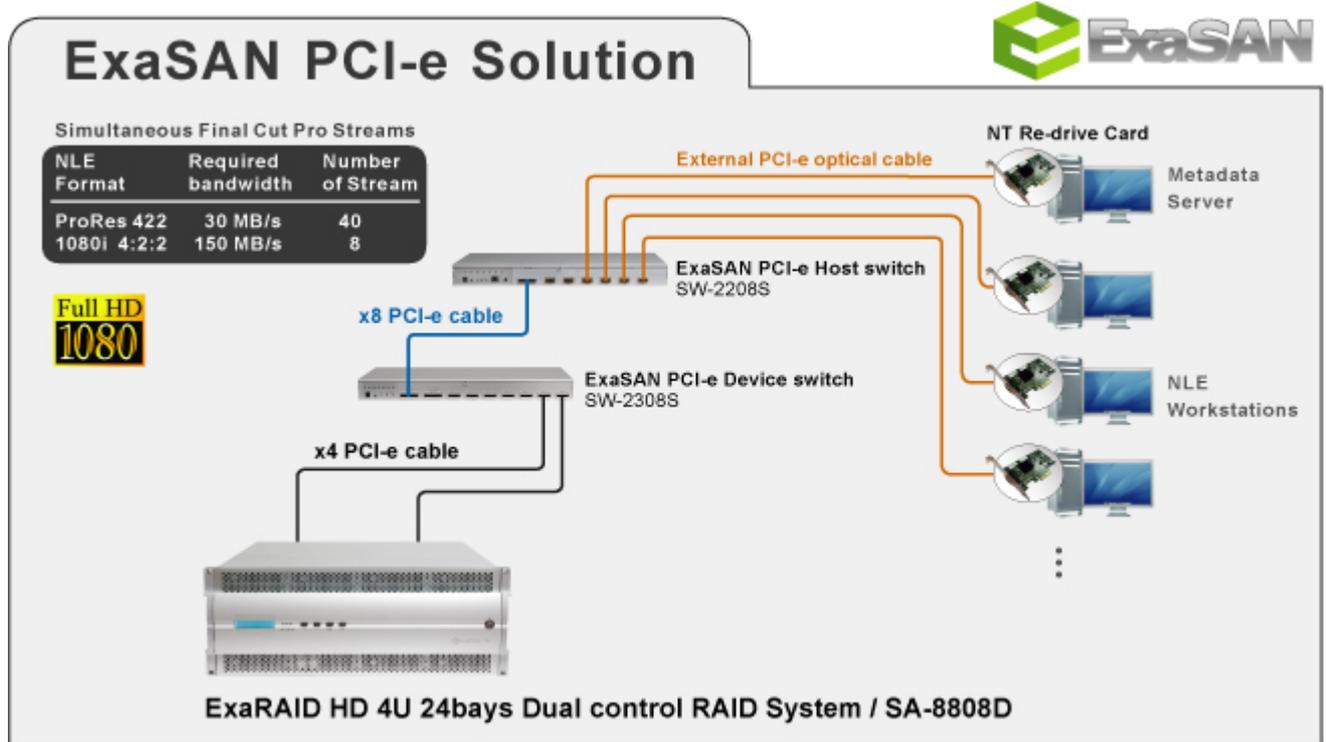# ExaSAN PCI-e SAN Solution for HD application

Taipei, Taiwan, Jan. 23, 2009, Arena (MaxTronic International Co., Ltd.) - A leading provider of RAID storage systems, today announced the new page on PCI-Express (PCI-e) SAN architecture in a more friendly approach, creating its technique especially for Professional Video Editing, High Definition CCTV and other applications where there is a requirement for ultra-fast bandwidth of any activity.

The PCI-e SAN hardware are equipped up with Arena External PCI-Express Switch(es) and Arena Internal PCI-Express card(s) which available on x4 and/or x8 PCI-e host configurations for both Mac and/or PC users, offers expansion up to 28 External PCI-Express RAID subsystems.

ExaSAN PCI-e Solution

Simultaneous Final Cut Pro Streams

NLE Format	Required bandwidth	Number of Stream
ProRes 422	30 MB/s	40
1080i 4:2:2	150 MB/s	8

Full HD 1080

External PCI-e optical cable

NT Re-drive Card — Metadata Server

ExaSAN PCI-e Host switch SW-2208S

x8 PCI-e cable

ExaSAN PCI-e Device switch SW-2308S

x4 PCI-e cable

NLE Workstations

ExaRAID HD 4U 24bays Dual control RAID System / SA-8808D

The Highlights:
It supports the innovative "Multiple Sustained Stream Performance" (EQ Mode) to deliver incredibly stable, rock-solid streaming for editing/ playback uncompressed 2K High Definition images using professional video editing software.

Other features include Disk Lag Proof Technology, performance improvement, snapshot, friendly GUI interface, and multiple-hosts to multiple-devices support, whilst a 2nd PCI-e switch provides the combined cascade capability.

Whether you are editing for film or television, managing photographic libraries, composing, musical scores, running vast databases or organizing your mp3 and game libraries, the Arena External PCI-Express RAID gives you high performance data access, secure and reliable storage.

Mike Li, Sales Manager for Arena Storage Oversea Division, said: "This superb PCI-e architecture sets a new standard for SAN solution. The quality of the streaming truly needs to be seen to be believed."

Equipments Used In Topology:

- Arena External PCI-e RAID Subsystem (SA-8808D) *1
- Arena Internal PCI-e Internal card (x8 or x4 HBA) *4
- Arena External PCI-e Device Switch (SW-2308S) *1
- Arena External PCI-e Host Switch (SW-2208S) *1
- Metadata Server *1, Workstations   (PC or Mac) *4
- Professional Video Editing Software: e.g. Final-Cut-Pro

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 http://www.maxtronic.com.tw