RFID reader boasts hardware faster, higher memory array

U.S. semiconductor maker Ramtron International Corporation and China-based Module Technology Co. Ltd. announced that they have entered into a technology partnership. Under the partnership, Ramtron and Module Technology will enhance Module Technology's standard RFID reader hardware to support the faster and higher memory array of the Ramtron MaxArias wireless memory. The partnership will impact a wide range of customers—from smart metering, industrial manufacturing, high-value asset tracking and other data-intensive logging applications that can benefit from low power, fast write wireless memory solutions.

Based on third-generation automatic identification semiconductor technology, Ramtron's MaxArias Wireless Memory Solutions enable high-volume, data-rich asset and information tracking systems for a variety of industries and applications including utility smart metering, aircraft/industrial manufacturing, inventory control, maintenance history tracking, pharmaceutical and medical equipment tracking, building security, and product authentication. Unlike mainstream RFID tags that offer only a few kilobits of memory and exhibit inherently low performance, Ramtron's MaxArias Wireless Memory offers expanded memory, fast data storage and retrieval enabled by proven, high-performance, nonvolatile F-RAM memory technology. MaxArias devices are also gamma radiation stable and immune to magnetic fields. Ramtron's current MaxArias Wireless Memory Solutions conform to EPCglobal Class-1 Generation-2 UHF air interface protocol.

Ramtron International Corporation
Module Technology Co.

www.moduletech.com.cn [1].
www.ramtron.com [2] [3]

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