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ProLeiT

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5th anniversary of ProLeiT OOO

Merck KGaA:
GMP-compliant automation

Juice production:
Israel Beer Breweries Ltd. (IBBL)

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Automation of the NÖM dairy plant

5th anniversary of ProLeiT OOO



www.proleit.ru

in Moscow, ProLeiT's Russian subsidiary company has developed into an important player in the Russian market and now has a workforce of 16 employees. Among the

November 5, 2009 – five successful years have passed since the foundation of ProLeiT OOO in Russia! Based

well wishers at the ballroom of the Moscow Savoy hotel was – besides numerous Russian customers – Chief Executive Officer Wolfgang Ebster of the German holding company ProLeiT AG. The photo shows the subsidiary's Managing Director Jakov Sidorov cutting the birthday cake. We wish the Russian subsidiary all the best for a successful future!

Merck KGaA: GMP-compliant automation

www.merck.de

of the process control engineering components within the framework of its "GMP Solutions" project. The contract consists of the

Merck KGaA in Darmstadt, Germany, has awarded ProLeiT AG in Herzogenaurach a contract for the implementation

GMP-compliant automation of the mixing center at the company's Darmstadt production site. Included in the scope of delivery are the electric control cabinets, the network technology, the complete automation and even the control level. ProLeiT Plant Direct iT based on the SIMATIC S7 will serve as process control system. Commissioning is scheduled to take place in 2010.

Juice production: Israel Beer Breweries Ltd. (IBBL)

www.carlsberg.co.il



at the bottling plant. A new syrup room is at the core of this special plant, the existing isolated automation solutions have been replaced. With this modernization IBBL has not only increased its production capacity, but ensures safe production based on strict hygienic standards and consistent traceability. Moreover, an IBBL brewery at the same

the consistent automation of the entire production system – including the receipt of raw material, the mixing tanks and even the buffer tanks

location was automated with brewmaxx two years ago. The two plants will be able to jointly utilize numerous components of the hardware equipment – and especially the video server for the recording of all plant states. The modernization of the fruit juice mixing plant was realized in just 6 steps in parallel to daily plant operation with support and the implementation of sub-projects by C-Vision, ProLeiT's local partner in Israel.

In the next expansion phase a fully fledged energy management system based upon the measured values and meters already available in the Plant iT process control system will be implemented gradually for the whole production site, namely brewery and syrup production.

Glocken Bakery: Fully automated

www.glockenbrot.com



With an annual turnover of about € 160 million, the Glocken Bakery, an affiliate of the REWE Group, is one of Germany's most important bakeries. At its head office in Frankfurt the entire production process has been consistently automated with the Plant iT V8 automation system. In close cooperation with Glocken's in-house specialists the recipe interfaces and control parameters have been standardized along with the implementation of significantly improved diagnostic options. Moreover, thanks to Plant iT V8, these plants are

integrated even more efficiently into the REWE-ERP-system and thus provide for smooth order input. At the same time, a new standard has been set for reporting and IFS (International Food Standards) traceability. At the core of this automation solution is the Batch iT module which has been specifically designed for recipe controlled processes and now manages at Glocken Bakery more than 250 different recipes and 200 raw materials. The automation of the operating, supervision and visualization is realized with Plant Direct iT, the Plant iT connect communication interface serves for the connection to the REWE-ERP-system.

MES for SAB Miller

www.sabmiller.com



Consistently automated from incoming malt receipt up to the bright beer tanks, the process engineering system based on brewmaxx V8 entered operation in the summer of 2009. Within the framework of a further expansion stage, the implementation of an MES system – including batch tracking from the receipt of raw materials up to the

delivery of finished goods to the warehouse, and even the integration of the utility and packaging plants – is now in progress. The data for a total of three bottling lines is made available based on the 2005 Weihenstephan Standards. The overall objective of this ambitious approach is to realize a system-wide MES solution for production and packaging which not only comprises materials management and batch tracking, but also detailed management reports with key productivity indicators and even consumption statistics for energy, water and the utilization of raw materials.

Automation of the NÖM dairy plant

www.noem.at

ProLeiT was responsible for the automation of the entire dairy – from the receipt of milk up to filling based on the Plant iT V8 system family. The Plant Direct iT software modules are used for monitoring and visualization, Plant Acquis iT serves for data acquisition and reporting, Plant Liqu iT for the sequence control of continuous processes, and Plant Batch iT provides the basis for recipe management and incoming order

processing in the mixing and filling area. The hardware for the entire product and materials management is based on Plant iT material. The Plant iT connect module provides the connection to the higher-level ERP (SAP). In-coming orders are processed at the NÖM head office in Baden (Austria), and actual values and inventories are forwarded to the SAP system from the Telford-based ProLeiT system. The consistent automation solution ensures batch tracking and order management across all process levels and even for systems engineering components from different suppliers.

2009 is coming to an end! Now it is time for us to look back on the past twelve months which stood out for their fascinating projects, interesting discussions and numerous trade shows – but were also characterized

by economic constraints and instability! For the forthcoming festive season, we wish you some quiet and relaxing days to share with your family! Merry Christmas to all of you and a prosperous 2010!

