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InnoCamp Sigmaringen: ProLeiT AG supports the development of an “Industry 4.0” model factory

www.innocamp-sigmaringen.de

In close cooperation with Albstadt-Sigmaringen University, WFS - Wirtschaftsförderung GmbH & Co. KG of the city of Sigmaringen is currently planning the development of an innovation campus. The beacon project spread over 8,000 m² will offer space for three different facilities: a technology and business incubator, an academy and a model factory. The declared goal of the InnoCamp Sigmaringen is to further enhance exchange between the university and local companies, thus ensuring a steady flow of skilled workers, supporting innovative start-up ideas and promoting the economic region of Sigmaringen-Konstanz for years to come. Based around the scientific agenda of Albstadt-Sigmaringen University, the focus will be placed firmly on energy and resource-efficient production, sustainable energy management and life sciences.

As a company with a sustainable strategy that fosters a deeply ingrained connection to the local region, ProLeiT AG is delighted

to support the promising project in Sigmaringen and to help technology-minded people who are looking to set up a business take their first steps. ProLeiT is one of the companies using its expertise to actively participate in the development of the model factory at the InnoCamp Sigmaringen from the viewpoints of Industry 4.0. To achieve this goal, ProLeiT is integrating both its process control system Plant iT and engineering and consulting services in the project.

The model factory is expected to be ready for occupancy by the end of 2019 and, in contrast to many virtual factories, will enable the exemplary implementation and replication of production processes. The model factory in Sigmaringen will therefore be the first university research facility in which machines and apparatuses for the sustainable processing of foodstuffs can be tested according to strict EU hygiene requirements. Products manufactured in the model factory can subsequently be put into circulation, e.g. for a large-scale customer trial or the small-scale production of a start-up company.



ProLeiT Iberia S.L.U.:

10th anniversary of our Spanish subsidiary

www.proleit.es

A key strength of the ProLeiT Group is its local presence and the related international market exposure. We are therefore delighted that ProLeiT Iberia has been in existence since 19 November 2007 and we congratulate our Spanish subsidiary on occasion of its 10th anniversary this year. The subsidiary manager Christian Schlotter can look back with some pride on the past ten years and views the twenty staff members and their hard-working and committed attitude as the company’s greatest asset and its key to success.

The first milestones that contributed to the success of ProLeiT Iberia were the collaboration with Rockwell Automation in 2008 and the system upgrading of the Leona brewery to S7 brewmaxx, which

followed soon after. Based on this and further projects, the company was already boasting a positive balance by 2010. Over the course of its ten-year existence ProLeiT Iberia has been able to acquire other renowned customers.

These include, for example, the Calidad Pascual dairy, which utilizes Plant iT as its standard automation system. A current successful venture that promises much more to come is the cooperation with the three largest Spanish brewery groups Mahou, Heineken and Damm, which together account for roughly 88 % of all the beer produced in Spain.

To build on the success already enjoyed, the subsidiary manager Christian Schlotter believes the future goal of ProLeiT Iberia is “to further expand the domestic market and to become the market leader in the core competencies with ProLeiT solutions”.



Compañía Cervecera de Nicaragua: New brewmaxx control system for Nicaraguan brewery

www.ccn.com.ni

Founded in 1926, Compañía Cervecera de Nicaragua (CCN) is based in the Nicaraguan capital Managua and has been producing top quality beer for more than 80 years. CCN merged with Industrial Cervecera, S.A. (ICSA) in 1996 and is now the largest brewery in Nicaragua. Today, CCN is one of the most technologically advanced and state-of-the-art breweries in Latin America.

In February 2016, ProLeiT AG in cooperation with its Spanish subsidiary in Seville was commissioned to equip the brewery with a new brewmaxx control system. The project was divided into several phases: The actual engineering phase took place between March and June 2016. The filtration and the old fermenting and storage cellar were gradually put back into operation as early as July.

A specific brief of the project was that the "downtime windows" were only to be opened for the shortest period possible. Although

this order was more or less a standard implementation project for ProLeiT, the pressure was nevertheless exceptionally high as the brewing season in Nicaragua, similar to Europe, picks up pace in the second half of the year. The final deadline for upgrading the filtration was thus July 2016; at the same time, the periphery had to be replaced (SIMATIC S5 through S7) during this time window.

In close cooperation with the highly qualified staff at the brewery, ProLeiT was able to successfully install the peripheral equipment and the control system over the course of an extended weekend. "The key factors for successful implementation of the project were our complete confidence in the know-how and the extensive brewery experience of ProLeiT, the expertise of our own automation engineer and the unbureaucratic and excellent communication between all the partners," says Rüdiger Adelman, production manager at Compañía Cervecera de Nicaragua.



ProLeiT AG: Utility Management System

www.proleit.com

The Utility Management System (UMS) from ProLeiT enables the integration of self-sufficient auxiliary plants in a standardised visualisation system. This offers a variety of advantages: On the one hand, it enables the extensive monitoring of auxiliary plants, allowing operators to detect any deviations from standard operating procedures more reliably and to remedy critical situations faster or to prevent them completely. And on the other hand, a comprehensive visualisation system enables the extensive analysis of the respective plant – ranging from consumption rates to all events. The resulting level of data provides the ideal platform for plant-wide information management and a transparent production process.

The intuitively designed dashboards provide a quick status and availability overview of all utilities, as well as a detailed analysis of

individual sections. Any critical situations that may occur can be recorded quickly and reliably. Responsible employees are notified accordingly via email or text message (SMS).

Besides the system software, the service package of the Utility Management System also includes extensive engineering and consulting services. Due to predesigned templates, you benefit not only from a specifically high degree of standardisation, but also from a significant time and expense reduction during implementation and future upgrades.

The ProLeiT UMS is designed to fit the specific needs and requirements of the brewing and beverage industry and is already being used successfully by leading brewery groups. Needless to say, all other sectors of the process industry can also benefit from the many advantages provided by the UMS.

