April 20, 2017

Semtech's LoRa Technology Revolutionizes Home Water Protection with Eddy Home

Adding sensors to Smart Homes is expected to provide improved water protection and reduced insurance rates

CAMARILLO, Calif., April 20, 2017 (GLOBE NEWSWIRE) -- Eddy Home, the award winning manufacturer of residential water technologies, has collaborated with Semtech Corporation (Nasdaq:SMTC), a leading supplier of analog and mixed-signal semiconductors, to introduce a leading Smart Home solution using LoRa® devices and wireless RF technology (LoRa Technology). The solution gathers comprehensive insights into a home's water usage and environment, providing subscribers immediate, real-time information if there is an issue.

Using LoRa Technology, a long-range, low-power wireless platform that enables the connectivity of Internet of Things (IoT) gateways and sensors, Eddy Home's water protection solution can protect a home around-the-clock from slow leaks, burst pipes, and other unforeseen circumstances. The Eddy H2O sensors can detect leaks, changes in humidity and temperature trends so the user is alerted when trouble arises through the My Eddy Home mobile and desktop application. The integrated solution will be available mid-2017.

Eddy Home's water protection solution currently has been installed in thousands of homes, resulting in savings of hundreds of thousands of dollars in home damage as many insurance providers offer reduced rates when a home is equipped with flood protection technology.

☒ Eddy Home and LoRa Sensors

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"We evaluated prevalent Smart Home IoT technologies and found them lacking, particularly with regard to range, connectivity, and battery life. With LoRa, our products now have significantly enhanced features that meet the needs of the market. Innovation in Smart Homes is the key towards Smart Infrastructure and Smart Cities, and we're thrilled to have found a technology provider in Semtech," commented Shawn Dym, President of Eddy Home.
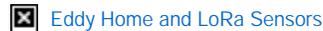
"In the past ten years, Smart Home technologies have evolved," said Vivek Mohan, Director of Marketing for Semtech's Wireless and Sensing Products Group. "LoRa Technology is an ideal solution for the Smart Home industry with its deep indoor penetration and low-power technology."

Key Features of LoRa Technology:

- **Long Range**: A single base station using LoRa Technology enables deep penetration capability for dense urban environments and indoor coverage, while also providing the ability to connect to sensors more than 15-30 miles away in rural areas.
- **Low Power**: The LoRaWAN™ protocol was developed specifically for low power and enables unprecedented battery lifetime of up to 20 years depending on the application.
- **Geolocation**: Enables tracking applications without GPS or additional power consumption.
- **Low Cost**: LoRa Technology reduces up front infrastructure investments and operating costs, as well as end-node sensor costs.
- **Open Standard**: The LoRaWAN protocol ensures interoperability among applications, IoT solution providers and telecom operators to speed adoption and deployment.

Resources

- To learn how LoRa enables IoT visit Semtech's **NEW** LoRa/IoT site.
- Engage with the **NEW** LoRa Community
- Contact Semtech's support team for technical support or general product inquiries.
- Sign up for Semtech's e-newsletter Inside Circuit for quarterly product updates.
- Follow Semtech on Twitter, LinkedIn, Facebook, and Google+.

About Eddy Home
Founded in 2015, Eddy Home Inc. is committed to helping homeowners control and conserve water usage by combining smart water sensing with the Internet of Things. Recently awarded the 2017 Most Innovative Product of the Year by EnerQuality, Eddy Home provides services to thousands of homes. For more details on Eddy Home's products or company information, please visit www.eddyhome.com

About Semtech
Semtech Corporation is a leading supplier of analog and mixed-signal semiconductors 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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Source: Semtech Corporation

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