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## **Cryptography Research Signs License Agreement With EchoStar for CryptoFirewall™ Security Technology to Combat Piracy**

*Leading TV Technology Provider to Deploy Tamper-Resistant Security Core*

SAN FRANCISCO--(BUSINESS WIRE)-- Cryptography Research (CRI), a division of Rambus Inc. (NASDAQ:RMBS), today announced a license agreement with EchoStar Technologies L.L.C., a subsidiary of EchoStar Corporation (Nasdaq: SATS), to adopt the [Cryptography Research CryptoFirewall™](#) security core for use with EchoStar set-top box technologies to protect against TV signal theft.

"We are committed to the strongest and most advanced security solutions, and pleased to be integrating the CryptoFirewall core into our future set-top box platforms," said Dave Kummer, Chief Technology Officer at EchoStar. "Cryptography Research's technologies have an excellent reputation for securing content, and the CryptoFirewall core complements and reinforces the technologies utilized by our conditional access partners."

The CryptoFirewall core is a self-contained ASIC security core that provides a secure hardware foundation for signal security applications. The core is designed to protect cryptographic keys and computations within a chip even if surrounding components are compromised. The CryptoFirewall core is integrated directly into leading video decoding systems-on-a-chip, providing a robust and cost-effective solution that is complementary with hardware and software-based conditional access solutions.

"We are honored that EchoStar has selected the CryptoFirewall core as part of its comprehensive and robust portfolio of security tools to prevent piracy and signal theft," said Paul Kocher, president and chief scientist at Cryptography Research. "EchoStar continues to deploy strong, proven security technology across the hardware and software level, and this announcement demonstrates their continued commitment to providing a secure distribution channel for high value content."

For additional information on Cryptography Research or on the CryptoFirewall product, visit [www.cryptography.com](http://www.cryptography.com).

### **About EchoStar**

EchoStar Technologies L.L.C. is a wholly owned subsidiary of EchoStar Corporation (NASDAQ: SATS), a premier global provider of satellite operations and video delivery solutions. EchoStar's wholly-owned subsidiary, Hughes, is the world's leading provider of satellite broadband services, delivering network technologies and managed services for enterprise and government customers in more than 100 countries.

Headquartered in Englewood, CO, with additional business units world-wide, EchoStar is a multiple Emmy award-winning company that has pioneered advancements in the set-top box and satellite industries for over 30 years, consistently delivering value for customers, partners and investors through innovation and outstanding quality. Over the last three decades EchoStar's contribution to video technology has had a major influence on the way consumers view, receive and manage TV programming.

EchoStar's consumer solutions include HughesNet®, North America's #1 high-speed satellite Internet service, Sling Media's Slingbox products, and EchoStar's line of advanced digital video set-top box products for the European free satellite and terrestrial viewer markets.

### **About Cryptography Research, Inc.**

Cryptography Research, Inc. (CRI), a division of Rambus Inc. (NASDAQ: RMBS), is a leader in semiconductor security research and development. Established by internationally renowned cryptographer Paul Kocher, CRI develops and licenses innovative technologies in areas including tamper resistance, content protection, anti-counterfeiting, network security, and financial services. Over seven billion security products are made each year under license from CRI. Security systems designed by CRI scientists and engineers protect hundreds of billions of dollars in commerce annually. Additional information is available at [www.cryptography.com](http://www.cryptography.com).

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