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## Rambus Cryptography Research Unveils Latest Release of DPA Workstation Analysis Platform

*Optimized for ease of use and productivity to help identify vulnerabilities to side-channel attacks*

SUNNYVALE, Calif.--(BUSINESS WIRE)-- [Rambus Inc.](#) (NASDAQ:RMBS) today announced the release of the DPA Workstation 8 analysis platform, featuring an extensive upgrade to the workstation software and user interface for enhanced system performance and usability in ASIC and FPGA side-channel vulnerability testing. Designed to test and analyze hardware and software cryptographic implementations, and to determine vulnerabilities to power and electromagnetic side-channel attacks, DPAWS enables customers to quickly and easily identify and address potential security flaws in tamper-resistant systems and SoCs.

"As the value of data continues to increase, many players in the security industry are taking action to protect their devices from the threat of side-channel attacks," said Martin Scott, senior vice president and general manager of the Security Division at Rambus. "By using DPA Workstation 8 to analyze and test a device, customers are able to quickly and easily assess any vulnerabilities that an FPGA, ASIC, CPU or microcontroller may have to side-channel analysis, and address them with confidence in their results."

DPA is a powerful tool attackers use to extract secret keys and compromise the security of tamper resistant devices. It is a side-channel attack that is extremely effective, using variations in the electrical power consumption, or EM emissions, of targeted devices to breach security using statistical methods to derive secret keys from crypto algorithms.

DPA Workstation 8 is a powerful and flexible side-channel analysis platform that features an integrated suite of hardware and data visualization software, aiding in the identification and understanding of vulnerabilities in cryptographic chips. The workstation features a brand new integrated analysis application that includes:

- | A project library manager to aid in the rapid analysis of collected data by delivering an integrated view of multiple data sets, scripts and analyses;
- | An all new powerful trace display with an intuitive interface for easy analysis; and
- | Integrated scripting modules for MatLab and Python to allow for easier analysis and increased productivity.

New features are covered in a comprehensive integrated help utility complete with numerous tutorials and examples. To learn more about the DPA Workstation analysis platform and other DPA Countermeasure solutions, visit [rambus.com/dpaworkstation](http://rambus.com/dpaworkstation).

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### About Rambus Cryptography Research

The Rambus Cryptography Research division is dedicated to providing a secure foundation for a connected world. Our innovative technologies span areas including tamper resistance, content and media protection, network security, and secure payment and transaction services. These technologies protect nearly nine billion licensed products annually, providing secure access to data and creating invaluable trust between our customers and their customer base. Additional information is available at [rambus.com/security](http://rambus.com/security).

### About Rambus Inc.

Rambus creates cutting-edge semiconductor and IP products, spanning memory and interfaces to security, smart sensors and lighting. Our chips, customizable IP cores, architecture licenses, tools, services, training and innovations improve the competitive advantage of our customers. We collaborate with the industry, partnering with leading ASIC and SoC designers, foundries, IP developers, EDA companies and validation labs. Our products are integrated into tens of billions of devices and systems, powering and securing diverse applications, including Big Data, Internet of Things (IoT), mobile, consumer and media platforms. At Rambus, we are makers of better. For more information, visit [rambus.com](http://rambus.com).

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