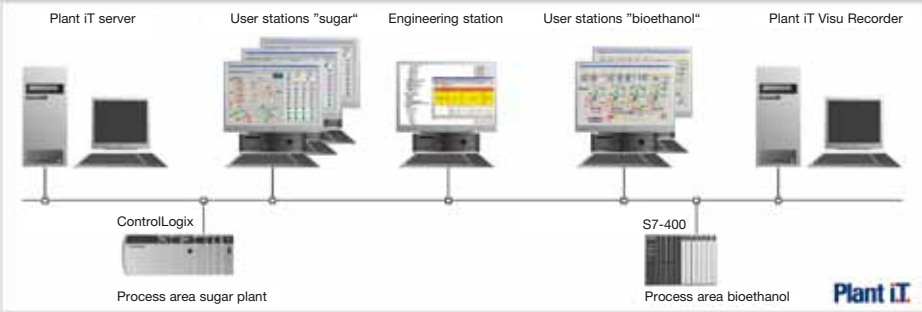
connected
the ProLeiT Group information service

3.09

Plant iT multi-platform: Siemens & Rockwell in combined operation

www.proleit.com



Pantaleón, a company for the industrial processing of agricultural products, is using sugar cane for the production of sugar, sugar derivatives, bioethanol and the production of electrical energy.

Currently, Pantaleón is Central America's largest sugar producer. Within the framework of the modernization and expansion of its factories, the group has entered into a close cooperation with ProLeiT as a competent automation partner. One major factor in the company's decision in favor of the Plant iT process control system was the fact that ProLeiT is in a position to implement a consistent migration solution which goes far beyond the limits of the Rockwell Automation and Siemens controllers – already in use within the company.

With the centralized Plant iT engineering system, both projects were implemented on two different hardware platforms. The sugar pan project is based on ControlLogix designed by Rockwell Automation, whereas Siemens SIMATIC is the core component of the bioethanol plant. Only one single, shared server is required for the configuration and operation of both plants.

The first phase of the upgrade of the sugar plant, which entered operation in November 2008, involved the comprehensive controlling of the sugar pan area – with a daily capacity of 3,000 tons of cane – and also of the bioethanol plant, with a daily capacity of 150,000 liters. In the meantime, ProLeiT has been awarded a contract for the next expansion stage – on the ControlLogix controller platform.

The implementation of this plant section is currently in full swing in order to meet the tough deadline: The beginning of the next sugar harvest.

Plant iT – for the utmost flexibility in beverage production

www.juhayna.com

The Egyptian company Juhayna, the Near East's leading beverage producer, is preparing intensively for globalization and growth – by the ProLeiT process control system. In order to satisfy the increasing worldwide demand for its products, Juhayna has invested in a new fruit juice mixing plant in Cairo. To meet its ambitious goals, Juhayna has requested its suppliers to install ultra-modern plants and components for highly flexible and extremely safe production, stringent hygienic standards and consistent product traceability. The Plant iT process control system designed by ProLeiT provides the basis for this forward-thinking approach, based on a unique, process-oriented materials management system, a centralized engineering environment, with a shared database and a consistent user interface for parameterization, Plant iT offers a flexible and future-oriented process control system for the entire production process worldwide – from incoming goods receipt up to bottling.

Laboratory automation for Darmstadt University

www.eckelmann.de

Eckelmann AG from Wiesbaden/Germany, a long-standing system partner of ProLeiT AG, has supplied the Department of Applied Chemistry and Biotechnology of Darmstadt University with a compact Plant iT stand-alone system. Of special importance for the University was the particularly practice-orientated implementation of the system in order to give the students first-hand insight into the state-of-the-art process technology in their future field of professional activity. The system serves mainly for the logging of measurement data and the documentation of test results on a rectification plant for thermal separation in the faculty's laboratory. A special feature of this sophisticated system enables the assignment of each laboratory technician (student) to specific measurement value logs and the output of the entire analysis results as a test log.

Germany's most modern barrel filling line enters operation

www.berliner-kindl.de

On July 29, 2009, the new barrel filling line of the reputed Berliner-Kindl-Schultheiss brewery successfully entered operation. Consistent storage technology, environmental protection and the economically efficient consumption of resources were major aspects for the realization of this ultra-modern system for all KEG containers, with an hourly capacity of 340 KEG barrels. Germany's most modern, fully automated barrel filling system allows the filling of all types and sizes of barrels from 25 to 50 liters with minimum changeover times. Furthermore, different types of closures, i.e. so-called basket or flat-fitting closures, can be conveniently processed. Along with product quality, efficiency and flexibility, sustainable environmental protection was a core criterion for the planning of the new KEG system. Based on comprehensive automation, the consumption of water and energy can be significantly reduced by up to 25 %. Equipped with ultra-modern filling and control technology, the new KEG filling system ensures consistently high product quality. The plant itself bears the seal of quality ”Made in Germany“: The barrel filling system was supplied by the Albert Frey company in the town of Wald in the Allgäu region. The process automation and data processing systems were designed by ”aktive automation“ in Selb and commissioned in close cooperation with ProLeiT, the supplier of the process control system. ”We trust in leading German companies“, stresses Klaus Lanske, Head of Mechanical Engineering Technology at Berliner-Kindl.

About us

www.proleit.com

Mike Jamieson – formerly Global Director of Consumer Packaged Goods at Rockwell Automation – has been Vice President Sales and Marketing since September 7, 2009 and mainly responsible for activities in the Rockwell markets. With a total of 22 years of experience in the fields of engineering and project management, consulting, sales and marketing in the industry sector, he is ideally qualified to further intensify the cooperation with Rockwell Automation and develop new, international fields of activity.

Responsibility for content: *ProLeiT AG, Einsteinstr. 8 91074 Herzogenaurach, Germany* *Tel.: +49 9132 777 0 Fax: +49 9132 777 150 www.proleit.com* *Realization: 1601.communication Erlangen, www.1601.com*