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Semtech LoRa-enabled Sensors Intelligently Monitor Operations of Smart Cities

In the LoRa Alliance™ IoT Pavilion, MWC Americas attendees learn about IoT use cases essential for optimizing the network infrastructure of municipalities

CAMARILLO, Calif., Sept. 07, 2017 (GLOBE NEWSWIRE) -- [Semtech Corporation](#) (Nasdaq:SMTC), a leading supplier of high performance analog and mixed-signal semiconductors and advanced algorithms, is driving the adoption of its LoRa® devices and wireless RF technology (LoRa Technology) to enable flexible, secure and low-cost Internet of Things (IoT) solutions and network infrastructure for smart cities to improve everyday lives of citizens through the enhancement of public services and spurring economic growth.

A photo accompanying this announcement is available at <http://www.globenewswire.com/NewsRoom/AttachmentNg/8c0219ca-bc80-4067-b0e0-54c2c7d121b7>

At Mobile World Congress (MWC) Americas, Semtech, a founding member and participating company on the board of directors for the LoRa Alliance™, is displaying smart cities applications that implement its LoRa Technology, including smart parking sensors and a smart safety lock in the LoRa Alliance Pavilion, booth number N260.

According to the Smart Cities Council, the global market for smart cities is projected to reach \$1.2 trillion by 2020, driven by the growing world population and the need for sustainable methods to accommodate over seven billion people on the planet. With an increased demand for smart cities technology solutions, thousands of LoRa-based sensors are expected to be embedded throughout a city to collect business intelligence to enrich citizens' lives. By leveraging Semtech's LoRa-based devices, smart cities are able to improve city-wide efficiencies in an endless number of IoT applications from expanding the payer base of a citywide parking system to detect garbage levels in containers to optimize the waste collection routes for efficiency and cost effectiveness.

"At MWC Americas, Semtech is demonstrating low-power LoRa-enabled sensors that can easily connect to a LoRaWAN™ network and wirelessly transmit data to a mobile app to improve the way we interact in society," said Vivek Mohan, Director of Wireless Products for Semtech's Wireless and Sensing Products Group. "With over 65 countries already deploying networks based on the LoRaWAN open specification, Semtech's LoRa Technology is the platform of choice for building IoT networks worldwide making our world a Smarter Planet with real-world use case applications."

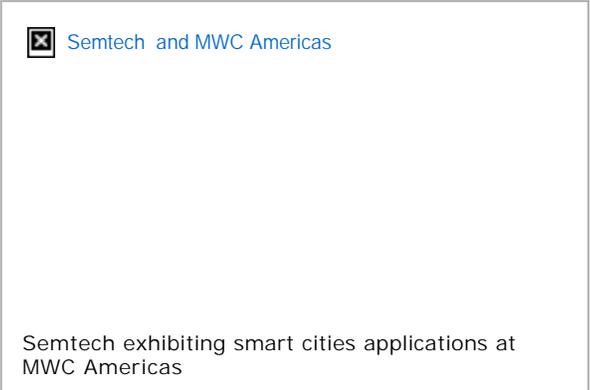
The [LoRa Alliance](#) IoT Pavilion is located at the Moscone Convention Center North Hall, N260. To schedule a meeting with Semtech, visit our [website](#). To learn more about how to leverage LoRa Technology to create an IoT network in smart cities, download Semtech's [smart cities white paper](#) and [application briefs](#).

About Semtech LoRa® Devices and Wireless RF Technology

Semtech's LoRa wireless RF technology is a widely adopted long-range, low-power solution for IoT that gives telecom companies, IoT application makers and system integrators the feature set necessary to deploy low-cost, interoperable IoT networks, gateways, sensors, module products, and IoT services worldwide. IoT networks based on the LoRaWAN™ open specification have been deployed in over 65 countries. To learn more about how LoRa enables IoT, visit Semtech's [LoRa site](#) and join the [LoRa Community](#) to access free training as well as an online industry catalog showcasing the products you need for building your ideal IoT application.

About the LoRa Alliance™

The LoRa Alliance™ is an open, non-profit association that has grown to more than 500 members since its inception in March 2015, becoming one of the largest and fastest growing alliances in the technology sector. Its members are closely collaborating and sharing their experience to promote the LoRaWAN™ protocol as the leading open global standard for secure, carrier-grade IoT LPWA connectivity.



 Semtech and MWC Americas

Semtech exhibiting smart cities applications at MWC Americas

With the technical flexibility to address multiple IoT applications, both static and mobile, and a certification program to guarantee interoperability, the LoRaWAN is already being deployed globally by major mobile network operators and is anticipated to widely expand in 2017.

About Semtech

Semtech Corporation is a leading supplier of high performance analog and mixed-signal semiconductors and advanced algorithms for high-end consumer, enterprise computing, communications, and industrial equipment. Products are designed to benefit the engineering community as well as the global community. The Company is dedicated to reducing the impact it, and its products, have on the environment. Internal green programs seek to reduce waste through material and manufacturing control, use of green technology and designing for resource reduction. Publicly traded since 1967, Semtech is listed on the Nasdaq Global Select Market under the symbol SMTC. For more information, visit www.semtech.com.

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The photo is also available at Newscom, www.newscom.com, and via AP PhotoExpress.

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