



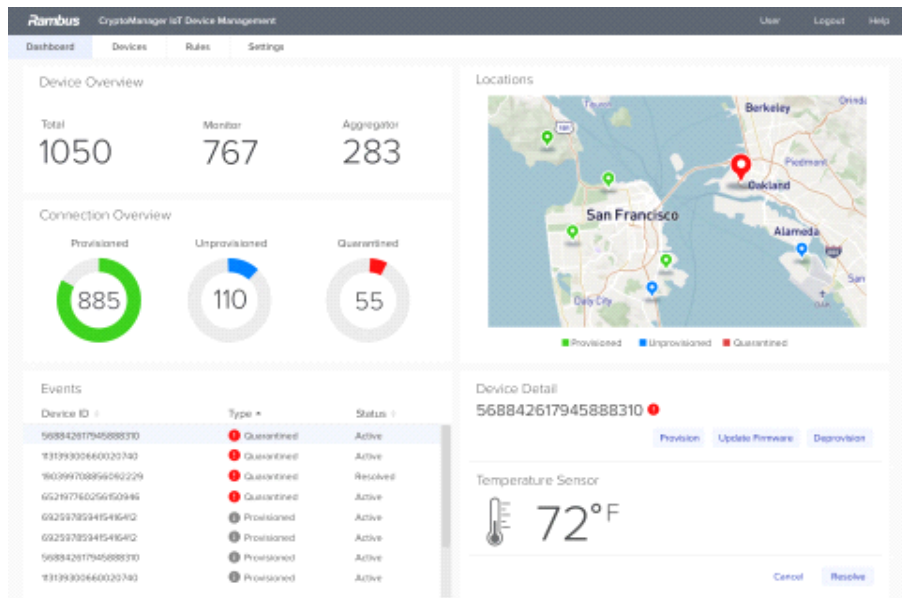
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## Rambus Launches Turnkey Secure Connectivity with CryptoManager IoT Device Management

*In-field IoT security service built for leading cloud platforms enables easy and broad adoption*

SUNNYVALE, Calif.--(BUSINESS WIRE)-- Today [Rambus Inc.](#) (NASDAQ: RMBS) announced the launch of its turnkey [IoT Device Management](#) service as part of its CryptoManager™ platform. Designed to work with leading IoT platforms and cloud service providers, the trusted service provides seamless secure connectivity for Internet of Things (IoT) devices along with in-field monitoring and provisioning. Rambus IoT Device Management delivers secure out-of-the-box connectivity to IoT service providers and device manufacturers, while mitigating a variety of attacks and risks, including Distributed Denial of Service (DDoS).

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"With the billions of anticipated IoT devices, security is fundamental to ensuring uninterrupted connectivity," said Martin Scott, senior vice president and general manager for the Rambus Security Division. "This service enables us to extend the benefits of our CryptoManager platform in-field with pre-integrated keys in connected devices. We are excited to team with Qualcomm Technologies to showcase this platform and service."

Rambus will be at IoT World 2017, in booth #506, demonstrating a smart city application featuring the Qualcomm® Snapdragon™ 820 processor and QCA4010 Wi-Fi® chip connected to an IoT cloud service using a protected link.

Rambus CryptoManager™ IoT Device Management Dashboard (Graphic: Rambus)

Rambus is able to provide a comprehensive solution that helps customers deploy devices into the IoT ecosystem with robust protection against cyber attacks," said Jesse Seed, director, product management, Qualcomm Technologies, Inc. "This new IoT Device Management service is a simple and security-rich platform designed for a variety of entities including service providers and device manufacturers. Rambus has a long history of security and cryptography, making this solution a great fit to deliver IoT security services across the industry."

"By tapping the hardware-based security features in Qualcomm Technologies' chips,

### Mitigating DDoS Attacks with CryptoManager IoT Device Management

By offering strong device authentication and device-to-cloud secure connection, Rambus IoT Device Management protects high availability of service and helps mitigate DDoS attacks. Rambus IoT Device Management is a comprehensive solution that provides customers with a simple to use, yet powerful, IoT security solution including:

- ┆ **Out-of-the-box Secure Connectivity**
  - ┆ First-boot secure connection to automatically provision connected devices over-the-air (OTA)
  - ┆ Data protection utilizing encryption and device unique keys
- ┆ **Life Cycle Management**
  - ┆ Cyber disaster recovery and routine certificate refresh

- ┆ Device management including decommissioning and re-assigning of services
- ┆ **Service High Availability**
  - ┆ Reduce the risk of remote device hijack attacks
  - ┆ Mitigates against application layer DDoS attacks - an attempt to make an online service unavailable by overwhelming it with traffic from multiple sources masquerading as legitimate devices

For more information about our IoT Device Management Services [rambus.com/trustedservices](http://rambus.com/trustedservices).

### **Availability**

Rambus IoT Device Management service is expected to be commercially available Q4 2017.

### **About Rambus Security**

Rambus Security is dedicated to providing a secure foundation for a connected world. Our innovative solutions span areas including tamper resistance, network security, mobile payment, smart ticketing and trusted transaction services. Rambus foundational technologies protect nearly nine billion licensed products annually, providing secure access to data and creating an economy of digital 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 innovative hardware and software technologies, driving advancements from the data center to the mobile edge. Our chips, customizable IP cores, architecture licenses, tools, software, 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 payments, and smart ticketing. At Rambus, we are makers of better. For more information, visit [rambus.com](http://rambus.com).



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