

Prevas supports knowledge platform for industrial digitalization

The demonstration project Smart Factories is intended to showcase digitalization's capabilities, increase interest in technology among young people and to provide skills development to industry. Göteborgs Tekniska College is managing the project for the construction of a factory in miniature at Lindholmen in Gothenburg. As an industrial partner, Prevas is contributing with technical expertise and mentorship for students' work.

Smart Factories is a platform for collaboration between the educational system and commerce. About 80 students from colleges, traditional trade schools, trade schools for adult education and high schools have been involved in the project since January of 2017.

"The students have, for example, built a digital copy of the factory, and they've worked with smart methods, augmented reality and sustainable production," says Johan Bengtsson, Göteborgs Tekniska College, project manager for the initiative. "The project is an excellent example of how the educational system and commerce can collaborate."

The overall goal of Smart Factories is to spread knowledge of digitalization and to convey a positive picture of careers in industry. Prevas is one of approximately 50 industrial partners that provides expertise, technical systems and components for projects.

"Together with Göteborgs Tekniska College, we've developed and installed the factory's order and planning system," says Prevas Senior Sales Manager Lars Sandberg, in charge of industrial systems in Western Sweden. "The installation is based on Prevas' production platform eLIPS, which is used by our large industrial customers."

The educational dimension of the project is essential for Prevas, which among other things, has provided mentors for student projects in maintenance systems. Moreover, the Smart Factories project is being used for internal skills development and marketing of Prevas as a place to work.

"Through our engagement in Smart Factories, we show potential employees what we do and what we stand for," says Lars Sandberg. "At the same time, the project opens unique opportunities for professional collaboration between both students and customers, as well as partners in the region."

Prevas mini-convention

On August 24, Prevas arranged an internal education day and mini-convention focusing on the finished factory that was built at Lindholmen in Gothenburg. Johan Bengtsson and Adrian Bentland from Göteborgs Tekniska College welcomed the participants and presented the factory environment. A number of profile projects in Prevas' various fields of expertise were presented, which gave the participants an opportunity to learn from one another and establish contacts with colleagues from other offices.



Tommy Andersson presents AutArch, a Prevas system for collection, analysis and presentation of production data.



Johan Bergsten (right) and Patrik Åkerlind (left) inspect the die that punches out the cardboard sheet, which is subsequently folded into the factory's final product – a pair of VR goggles.



Patrik Olsson Bichis shows a Prevas AR application for machine maintenance.



Torjus Færnsnes tests the capability to control a robot via a Prevas-developed VR application.



Prevas Senior Sales Manager Lars Sandberg together with Johan Bengtsson, Göteborgs Tekniska College, project manager for Smart Factories.

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About Prevas

Prevas is development partner for companies in several industry segments. Our passion is to solve technological challenges to develop smart products and smart factories. With leading expertise in high-tech product development, embedded systems and industrial IT & automation, Prevas contributes by providing innovative solutions and services that create growth. Prevas was founded in 1985 and is the main supplier and development partner to leading companies in industries such as life science, telecom, automotive, defense, energy and engineering. Prevas has offices in Sweden, Denmark, Norway and India, and approximately 600 employees. Prevas has been listed on the NASDAQ exchange in Stockholm since 1998. For more information, please visit www.prevas.com.