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Sensing tomorrow: Bosch envisions the future in Silicon Valley

New Research and Technology Center in Sunnyvale builds on nearly 20-year history of Bosch in Silicon Valley

- ▶ Key Bosch programs such as automated driving and artificial intelligence have strong roots in Silicon Valley and continue as active projects today
- ▶ Top researchers investigate future technology in robotics, human-machine interaction, sensor technology and more
- ▶ The 104,000 square-foot office represents a \$40 million commitment that is home to 200 associates and can house up to 300 team members from Bosch Corporate Research, Robert Bosch Venture Capital and various Bosch business divisions

SUNNYVALE, Calif. – From the rapid growth of the semiconductor industry to the birth of the venture capital business, Silicon Valley has become synonymous with technology innovation. As the region has transformed to [nearly a \\$3 trillion ecosystem of business](#), Bosch has been present for nearly 20 years in Silicon Valley to lay the foundation for technology advancements that have brought great benefit to the global market and to humankind. Today Bosch hosts the grand opening of its new Research and Technology Center (RTC) in Sunnyvale, Calif. as the company continues to envision the future in Silicon Valley through advanced research, active business and venture capital activities.

The new 104,000-square-foot office, which represents a \$40 million commitment over a 10-year lease, is currently home to 200 team members and can house up to 300 associates. It features research labs, workshops and garage space for advanced research. The office space mirrors the company's philosophy of Inspiring Working Conditions, focused on collaborative technology and workspaces that foster innovation, collaboration and creativity.

"The new Bosch Research and Technology Center in Sunnyvale represents the maturity of our presence in Silicon Valley after nearly 20 years in the market," said Mike Mansuetti, president of Bosch in North America. "We have envisioned

technology like automated driving and artificial intelligence as part of our history in the Valley. Our new office enables us to continue the important collaboration with the Silicon Valley business and academic communities to imagine and bring to market the technology innovations of the future.”

From trend scouting to collaboration with top universities, customers and industry partners, the Bosch team in Silicon Valley has contributed to the development of technology in key growth areas for the company, including artificial intelligence, human-machine interaction, automated driving systems, robotics, advanced circuits and sensors.

Since 1999, Bosch’s presence in Silicon Valley has grown to include nine Bosch business divisions spanning the Bosch Group portfolio. These divisions work closely with corporate research colleagues to transition research topics into to deployable technology. They also conduct trend-scouting activities to identify new technologies and partners. Divisions present in Silicon Valley benefit from close proximity to customers and partners in categories such as mobility, consumer electronics and more.

Also part of the Bosch footprint in Sunnyvale is Robert Bosch Venture Capital (RBVC) GmbH, the Bosch Group’s venture capital organization. RBVC invests in innovative startup companies around the globe at all stages of development. In so doing, it builds valuable relationships in the world of startups and helps Bosch remain an innovative leader. At the same time, RBVC investments give Bosch access to disruptive technologies at an early stage.

Cultural and scientific diversity fuel Bosch in Silicon Valley

As part Bosch’s global Corporate Research network, the Research and Technology Center in Silicon Valley benefits from a diversity of cultural and scientific approaches as the team is composed of researchers from around the world.

The Bosch Community Fund, the company’s U.S.-based foundation, has actively supported STEM (science, technology, engineering and math) education across the United States since 2012. Today the Bosch Community Fund awarded \$75,000 in grants to the Sunnyvale Education Foundation in support of STEM education programs for elementary and middle schools within the Sunnyvale School District. Schools will utilize the funds for lab and makerspace equipment, curricular materials, teacher training and other STEM programmatic support.

Academic collaboration drives technology advancement

At the heart of the Bosch presence in Silicon Valley is a long-standing relationship with the local academic community, particularly Stanford University. The Bosch RTC has worked with Stanford graduate students on a number of different technologies, including high-efficiency internal combustion engine concepts, MEMS (microelectromechanical systems) sensors, autonomous driving and natural language understanding.

In 2008, Bosch endowed a chair at Stanford, known as the Robert Bosch Chairmanship of the Department of Mechanical Engineering, and that same year was a founding member of the Stanford University CarLab, an initiative focused on interdisciplinary research into automotive vehicle safety, the environment and enjoyable transportation.

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About Bosch

Having established a regional presence in 1906 in North America, the Bosch Group employs nearly 34,500 associates in more than 100 locations, as of December 31, 2017. According to preliminary figures, in 2017 Bosch generated consolidated sales of \$13.7 billion in the U.S., Canada and Mexico. For more information, visit twitter.com/boschusa, twitter.com/boschmexico and www.bosch.ca.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 400,500 associates worldwide (as of December 31, 2017). According to preliminary figures, the company generated sales of 78 billion euros (\$88 billion) in 2017. 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 industry. 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 create solutions for a connected life, and to improve 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, 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 62,500 associates in research and development.

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

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