

Press release

The same database for everyone: workers and management kept up to date interactively

Interactive communication platform ActiveCockpit from Rexroth increases production efficiency

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- ▶ All relevant information available to everyone in real time directly on the production line
- ▶ Intelligent networking saves information processing time
- ▶ More efficient improvement processes through clear analysis and conclusive task definition with ActiveCockpit



Intelligent networking: higher efficiency with continuously updated information for all concerned.

Calling up manufacturing information, printing it out and attaching it to a clipboard is laborious. Also, the printed data is often outdated anyway. With ActiveCockpit, Rexroth has developed a new product information system that records all relevant data, dynamically updates it and graphically displays it on the production line in real time. As a link between production and company IT, the software enables networked assembly in accordance with Industry 4.0. This transparency offers an important prerequisite for higher productivity during production.

The interactive information and communication platform ActiveCockpit continuously records, processes and filters all the production data of a production line.

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The software clearly prepares the key figures and displays them on site to all concerned, interactively and in real time, on a large touchscreen or a tablet, for example. Among other things, ActiveCockpit has moderation, escalation and whiteboard functions with predefined widgets, paperless communication and interactivity. The basis for this is software packages such as Desklinc, advertising columns, circuits, views and employee comparison. In addition, apps like Webframe and interfaces to back end systems e.g. ERP enable a fast connection.

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This way, the production data on the shop floor is clearly displayed in real time for team meetings. Employees can immediately mark errors in production and enter optimization measures. All decisions are then automatically shown in a protocol produced at the end of the meeting.

ActiveCockpit is quick and easy to use on site. The worker calls up data with their fingertips, for example to check and control the availability of stations. Other evaluations comprise production times, quality data and quantities. This data can be viewed via the company network in the plant at the same time as other functions. This way, employees on the production line can, for example, photograph faulty parts with a tablet, transfer the photos onto the system, share them with colleagues and evaluate them together at the interactive board.

The interactive communication platform ActiveCockpit speeds up decisions and solutions, as the optimum value added process can be deduced from the available data in real time at any moment. The interactive board is an example of how Industry 4.0 is already changing production today. Through consistent networking and higher transparency, downtime is reduced and the efficiency of processes is increased.

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Economical, precise, safe, and energy efficient: drive and control technology from Bosch Rexroth moves machines and systems of any size. The company bundles global application experience in the market segments of Mobile Applications, Machinery Applications and Engineering, Factory Automation, and Renewable Energies to develop innovative components as well as tailored system solutions and services. Bosch Rexroth offers its customers hydraulics, electric drives and controls, gear technology, and linear motion and assembly technology all from one source. With locations in over 80 countries, the company generated sales of 5.6 billion euros in 2014, according to preliminary figures.

To learn more, please visit www.boschrexroth.com

The Bosch Group is a leading global supplier of technology and services. The company employs roughly 360,000 associates worldwide (as per April 1, 2015), and generated sales of 48.9 billion euros in 2014, according to preliminary figures. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in some 60 countries. Including its sales and service partners, Bosch is represented in roughly 150 countries. This worldwide development, manufacturing, and sales network is the foundation for further growth. In 2014, Bosch applied for some 4,600 patents worldwide. The Bosch Group's strategic objective is to create solutions for a connected life. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life."*

Additional information is available online at www.bosch.com, www.bosch-press.com and <http://twitter.com/BoschPresse>

**The preliminary sales figure disclosed for 2014 does not include the former joint ventures BSH Bosch und Siemens Hausgeräte GmbH (now BSH Hausgeräte GmbH) and ZF Lenksysteme GmbH (now Robert Bosch Automotive Steering GmbH), which have since been taken over completely.*

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