ViXS Systems Integrates the Cryptography Research CryptoFirewall into XCode(R) 4000 System-On-Chip Media Processors

Tamper-resistant hardware core enhances security capabilities in XCode(R) 4000 products to enforce digital content protection rights in set-top boxes and other audio and video consumer devices

San Francisco, September 9, 2009 - Cryptography Research, Inc. today announced that ViXS Systems Inc., a leading developer of video processing solutions, will integrate the Cryptography Research CryptoFirewallTM security technology into its leading-edge media processing system-on-chip (SoC) products starting with its recently announced XCode(R) 4000 family. The XCode(R) 4000 family of SoCs is designed to manage, process and securely distribute high definition audio and video content throughout the home and across advanced audio and video consumer devices.

Launched at IBC 2009, the XCode(R) 4000 family of media processing SoCs are already being designed into products for a number of consumer electronics and broadcast markets, including set-top boxes, Blu-ray players, HDTVs, Portable Media Players (PMP), Network Attached Storage (NAS) devices, DVD recorders and PC video products. A common requirement for all these applications is the need to protect and secure high-value studio content from piracy.

"We are very pleased to have the CryptoFirewall technology as part of our extensive security offering in the XCode(R) 4000 services of SoCs," said Sally Daub, CEO and president of ViXS Systems. "ViXS has been working with the leading security providers and content protection organizations across all generations of its XCode(R) series of products. Our products are designed to enable the secure delivery of content, including advanced hardware support for moving secure content across devices and protection mechanisms. The addition of Cryptography Research's CryptoFirewall technology is an important part of our focus on security and ensures that ViXS maintains a leadership position in content protection and security."

In addition to the many security features already implemented in the XCode(R) 4000 family of SoCs, the CryptoFirewall core adds a robust security block that can be utilized in conjunction with existing security and digital rights management (DRM) systems that exist today in the XCode(R) 4000 family. The CryptoFirewall technology is a self-contained hardware security core specifically architected to protect cryptographic keys in the SoC from piracy attacks even if the surrounding components or security elements are compromised. The CryptoFirewall core directly integrates tamper-resistant hardware into the SoC, and is designed to complement existing conditional access (CA) systems.

"ViXS has developed a very innovative suite of SoC products and is an emerging powerhouse for advanced audiovisual semiconductors," said Paul Kocher, president and chief scientist at Cryptography Research. "We are pleased to partner with ViXS to offer the CryptoFirewall solution to the XCode(R) 4000 product family."

For any inquiries about ViXS please visit http://www.vixs.com or email sales@vixs.com

About ViXS Systems, Inc.
ViXS Systems Inc. is a multimedia solutions innovator providing technologies for processing, managing, securing and distributing high quality video and audio allowing seamless multimedia control, conversion, and connectivity between any class and size of digital entertainment device.

ViXS Systems supplies advanced System-on-a-Chip semiconductors, software solutions

and hardware reference designs for the world's top manufacturers of Digital TVs, DVDs, Set-top boxes, Personal Video Recorders, PCs, Network Attached Storage devices, Residential/Home Gateways and Blu-Ray players/recorders.

ViXS Systems is a leading fabless semiconductor company headquartered in Toronto, Canada with global operations and offices in Europe, Asia and North America. ViXS has filed more than 250 patents worldwide with over 60 patents being issued to date. Listed as one of the Deloitte's fastest growing North American companies, ViXS is setting new standards in the way digital entertainment is viewed and transmitted across an endless array of multimedia products.

About Cryptography Research, Inc.
Cryptography Research, Inc. develops and licenses technology to solve complex security problems. In addition to security evaluation and applied engineering work, the company is actively involved in long-term research and technology licensing in areas including content protection, tamper resistance, network security and financial services. Over 4 billion security chips are made each year with technology licensed from Cryptography Research, and security systems designed by Cryptography Research engineers protect more than USD 100 billion of commerce annually for wireless, telecommunications, financial, digital television, entertainment, and Internet industries.
For additional information please visit http://www.cryptography.com