

## **VoiceSense: the latest addition to Dynamic Hearing's ATLAS range**

*A high-end solution for headset manufacturers seeking better performance in noise*

**January 5<sup>th</sup> 2009.** Dynamic Hearing, the leading supplier of DSP software for Bluetooth headsets, today announced the release of the VoiceSense DSP software package at the International Consumer Electronics Show (CES). VoiceSense is the latest enhancement to Dynamic Hearing's broadly deployed ATLAS solutions on the CSR BlueCore5-Multimedia platform. VoiceSense strengthens Dynamic Hearing's product range by introducing DSP which uses psycho-acoustic management of masking noise and multiple microphones to further improve the naturalness of the headset user's voice.

When two or more microphone inputs are used, VoiceSense applies a novel blend of source separation, beamforming and noise cancellation techniques to extract the voice from the surrounding real world noise, and situations, such as windy or reverberant locations. The advantage of this technology is particularly apparent in high noise levels, where the current generation of headsets has limited performance.

"VoiceSense is the result of collaboration between engineers and audiologists, who over 10 years have worked to understand what people need in headsets, and what is consistent with good hearing health and safety" said Elaine Saunders, Chief Executive Officer at Dynamic Hearing. "Initial implementations have already exceeded my expectations of its performance. Our previous products have attracted positive reviews and given strong user satisfaction. I expect VoiceSense to deliver similar results."

Dynamic Hearing's scientifically developed suite of DSP-based algorithms can be customized for headset manufacturers (including OEM's and ODM's) seeking differentiation solutions and offers the opportunity to be integrated with advanced acoustic or cosmetic design features. The algorithm suites are also available as DSP turn key solutions for rapid product development and release.

With millions of products already sold, Dynamic Hearing considers best- in- class power consumption; high quality sound; and healthy hearing in the development of new features that help customers in all regional markets hear speech more accurately on their calls. Continued investment in new developments will further improve the communication experience, so that the caller and the person called can comfortably, effortlessly, and safely communicate in noisy places.

## **About Dynamic Hearing**

Dynamic Hearing Pty Ltd, headquartered in Melbourne, Australia, provides advanced digital signal processing solutions for personal communication devices as embedded software. All technology developed by Dynamic Hearing is designed to enhance the experience of sound for listeners in any environment, providing them with greater mobility and improved lifestyle.

The company is focused on rapid product development, scientific validation and sound commercial partnership. Visit [www.dynamichearing.com.au](http://www.dynamichearing.com.au).

## **For More Information**

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