



Bringing technology to life

About XMOS

XMOS opens the door to a more natural conversation with technology.

We're a fabless semiconductor company backed by some of the best names in high tech venture capital. With a 10-year pedigree in Hi-Res and multichannel USB audio, we're at the forefront of the far-field voice interface market, with the most qualified, most comprehensive range of solutions.

We provide easy to implement, turnkey solutions for manufacturers who want to embed a voice interface into everyday devices. Our hardware and software solutions deliver far-field voice capture with close range precision - even in noisy environments, when music's playing from the device. Which means more people get the answer they're looking for from their Voice Assistant.

Headquartered in the UK, we have offices across Asia and the United States.

Key facts



First to announce a far-field voice interface for under a dollar (\$0.99).



First to win Amazon AVS qualification for a far-field linear development kit.



Pioneers in human-sensing capabilities leveraging our xCORE-AI platform.



Significant intellectual property with 96 global hardware and algorithm patents.



Global team of field engineers deliver expert on-site client support.

Recent customer implementations



Pillo Health – the intelligent home health companion robot

"We discovered XMOS through Amazon. We tested the XMOS voice processor against other solutions on the market and it outperformed them all for clarity, accuracy, distance and direction. The voice capture element of our design is critical to the success of Pillo and that's something XMOS understood from the start. A great partner and collaborator." [Nathaniel Gaskin, Pillo Health](#)



Magenta – Deutsche Telekom's intelligent speaker for connected living

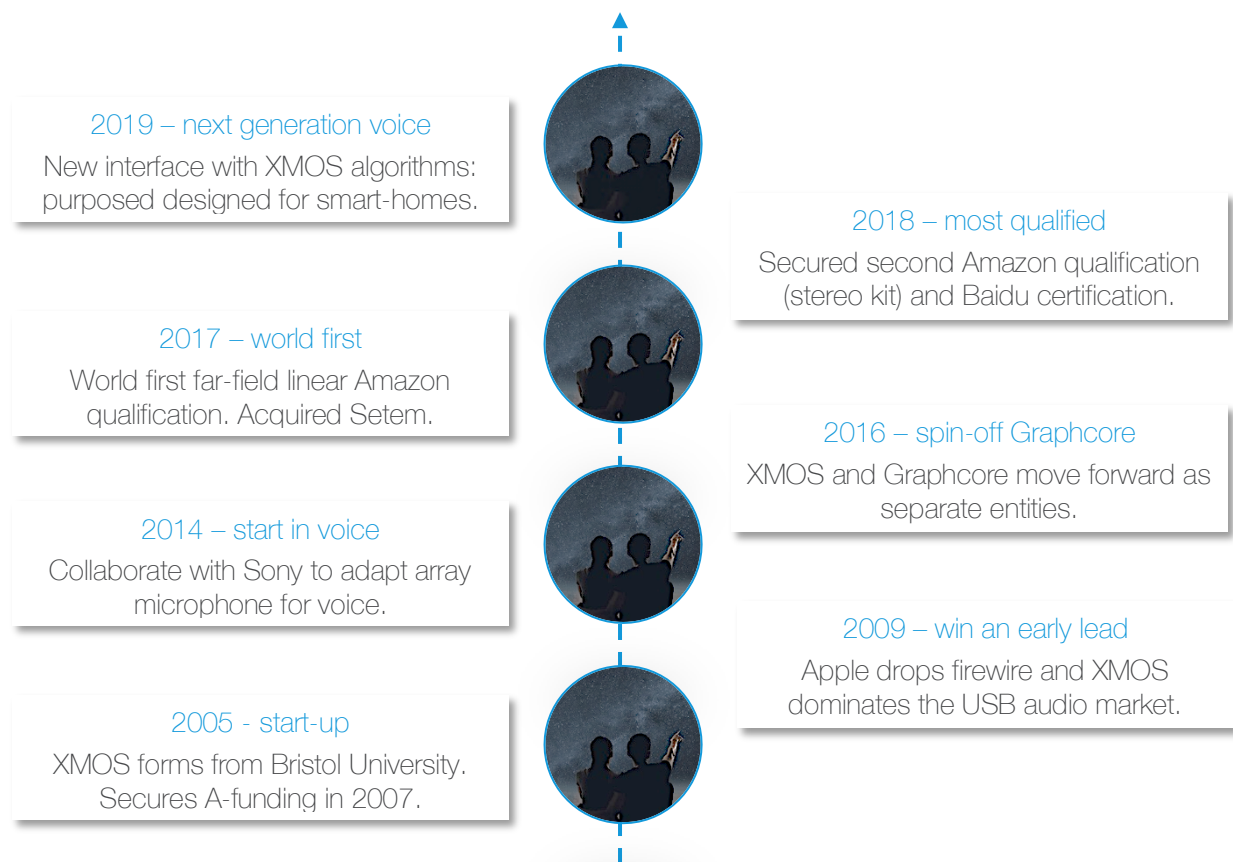
"We're proud to be part of the Magenta project. Our combined expertise has produced a class-leading user experience with sophisticated speech recognition. We look forward to further collaborations with Fraunhofer IDMT in Oldenburg." [Mark Lippett, XMOS](#)



Tymphany – an Alexa built-in soundbar

"We are proud of our team's efforts to realize this complex, ground-breaking and great performing soundbar reference design. We would not have been able to achieve this milestone without the awesome support of the Amazon Alexa Voice Service and XMOS development teams." [Chris von Hellermann, Tymphany](#)

Company timeline



About our technology

We have the world's most qualified, most comprehensive portfolio of far-field voice processors. Our VocalFusion range provides high-performance far-field voice capture thanks to our sophisticated digital signal processing (DSP). It's easy to integrate into existing products and will connect to all automatic speech recognition (ASR) services.

Our approach to multi-core, highly parallel stream processing enables our software team to develop highly efficient “at the edge” intelligent sensor applications. Today, we deliver best in class voice capture – detecting voice commands accurately, from across the room. Tomorrow, our edge-AI silicon will enable delivery of the most natural and accessible human machine interfaces for everyone, everywhere.



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Mark Lippett
Chief Executive Officer



Mark Lippett is CEO and President of XMOS.

Before being named CEO of XMOS in July 2016, Mark was its Chief Operating Officer, playing a key role in the strategic shift from premium audio to embedded voice interface solutions, bringing a major growth opportunity to the business.

During his 12-year tenure at XMOS, Mark also held the post of Vice President Engineering, responsible for the company's worldwide silicon, applications and software development activities.

Prior to joining XMOS, Mark was Chief Technology Officer for Ignios responsible for developing silicon and software solutions to manage compute and memory resources on multiprocessors.

Previous to that, Mark held engineering and marketing roles at Texas Instruments and Lucent.

Mark earned an MEng in Electrical and Electronic Engineering from the University of Surrey and an MBA from Henley Management College.

Mark says of XMOS "We've built a team of world class talent at XMOS and I'm extremely proud to be leading the company into its next phase of growth. We've proved that we have the creativity, courage and horsepower to identify and capture new market opportunities. Today, we deliver best in class voice capture – detecting voice commands accurately, from across the room. This is just the start. We're already working on how we can harness edge-AI with voice and other sensors to transform the voice experience. Presence detection and context awareness will create natural interactions with technology for everyone, everywhere. The future's exciting."