Meeami Technologies Enables Optimized Far-Field Voice Algorithms for Amazon Alexa and Voice Recognition Applications

Meeami's ClearVoice voice enhancement software is now commercial-ready on the Qualcomm® Mesh Networking Platform and is being demonstrated by Qualcomm Technologies and Wistron NeWeb at this week's Consumer Electronics Show (CES)

Las Vegas, Nevada (Consumer Electronics Show 2018) and Santa Clara, CA – January 9, 2018 -- Meeami Tech, the leader in IP Communications and voice IoT, today announced that its industry leading and commercial-ready ClearVoice voice enhancement software solution is available to mesh networking manufacturers whose products are based on the Qualcomm Mesh Networking Platform. ClearVoice far-field algorithms vastly improve automatic speech recognition (ASR) for voice command and control user interfaces (UI), and artificial intelligence (AI) driven natural language processing (NLP) found in services such as Alexa Voice Services (AVS), Cortana and Google Assistant. The ClearVoice solutions will be on exhibit at CES in Qualcomm Technologies' booth (Central Hall, Booth #10948) as well as in Wistron NeWeb's demo room by appointment. Wistron NeWeb has developed a mesh networking product based on the Qualcomm Mesh Networking Platform which integrates the ClearVoice solution. Both ClearVoice demonstrations show AVS integration and voice activated IoT control for a range of home IoT applications.

ClearVoice is an advanced software solution for voice IoT applications that enables superior voice recognition in noisy environments and supports high-performance "barge-in" capability via patented far-field voice signal processing algorithms for multi-microphone beamforming, noise cancellation (NC) and suppression and acoustic echo cancellation (AEC). Using only 4 mics for reduced cost, ClearVoice's performance approaches that of the 7-mic Amazon Echo Dot, and handily beats competing 4-mic solutions. ClearVoice offers broad hardware platform support and highly optimized CPU and memory utilization for easy system integration with reduced cost and complexity. It supports arrays from 2 up to 8 or more microphones.

"Rapid advancements in cloud AI plus advanced cost-effective powerful local processing power has propelled AI assistants into the mainstream across a variety of IoT applications such as smart home, wearables, connected car, enterprise, and industrial," noted Doug Makishima, chief

operating officer for Meeami Tech. "This turn-key optimized solution, available now in the Qualcomm Mesh Networking Platform, is designed to enable OEMs to add high-quality voice UI ASR and voice AI assistant capability such as Amazon's Alexa, quickly and cost effectively to their products."

"Voice services are increasingly becoming a critical method of controlling the modern smart home," said Gopi Sirineni, vice president, product management, Qualcomm Technologies, Inc. "We are excited to work with innovative solution providers like Meeami Technologies to bring voice enhancement technology to the Qualcomm Mesh Networking Platform and enable the transformational consumer experiences voice services can deliver."

About Meeami Technologies

Meeami Technologies, a spin-off of the former media processing and real-time communications group of Imagination Technologies, is the recognized leader in IP Communications and Voice IoT technology platforms for voice, video and messaging applications. To see how Meeami is helping top-tier OEM, IC and carrier customers, with embedded software, mobile apps and end-to-end communications solutions, see www.meeamitech.com**.**

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Contact

Doug Makishima
Chief Operating Officer
Meeami Technologies
Tel: +1.925.271.5820
Email: doug@meeamitech.com