

ROOBO and Nuance to Deliver Conversational AI Robots Globally

ROOBO to leverage the Nuance Mix platform to integrate voice and natural language capabilities into service and educational robots

BURLINGTON, Mass. – November 16, 2016 – Nuance Communications, Inc. (NASDAQ: NUAN) today announced that [ROOBO](#) will be leveraging the [Nuance Mix NLU development platform](#), which provides voice and natural language (NLU) capabilities, to create conversational and cognitive interfaces for ROOBO robots and devices. Additionally, Nuance and ROOBO will be collaborating on future integrations of advanced Artificial Intelligence (AI) to advance conversational interfaces for intelligent IoT devices. ROOBO's current integration of Nuance's voice capabilities will be showcased at the [China Hi-Tech Fair in Shenzhen](#).

Based in Beijing, China, ROOBO is a global platform for the incubation and distribution of intelligent hardware and software through open platforms for AI and robotics, including the recently launched Domgy and Pudding consumer robots. These robots integrate Nuance's voice recognition, NLU and text-to-speech – giving them the ability to listen, understand and respond, and ultimately create a more human connection through a conversational interface.

ROOBO will initially integrate Nuance Mix as part of its open robotics and AI platforms, providing developers with access to voice recognition, NLU, text-to-speech, wake-up word, voice biometrics and signal enhancement capabilities – making possible a customizable end-to-end conversational interface. Nuance Mix leverages AI to enable ROOBO apps and services to quickly and easily understand inquiries and deliver outcomes, be it information, content or task completion.

Nuance Mix gives ROOBO and its developer ecosystem the ability to create customized language models that provide a domain-specific conversational interface – because no two robots will be the same. The language and needs of an educational robot are very different from the needs of a smart home personal robot. Through Deep Learning and data-driven AI, Nuance Mix gives robots the ability to quickly expand their vocabulary and their breadth of understanding – learning along the way just as humans do through the application of both speech and contextual data.

“We see incredible opportunity for robots to create deep and personal experiences for people through the application of human language and gesture. Nuance's expansive portfolio of voice and cognitive technologies brings our robots to life with the ability to listen, understand, speak and deliver outcomes that keep people entertained, informed, productive and delighted,” said Fangming Yin, co-founder and President of ROOBO.

“Nuance and ROOBO have a shared vision for the relationship between people and technology – that it will be simple, effortless and driven by the ability to converse and interact organically,” said Kenn Harper, vice president of Emerging Solutions, Nuance Mobile. “Mix gives developers like ROOBO the ability to quickly create and scale language models that have the ability to expand overtime through data-driven AI and machine learning in more than ten languages. The result? Robots that talk to us just the way we would to each other.”

Nuance Mix is Nuance's voice and NLU platform that leverages AI to gives OEMs, service providers and developers the ability to create and customize voice interfaces that ultimately deliver a more human conversation with technology. Nuance Mix provides tools and support for the integration of wake-up word, voice recognition, text-to-speech, NLU, voice biometrics, and conversational dialog, making it possible for developers to build highly specialized and intelligent interfaces. Nuance Mix also gives developers access to the data they

need to further enhance and customize the user experience.

Visit [Nuance Mix on Nuance.com](https://www.nuance.com/mix) to learn more.

About Nuance Communications, Inc.

Nuance Communications, Inc. is a leading provider of voice and language solutions for businesses and consumers around the world. Its technologies, applications and services make the user experience more compelling by transforming the way people interact with devices and systems. Every day, millions of users and thousands of businesses experience Nuance's proven applications. For more information, please visit www.nuance.com.

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About ROOBO

Established in 2014, ROOBO is a global platform for incubation and distribution of intelligent hardware and software. ROOBO has also been focusing on developing industry-leading AI and robot OS (roobo AI+OS). Headquartered in Beijing, China, ROOBO operates globally with subsidiaries in Shenzhen, Suzhou, Chengdu, Seoul, Moscow and Seattle.

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