

# Lockheed Martin And Adaptive Digital Technologies Sign Marketing Agreement For Vocoder Technology

*Companies to collaborate to deliver ultra-low rate voice coding technology to the VoIP Market*

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Lockheed Martin and Adaptive Digital Technologies have signed an agreement to introduce Lockheed Martin's voice compression technology Time Domain Voicing Cutoff (TDVC) to commercial markets. TDVC is a robust speech-coding algorithm that delivers superior voice quality, while operating at much lower bit rates than standard voice codecs of comparable quality. TDVC is highly suitable for voice over Internet protocol (VoIP) wireless communications as well as other markets.

"Through joint marketing, development and distribution, we look forward to working with Adaptive Digital to provide advanced voice compression technology," said Larry Easton, Director of Lockheed Martin Information Systems and Global Services-Defense's Ventures organization. "Adaptive Digital's expertise in all facets of voice communications offers us an opportunity to bring our TDVC technology to a wider set of customers and applications."

Lockheed Martin's TDVC vocoder was originally developed for military applications where it provided a much-needed low bandwidth, high voice-quality coding scheme to combat harsh communication environments. TDVC is expected to find the same success in the commercial communication arenas due to the continuing need for more bandwidth to accommodate the increasing number of users and data.

"I anticipate this technology being ported across many platforms and not only wireless and VoIP but eventually leveraged into wideband applications," said Brian McCarthy, president of Adaptive Digital Technologies. "TDVC is a codec that will give wireless and IP communication service providers the means to minimize bandwidth demand while continuing to provide the high quality of service their customers expect."

Adaptive Digital is a leading developer and provider of Digital Signal Processing (DSP) algorithms and custom solutions for VoIP, telephony, audio, and video applications. Recognized internationally for its world class, carrier-grade G.168 echo cancellation, and first-rate voice communication software, Adaptive Digital's customers include British Telecom, Cisco Systems Inc., Cantata Technology, Digium®, General Dynamics, Motorola, Northrop Grumman, Sonus, and Texas Instruments. Adaptive Digital is a member of ARM's Connected Community, ARM's Solution Center for Android (SCA), and boasts twelve years as a strategic member of Texas Instruments' Third Party Developer Network.

Headquartered in Bethesda, Md., Lockheed Martin is a global security company that employs about 140,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services. The Corporation reported 2009 sales of \$45.2 billion.

For additional information, visit our website: <http://www.lockheedmartin.com/>

For more information concerning Adaptive Digital Technologies, visit <http://www.adaptivedigital.com/> or call 610-825-0182 x120

First Call Analyst:  
FCMN Contact:

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