

Ubicom Chooses Global IP Sound To Create a Resilient Voice-over-IP Platform for the Embedded Market

Chips and Software Work Together To Make VoIP Calls Clear and Reliable

2007 INTERNATIONAL CES, LAS VEGAS – Jan. 8, 2007 – Ubicom®, Inc., a leading provider of communications processor and software solutions, announced today that Global IP Sound (GIPS) software can be used with the Ubicom StreamEngine 5000™ processor to build Internet voice gateways. People may use these gateways to make clear calls even when the network is busy.

Applications such as email, Web browsing, file and photo sharing, and downloading music must share the Internet connection with voice-over-IP (VoIP) calls. They can cause Internet connections to become congested when they are used at the same time. This congestion is the reason why many VoIP calls are dropped or have poor sound quality.

"Broadband service providers are concerned that peer-to-peer file sharing is causing problems with their VoIP service," said Keith Morris, vice president of marketing at Ubicom. "Service providers are eager for technologies that let subscribers use their broadband connections for both accessing the Internet and making calls reliably."

Ubicom's StreamEngine® technology gives voice calls priority on the Internet connection, even when the connection is running at full speed. The Ubicom processor is multithreaded which means that processing power can be reserved for making calls. The processor also has special instructions for digital signal processing (DSP). These instructions are used to turn packets into voice very efficiently.

"We are excited to be working with Ubicom and to be able to offer to the market a product designed specifically to address the needs for high-quality voice processing," said Wendy Toth, vice president of marketing at Global IP Sound. "The combined Ubicom and GIPS solution will allow users to enjoy clear sound and reliable connections regardless of network conditions."

Global IP Sound's software includes patented technologies that deliver superior voice quality even when voice data is lost or delayed on the network. This includes NetEQ, an adaptive jitter buffer and error concealment module that dramatically improves sound quality while minimizing latency for IP telephony systems. The Ubicom software development kit (SDK) includes GIPS technology as part of the self-contained ipVoice™ software module. This module also features G.711, G.729AB and G.726 codecs, and subscriber line interface drivers.

Pricing and Availability

ipVoice is in beta testing with early access partners. It will be available as an extension to Ubicom's SDK 7.4 version in the first quarter of 2007. Pricing is available on request.

About Global IP Sound

Founded in 1999, Global IP Sound develops embedded voice processing technologies for real-time communications over packet networks. GIPS SoundWare™ provides better than PSTN voice quality and fidelity in end-to-end IP communications with robustness against packet loss. Global IP Sound's world-renowned speech processing and IP telephony experts deliver these solutions to applications developers, gateway and chip manufacturers. Companies using GIPS SoundWare™ products include Nortel Networks, Skype, Yahoo!, Samsung, WebEx, AOL, EarthLink and other key players in the VoIP market. Global IP Sound is a member of the Intel® PCA Developer Network, the Motorola Design Alliance, Symbian Platinum Partners and Texas Instruments' third party developer network. Global IP Sound has headquarters in San Francisco and offices in Stockholm, Hong Kong and Boston. More information is available at www.globalipsound.com.

About Ubicom, Inc.

Ubicom develops communications and media processor (CMP) and software platforms that address the unique demands of real-time interactive applications and multimedia content delivery in the digital home. The company provides optimized system-level solutions to OEMs for a wide range of products including wireless routers, access points, VoIP gateways, streaming media devices, print servers and other network devices. Ubicom's unique multithreaded processor design, real-time operating system, and application-level solutions combine to ensure a high-quality user experience with unprecedented ease of use. Ubicom is a venture-backed, privately held company with corporate headquarters in Sunnyvale, California. For more information, visit www.ubicom.com.

NOTE: Ubicom, StreamEngine, StreamEngine 5000 and ipVoice are trademarks of Ubicom, Inc. All other trademarks are the property of their respective holders.

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