



“We are delighted with the high-performing noise suppression technology from OmniSpeech. Dr. Espy-Wilson and the development team worked closely with our team to help create the technology for our two-way noise-free calls for our state-of-the-art headset. We look forward to exploring other opportunities with OmniSpeech across our line of headset and TWS products.”





VP of Engineering, Audio Wearables Company



OmniSpeech

As voice applications continue to gain popularity in markets like video conferencing, virtual assistants, IoT and consumer electronics, there is a growing demand for more accurate AI-based voice technologies. OmniSpeech improves enterprise and consumer experiences through its AI speech extraction technology. This technology can effectively eliminate background noise and improve voice intelligibility for any application or device. Leveraging Intel® hardware and the Intel® Distribution of OpenVINO™ toolkit framework, OmniSpeech has further improved latency on the next-gen AI algorithms. The result is compact AI algorithms that deliver high performance while reducing the total cost of ownership. By offering compact AI models embedded in small-CPU Intel® Core™ processors, OmniSpeech enhances voice clarity across a wide range of hardware and software configurations, including wireless headsets, battery-powered devices, and single- or multi-mic solutions.

Creating Reliable AI Voice Experiences on any App or Device

Key Features				
	Background Noise Suppression	Real-Time Voice Processing	Seamless API Integration	Edge & Cloud Deployments

- Intel Products and Technologies**
- [Intel® Core™ Processors Product Page](#)
 - [Intel® Optimization for TensorFlow Product Page](#)
 - [Intel® Distribution of OpenVINO™ Toolkit Product Page](#)

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| <p>Verticals:</p> <ul style="list-style-type: none"> ▪ Consumer Electronics ▪ Retail ▪ Transportation ▪ Government | <p>Use Cases:</p> <ul style="list-style-type: none"> ▪ Interactive Media ▪ Audio Scene Detection ▪ VoIP Communication ▪ Automatic Speech Recognition | <p>Country/Geo:</p> <ul style="list-style-type: none"> ▪ Worldwide | <p>Learn more:</p> <ul style="list-style-type: none"> ▪ OmniSpeech Website ▪ OmniSpeech & Intel Press Release ▪ OmniSpeech Intel® Solutions Marketplace Page |
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