STRATEGIC
INNOVATION PARTNERSHIP

INTERNET OF THINGS AND INDUSTRY 4.0

The Bosch Group is a leading global supplier of technology and services. It employs roughly 390,000 people worldwide (as of December 31, 2016). The company generated sales of €73.1 billion in 2016. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods and Energy and Building Technology. A leader in the field of Internet of Things (IoT), Bosch offers innovative Smart Home, Smart City, Connected Mobility and Industry 4.0 solutions. Its expertise in sensors, software, services and its own IoT Cloud allows the company to offer customers one-stop shopping when it comes to connected and multi-domain solutions. 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 450 subsidiaries and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing and sales network covers nearly every country in the world. The basis for the company's future growth is its innovative strength. Bosch employs 59,000 associates in research and development at 120 locations across the globe.

Predictive Analytics Tools
Software AG and Robert Bosch GmbH entered a strategic innovation partnership in October 2016 to develop new services and solutions for the Internet of Things and Industry 4.0. Software AG's Digital Business Platform will become a highly scalable component of the Bosch IoT Cloud. In addition to a joint innovation cycle and sales activities, the partnership will focus primarily on the development of predictive analytics tools and new IoT modules for real-time data analysis and decision making.

Software AG's Terracotta in-memory data storage and Apama event processing solutions will be employed for real-time analytics. Its universal messaging integration module—already in use at Bosch—will ensure smooth interaction of all components.

Real-time data analytics using environmental sensors and risk assessment systems coupled with predictive tools lay the foundation for more secure, efficient and faster production and logistics processes. The Bosch IoT Cloud enables users to create, use and market new IoT solutions faster and more simply. The partnership guarantees continuous development and enhancement of the platform's functionality and services.

Software AG CEO Karl-Heinz Streibich stated, "Our objective is to optimally combine the comprehensive expertise of Bosch as an innovation leader with our software know-how in the cloud market. With this step, we are also strengthening Germany as a technology hub with the goal of expanding its global leadership in IoT and Industry 4.0."

"As technology partners, we will be able to offer our customers innovative solutions with the Bosch IoT Cloud even faster and more efficiently than before."

— **Dr. Volkmar Denner** I Chairman of the Board of Management, Robert Bosch GmbH

- Industry: technology and services
- Country: Germany
- Employees: >390,000