

Meeami Technologies Enables Optimized Voice Recognition for Amazon Alexa Voice Services (AVS) and Internet of Things (IoT) Applications

Meeami's ClearVoice voice enhancement software integrated and now optimized on the Qualcomm Technologies Wi-Fi router platform is being demonstrated at this week's Mobile World Congress (MWC)

Barcelona, Spain (MWC 2017) and Santa Clara, CA – February 27, 2017 -- [Meeami Tech](#), the leader in IP Communications and voice IoT, today announced integration and optimization of Meeami's industry leading ClearVoice voice enhancement software solution on the Wi-Fi router platform (IPQ40x8) from Qualcomm Technologies, a subsidiary of Qualcomm Incorporated. ClearVoice vastly improves 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 AVS, Cortana and Google Assistant. The joint demonstration shows ClearVoice-powered 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 far-field and noisy environments via patented voice signal processing algorithms for multi-microphone beamforming, noise cancellation (NC), acoustic echo cancellation (AEC) and automatic gain control (AGC). ClearVoice offers broad hardware platform support and highly optimized CPU and memory utilization for easy system integration with reduced cost and complexity. It supports single microphone and arrays from 2 up to 8 or more microphones.

“Rapid advancements in AI, local processing power and cloud-based machine learning has propelled the use of NLP and voice as a user interface into the mainstream across a variety of IoT applications such as smart home, wearables, connected car, enterprise, and vertical and industrial,” noted Doug Makishima, chief operating officer for Meeami Tech. “This turn-key optimized solution, integrating Qualcomm Technologies solutions will 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.”

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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