

Qualcomm Collaborates with Current, Powered by GE to Gain Further Intelligence and Efficiencies via Lighting Infrastructure in Its Award-Winning San Diego Smart Campus
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- Current's sensors, microservices and intelligent infrastructure help optimize office space with the goal of enhancing employee comfort
- Technology will be part of the Qualcomm Smart Campus showcase, giving customers and prospects insights and a blueprint on building their own intelligent enterprises

The Qualcomm Smart Campus in San Diego is upping its IQ with the addition of smart, digital sensing technology from Current, powered by GE (NYSE: GE). GE and Qualcomm Intelligent Solutions, Inc., a subsidiary of Qualcomm Technologies, Inc., today announced that Current's sensors, microservices and intelligent LED infrastructure will help drive more energy efficiency, operational savings for Qualcomm's award-winning Smart Campus, all while extending the company's existing intelligent environments showcase for visiting customers.

As part of the deployment, Current's sensors will detect and analyze building occupancy levels to help control lighting and HVAC in real time, with the goal of driving down energy costs in the locations where they are used. Air-quality sensors for temperature, humidity and CO2 will work in concert with ventilation systems to enable optimal temperature and environmental conditions based on building occupancy, with the goal of enhancing the comfort and productivity of occupants. In order to support Qualcomm Intelligent Solutions' continued efforts to gain more intelligence and further increase efficiencies on its Smart Campus, edge intelligence gateways powered by Qualcomm® Snapdragon™ processors will support the collection of critical data, while normalizing and filtering for various sensors in real time. These edge intelligence gateways will also promote seamless communications between various enterprise assets such as lighting, water, energy and HVAC.

As an additional activation, the project puts to work the technology integration between Qualcomm Technologies Inc., and Current, where Qualcomm Technologies' Visible Light Communication (VLC) indoor positioning technology, Qualcomm® Lumicast™, pairs with Current's LED infrastructure. LED light fixtures can be used to send VLC signals to a customer's smartphone, and Lumicast can determine their location with centimeter-level accuracy.

"Qualcomm Intelligent Solutions is pleased to work with Current powered by GE to further enhance its Smart Campus in San Diego and prove how innovative technologies and solutions can be applied and have broader benefits for smart cities," said Kiva Allgood, Vice President, Business Development, Qualcomm Intelligent Solutions, Inc. "This project supports both companies' efforts to create an Internet of Things in which hundreds of billions of devices and machines intelligently connect to each other and securely make data available to facilities managers, application developers and system integrators around the world by combining Qualcomm Intelligent Solutions edge intelligent gateway data concentration capabilities with GE's Predix cloud."

Current's microservices will also arm Qualcomm Intelligent Solutions with actionable data to use in other applications over time, such as detecting unoccupied conference rooms or meeting areas to give employees immediate insights into which meeting rooms are available.

"This installation is a win not only for Qualcomm Intelligent Solutions and Current, but to businesses of all kinds looking to optimize environments with data-driven insights," says John Gordon, Current's Chief Digital Officer. "This installation will be a sandbox for businesses to experience the predictive and prescriptive benefits of digital technology and take back learnings and ideas to build their own intelligent environments."

The installation will connect Qualcomm Intelligent Solutions' edge intelligence gateways powered by Qualcomm Snapdragon processors to GE's Predix cloud, and makes the data pulled actionable, predictive and prescriptive.

About Qualcomm Incorporated

Qualcomm Incorporated (NASDAQ: QCOM) is a world leader in 3G, 4G and next-generation wireless

technologies. Qualcomm Incorporated includes Qualcomm's licensing business, QTL, and the vast majority of its patent portfolio. Qualcomm Technologies, Inc., a subsidiary of Qualcomm Incorporated, operates, along with its subsidiaries, substantially all of Qualcomm's engineering, research and development functions, and substantially all of its products and services businesses, including its semiconductor business, QCT. For more than 30 years, Qualcomm ideas and inventions have driven the evolution of digital communications, linking people everywhere more closely to information, entertainment and each other. For more information, visit Qualcomm's [website](#), [OnQ blog](#), [Twitter](#) and [Facebook](#) pages.

About GE

GE (NYSE:GE) is the world's Digital Industrial Company, transforming industry with software-defined machines and solutions that are connected, responsive and predictive. GE is organized around a global exchange of knowledge, the "GE Store," through which each business shares and accesses the same technology, markets, structure and intellect. Each invention further fuels innovation and application across our industrial sectors. With people, services, technology and scale, GE delivers better outcomes for customers by speaking the language of industry. www.ge.com

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