



DSP Group and Sensory Introduce Voice-Controlled IoT Solution

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The Two Companies Offer First-of-Its-Kind Voice-Managed IoT (Internet of Things) Solution Leveraging ULE (Ultra Low Energy) RF Technology

LOS ALTOS, Calif., Jan. 6, 2015 (GLOBE NEWSWIRE) -- DSP Group®, Inc. (Nasdaq:DSPG), a leading global provider of wireless chipset solutions for converged communications, and Sensory, a leader in speech technologies for consumer electronics, announced today the joint development of a voice-activated home automation solution addressing the emerging world of IoT. The solution is based on DSP Group's ultra-low energy ULE platform and Sensory's TrulyHandsfree™ Voice Control 3.0, a small-footprint, noise-robust embedded speech recognition technology.

On the heels of a growing market demand for voice-enabled IoT systems such as voice communication, voice management and voice monitoring - DSP Group and Sensory have taken the proactive step of integrating Sensory's TrulyHandsfree with DSP Group's platform. The joint solution runs at extreme low power, allowing battery-operated voice activation and voice commands on IoT nodes, with DSP Group's DHX91 SoC running ULE communication between the nodes and the IoT home hub. The solution enables management of the house by voice with ultra-low power wakeup, and seamless voice commands which can be implemented either on the nodes or the hub, depending on the size of the vocabulary.

DSP Group's state-of-the-art DHX91 running ULE is the perfect solution to transfer captured voice from the node to the hub and then on to the cloud, where powerful Automatic Speech Recognition (ASR) and Natural Language Understanding (NLU) is implemented.

"We are excited to collaborate with Sensory on an innovative solution for the burgeoning IoT market," said Raz Kivelevich-Carmi VP of Marketing and Business Development at DSP Group. "We see a growing demand for voice-managed IoT system-solutions providing a more natural, always-on user interface. By combining two market leading technologies, our ULE-platform and Sensory's TrulyHandsfree, we've achieved outstanding results including robust range, extremely long battery life and excellent voice accuracy," he concluded.

"DSP Group's solutions offer low power and high-efficiency communication between battery-operated IoT nodes and the IoT hub, and makes good use of ULE for data and control and DECT for voice communication," said Bernard Brafman, Sensory's VP of Business Development. "Our TrulyHandsfree technology constantly listens at low power for a dedicated voice activation phrase. Then, it analyzes and responds to user voice commands said by the user, either both locally on the node, or on the hub by having the node send a HD captured voice over the air to the hub," he continued.

The joint DSP Group-Sensory solution will be demonstrated in DSP Group's suites at the Courtyard by Marriott Hotel, during CES 2015, January 6-9, Las Vegas.

About DSP Group

DSP Group®, Inc. (Nasdaq:DSPG) is a leading global provider of wireless chipset solutions for converged communications. Delivering semiconductor system solutions with software and hardware reference designs, DSP Group enables OEMs/ODMs, consumer electronics (CE) manufacturers and service providers to cost-effectively develop new revenue-generating products with fast time to market. At the forefront of semiconductor innovation and operational excellence for over two decades, DSP Group provides a broad portfolio of wireless chipsets integrating DECT/CAT-iq, ULE, Wi-Fi, PSTN, HDClear™, video and VoIP technologies. DSP Group enables converged voice, audio, video and data connectivity across diverse mobile, consumer and enterprise products – from mobile devices, connected multimedia screens, and home automation & security to cordless phones, VoIP systems, and home gateways. Leveraging industry-leading experience and expertise, DSP Group partners with CE manufacturers and service providers to shape the future of converged communications at home, office and on the go. For more information, please visit www.dspg.com.

About Sensory, Inc.

Sensory, Inc. is the leader in UX technologies for consumer products, offering a complete line of IC and software-only solutions for speech recognition, speech synthesis, speaker verification, vision and more. Sensory's products are widely deployed in consumer electronics applications including mobile, automotive, wearables, toys, and various home electronics. With its TrulyHandsfree™ voice control, Sensory has set the standard for mobile handset platforms' ultra-low power "always listening" touchless control. To date, Sensory's technologies have shipped in over half a billion units of leading consumer products. Visit Sensory at www.sensoryinc.com

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