

## Press Release

### Bosch Rexroth's IoT Gateway Rack is a ready-made, drop-in solution to make your machine ready for Industry 4.0

The IoT Gateway Rack is ideal for upgrading older machines with Industry 4.0 capabilities

IA18013A

For Immediate Use



The IoT Gateway Rack is ready to plug into any standard 110V outlet.

**The IoT Gateway Rack is an IP65-rated enclosure containing Rexroth's award-winning IoT Gateway. Additionally, it includes all the necessary wiring and connections to connect PLCs, I/O and other data sources for collection, processing and forwarding of plant floor data to upper-level data systems.**

CE rated and UL listed, the IoT Gateway Rack is one of the latest additions to Rexroth's automation portfolio. This IP65-rated system neatly contains all the necessary components, including Rexroth's IoT Gateway, to connect data sources to upper-level data systems. Rexroth's IoT Gateway technology is a configured, not programmed, solution, meaning it doesn't require knowledge of specific programming languages and makes it easy to get up and running. Additionally, it's powered by industry-standard 110V outlets so no additional, expensive wiring is required to power the Rack.

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The IoT Gateway Rack has the ability to collect legacy PLCs and simple digital and analog I/O to collect data from machines that were manufactured without Industry 4.0 data transfer capabilities, making it the ideal solution for retrofitting older machines. It's Plug-and-Play design allows Original Equipment Manufacturers to use the IoT Gateway Rack as an optional addition to their existing machines. This allows them to easily provide Industry 4.0 capabilities for customers who require the additional functionality without changing the main design of the machine.

Additional highlights of the IoT Gateway Rack include:

- Contains three Ethernet ports, one HDMI port, one USB port with Wi-Fi and 4G options for full connectivity capabilities
- Works with popular data streams for data collection and communication such as OPC UA, OPC DA, TCP/IP, MQTT and REST
- Connects to standard databases such as MySQL and MongoDB
- Rated for industrial environments
- Connects to popular PLC systems and I/O, as well as well-known cloud architecture

### **About Bosch Rexroth:**

*As one of the world's leading suppliers of drive and control technologies, Bosch Rexroth ensures efficient, powerful and safe movement in machines and systems of any size. The company bundles global application experience in the market segments of Mobile Applications, Machinery Applications and Engineering, and Factory Automation. With its intelligent components, customized system solutions and services, Bosch Rexroth is creating the necessary environment for fully connected applications. Bosch Rexroth offers its customers hydraulics, electric drive and control technology, gear technology and linear motion and assembly technology, including software and interfaces to the Internet of Things. With locations in over 80 countries, more than 32,300 associates generated sales revenue of roughly 6.2 billion euros (\$7.3 billion) in 2018.*

To learn more, please visit [www.boschrexroth-us.com](http://www.boschrexroth-us.com).

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## **About Bosch:**

*The Bosch Group is a leading global supplier of technology and services. It employs roughly 410,000 associates worldwide (as of December 31, 2018). According to preliminary figures, the company generated sales from operations of 77.9 billion euros (\$92 billion) in 2018. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT company, Bosch offers innovative solutions for smart homes, smart cities, connected mobility, and connected manufacturing. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to deliver innovations 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." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. The basis for the company's future growth is its innovative strength. At 125 locations across the globe, Bosch employs some 69,500 associates in research and development.*

Additional information is available online at [www.bosch.com](http://www.bosch.com), [www.iot.bosch.com](http://www.iot.bosch.com), [www.bosch-press.com](http://www.bosch-press.com), [www.twitter.com/BoschPresse](https://twitter.com/BoschPresse).

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