

## MaxTronic Announces to Support Snapshot Technology for Arena JanusRAID II series

Taipei, Taiwan, July 16, 2008 – MaxTronic, Int'l Co., Ltd., a global supplier in enterprise-class RAID and storage solutions, launches Snapshot Technology for Arena JanusRAID II products which has been built-in Firmware to allow users to operate through web GUI. Snapshot Technology is becoming one of the most important solutions which are using in data protection during data processing. Snapshot allows user to create instantaneous data images of a volume at designated points in time. Unlike traditional data copy, which takes hours or even days for data replication, the snapshot function can create a copy of a volume within seconds. In addition, creating a snapshot volume requires only partial capacity of the original volume, so snapshot is a convenient solution in terms of time and capacity efficiency.

### **Arena Snapshot benefit: Host and Application Independent**

Because the snapshot is done at the array and block level by leveraging the computing power of the RAID system, it is host-independent, and application-independent. It may cause less performance impact comparing to host-based snapshot software solutions. User is also allowed to restore data by using snapshot restore function. As a data image can be rolled back to a snapshot immediately, user may resume applications without waiting.

Arena JanusRAID II series, which content Snapshot function (Firmware V 1.34A), is including as the following:

- FC to SATA Disk Array System (SA-4551S, SA-6651S/E )
- FC/SAS to SAS Disk Array System (SS-4551E / SS-4552E, SS-6651E /SS-6652E)
- SCSI to SATA Disk Array System (SA-8850S)
- Also the coming redundant series...(SS6601R, SS-6602R, SS-8801R, SS-8802R)

### **Applications to use Snapshot Features:**

#### \* Reducing Data-freezing Time for Backup or Replication

When doing backup or data replication, the data of a volume has to be frozen to maintain the data consistency by pause the I/O access of the applications. With the snapshot function, a copy of a volume can be created instantaneously, and the backup or replication operations can be performed on the snapshot volume, so the time to freeze a volume for backup can be largely reduced.

#### \* Supporting SAN-based Application

A snapshot volume can be exported to other host computers to offload the backup or other applications from the host computers owning the working volume. This improves the system efficiency from installing all applications on all the host computers.

#### \* Multiple snapshot volumes of one primary volume share the same copy (copy one time).

#### \* Snapshot volume can be automatically expanded.

#### \* Snapshot volume cannot substitute as another origin data volume.

#### \* Spare COW (Copy-On-Write) volume is available in order to achieve better performance.

#### \* Data recovery or snapshot restore can be done instantly.

#### \* Origin volume (device) resizing is applicable and possible.

#### \* High I/O and CPU performance overhead on data access while snapshot is performing.

#### \* Snapshot scheduling can be set through host side configuration.

#### \* Provide up to 512 snapshots in one single volume.

### **About MaxTronic**

MaxTronic Int'l Co., Ltd. is a worldwide RAID and NAS provider in design, manufacturing and marketing of full series of RAID solution, including Fibre, SAS, SCSI, eSATA, PCI-e, iSCSI to SAS/SATA-disk based interfaces. We offer high performance, high reliability and user-friendly Storage. MaxTronic provides hardware and software customization services for customers to fulfill different kinds of applications and environments. With field-proven technology, Arena RAID systems are recognized as the most efficiency products in the market. For more information, please visit [www.maxtronic.com.tw](http://www.maxtronic.com.tw)

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#### **Headquarters**

MaxTronic International Co., Ltd.

TEL: +886-2-2218 4878

[sales@maxtronic.com.tw](mailto:sales@maxtronic.com.tw)

#### **America**

Arena-Maxtronic Inc.

TEL: +1-626-334-1888

[sales@maxtronic.com](mailto:sales@maxtronic.com)