where their attention is required within the plant. Independent of Plant iT and brewmaxx, ProLeiT will for the first time present a new app at BrauBeviale that has been specially developed for small businesses. The app contains a recipe editor, a materials management system and thus enables continuous batch tracking with complete documentation as a PDF download. The app is therefore not only a valuable aid in daily production but is also ideal for preparing HACCP-compliant audits.



New add-on:

Plant Direct iT Maintenance / brewmaxx Maintenance

The efficient and predictive maintenance of plants is elementary for companies in order to achieve maximum plant performance. With the Plant Direct iT Maintenance / brewmaxx Maintenance add on, ProLeiT offers a compact, fully configurable maintenance management solution that enables the evaluation and planning of all maintenance measures – both for individual automation objects, such as valves or motors, as well as entire packaging units, e.g. compressors or packers.

We would be happy to support you with your upgrade planning. Just [contact](#) us!

Private dairy Bauer: Plant iT upgrade for the milk delivery sector

www.bauer-milch.de/en

J. Bauer GmbH & Co. KG has eight subsidiaries. They include the private dairy Bauer based in the Bavarian town of Wasserburg am Inn – one of Europe's leading fruit yoghurt manufacturers. ProLeiT has been collaborating with J. Bauer GmbH & Co. KG for many years.

In April 2017, private dairy Bauer commissioned ProLeiT to upgrade the milk delivery sector of its plant in Wasserburg am Inn from Plant iT version 7.12 to 9.60. The particular challenge was that the ProLeiT employees only had a very small time window to implement commissioning. For example, the upgrade had to be carried out in a single weekend to keep production losses for the customer to a minimum. Re-programming would have entailed complete re-commissioning and obviously taken much longer. ProLeiT therefore developed a tailored upgrading concept. This consisted of

maintaining the user code of the sequences in the controller and the input/output assignment. In addition, all V6 classes were adapted to the new UDP2 communication with the server to ensure their continued use. This procedure guaranteed that there were no prolonged delays within the milk delivery sector. Thanks to the Plant iT V9.60 upgrade, the milk delivery sector is also state-of-the-art in terms of IT updates and IT security and compatible with Windows 10. Furthermore, the customer can now utilize the Plant Direct iT Visu-Recorder: The add-on automatically records the process activities of the control system and visualizes them on demand – problems can thus be subsequently identified and easily resolved.



The project was successfully completed by ProLeiT in a single weekend. Future upgrading projects are already in the pipeline and will incorporate all other sectors of the plant.

DMK Deutsches Milchkontor GmbH: Standard software solution for DMK Eis GmbH

www.dmk.de/en

DMK Eis GmbH is one of the largest ice cream manufacturers in Europe and a subsidiary of DMK Deutsches Milchkontor GmbH – Germany's largest dairy cooperative and a leading supplier to the German food retail sector. We have been collaborating with the dairy company for many years now and are, therefore, delighted that ProLeiT has also been commissioned to implement an extensive automation project for the subsidiary.

In March 2018, the parent company commissioned us to renew all the automation systems at DMK Eis GmbH's plant in Haaren, Germany. To achieve this goal, the two existing software solutions needed to be replaced with a standard system. Plant Liqui iT V9.60 – ProLeiT's reliable process control system for handling liquid processes – was used for this task.

ProLeiT employees were given two weeks to implement the new system, thereby ensuring minimum plant downtime for our

customer. During this period, all the required input/output checks had to be performed. Our employees additionally checked whether all automation objects and sensors corresponded to the relevant circuit diagrams. The ProLeiT project team was able to complete these complex tasks on time.



The new software solution offers our customer many advantages: Employees benefit from a standard visualization system that maps the entire plant. This ensures they always have the best possible overview of all the plant processes. They can also track the entire process from raw material delivery to the finished ice cream. Batches can be found quickly and any process errors can be easily rectified. The standard user interface for all systems is particularly practical for the employees in Haaren.

The implementation of the new system was successfully completed in October 2018. ProLeiT would like to thank DMK Eis GmbH for the trust they placed in us and for the efficient cooperation throughout the process. We look forward to many more projects!

