



# news release

For immediate release

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## **Emerson Network Power Expands AdvancedTCA Storage Portfolio**

*Enables ATCA platform developers to boost storage capacity in telecom systems and target new markets such as enterprise and other server-based applications*

**Tempe, Ariz.** [June 23, 2009] – Emerson Network Power, a business of Emerson (NYSE:EMR) and the global leader in enabling *Business-Critical Continuity*<sup>™</sup>, today announced general availability of its expanded portfolio of AdvancedTCA<sup>®</sup> (ATCA<sup>®</sup>) based embedded computing storage products.

Two new ATCA blades for in-shelf storage applications and two new AdvancedMC<sup>™</sup> (AMC) based storage modules expand Emerson's product portfolio and target the growing demand for storage in the enterprise and telecom markets. ATCA based storage capacity requirements continue to grow exponentially due to the increased popularity of video on demand, IPTV and embedded databases.

“As ATCA platforms penetrate more telecom control and data plane applications, as well as applications beyond the telecom central office, the need for ATCA based storage becomes greater and more complex. The general availability of these new storage solutions enables ATCA platform developers to expand beyond telecom and begin to target new markets such as enterprise and other server-based applications, where data storage and management become increasingly required,” said Rob Pettigrew, director of ATCA marketing for Emerson Network Power's Embedded Computing business. “The continual evolution in storage technology, with improved capacity and speed and cost reductions, offer new and exciting opportunities for integrating storage directly in the ATCA platform to gain the benefit of high performance and availability provided by ATCA based systems. Our ATCA platforms offer a wide range of options for incorporating storage — from moderate, on-blade solutions to large-scale, external storage networks.”

### **New ATCA Storage Blades**

The ATCA-S201 is an ATCA carrier blade designed to meet in-shelf, shared storage requirements and enables access to a common storage resource for multiple processor via 10 Gbps Ethernet, iSCSI connectivity on the ATCA fabric interface. An on-board SAS controller provides hardware RAID to off-load the processor blades for better application performance.

For in-shelf, direct attached storage in a simple, cost effective manner for up to two processor blades within an ATCA platform, Emerson has also released a complementary ATCA carrier blade, the ATCA-S120. The blade can be connected to a host processor blade in a direct attached, JBOD (Just a Bunch Of Disks) configuration or as additional storage capacity for shared storage via external connection to the ATCA-S201 storage blade. More information on direct attached and shared storage is available in an [Emerson Network Power white paper](#).

Both blades offer up to 1.8 TB of storage capacity across four mid-size hot-swappable AMC slots and a rear transition module (RTM) with two direct-mount storage devices. Traditional SAS and SATA based rotating media as well as SATA based solid state device (SSD) storage products are supported

### **New AdvancedMC Storage Modules**

The AMC-S402 is a mid-size AdvancedMC storage module equipped with high performance, high reliability enterprise class SAS disk drives. Versions with 146GB and 300GB SAS HDDs are currently available.

The AMC-S320 is a mid-size storage module with an 80GB extreme duty hard disk drive and SATA interface.

These two new modules extend Emerson's storage module portfolio for AdvancedTCA or MicroTCA systems, which includes mid-size or full-size AMC form factors, hard disk drive (HDD) and solid state disk (SSD) storage functionality, capacities from 32GB to 300GB and support for SATA and SAS storage protocols.

## **Embedded Computing Storage Strategy**

Emerson Network Power has a four-tier storage strategy scaling from single/dual hard drives on compute blades, to dedicated direct attached and shared storage blades, to large, scalable, off-the-shelf external storage arrays. Our partnership with the leader in storage technology, EMC Corporation, enables us to offer the CLARiiON AX4-5 and CX4 storage array products to fulfill high capacity, external shelf storage requirements.

More information on Emerson's storage products is available at <Link to landing page>

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## **About Emerson Network Power**

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## **About Emerson**

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