Mylex Corporation develops high performance, intelligent hardware and software for moving, storing, protecting, and managing data in desktop and networked environments. Ranked as the number one supplier of RAID controllers in the non-proprietary network systems disk array market, Mylex offers the broadest and strongest RAID controller product line available today.

RAID controllers by Mylex protect more data for more customers worldwide than any other line of controllers. Eight out of the top ten server OEMs choose Mylex RAID controllers to protect their customers’ data, from the most mission critical enterprise systems to the most sophisticated small/home office.

Mylex Corporation is ISO 9001 registered and controls product development and manufacturing through an aggressively maintained quality management system. Mylex is headquartered in Fremont, CA with international offices in Europe and Asia. Research and development facilities are located in Fremont, CA and Boulder, CO. Mylex’s award-winning products are sold globally through a network of OEM’s, major distributors, VARs, and system integrators. The company’s stock is traded under the symbol MYLX on the NASDAQ Stock Market.

RAID Levels

RAID provides secure management of critical data. Mylex RAID systems improve performance, safeguard data, and increase fault tolerance. Different methods for moving and managing data are defined as “levels” of RAID protection.

**Level 0**
Block “striping” across multiple drives is provided, yielding higher performance than is possible with individual drives. This level does not provide data redundancy.

**Level 1**
Drives are paired and mirrored. All data is 100% duplicated on a drive of equivalent size.

**Level 3**
Data is “striped” across several physical drives with parity.

**Level 5**
Data and parity are striped across all drives in the array.

**Level 0+1**
Combines RAID 0 striping and RAID 1 mirroring. This level provides redundancy through mirroring.

**JBOD**
JBOO (Just a Bunch of Drives). Each drive is operated independently like a normal disk controller, or drives may be spanned and seen as a single drive. This level does not provide data redundancy.

**Level 30**
Combines RAID 0 striping and RAID 1 mirroring spanned across multiple drive groups. This level provides redundancy through mirroring.

**Level 30**
Combines RAID 0 striping and RAID 3 striped parity across multiple drive groups. This level provides data redundancy through its RAID 3 implementation.

**Level 50**
Combines RAID 0 striping and RAID 5 striped data and parity across multiple drive groups. This level provides data redundancy through its RAID 5 implementation.

Microsoft Corporation

“Windows NT Server Enterprise Edition is being used in more and more mission-critical roles. Our mutual customer base will benefit from Mylex’s technology and sophistication in this vital area of system engineering and performance optimization.”

Edmund Muth
Group Product Manager

Intel Corporation

“We are excited about the ability of Intel Architecture SHV Server customers to get greater functionality out of their onboard storage devices through the integration of Mylex AcceleRAID products. Hot-plug PCI, ECC, and improved RAID management/expansion support, combined with low cost, position Mylex AcceleRAID products to meet the demands of today’s SHV Server platform.”

Jon Haas
Enterprise Server Group, Industry Marketing Manager
Low Cost RAID

AcceleRAID 150, AcceleRAID 200, AcceleRAID 250

High Performance RAID

eXtremeRAID, DAC960PG, DAC960PJ

External RAID

DAC960SX, DAC960SF, DACFL

Management Tools

GAM, RAIDPlus

The AcceleRAID family features high-performance, cost-effective UltraSCSI/ Ultra2 SCSI LVD to PCI RAID for low-end servers and high-performance workstations. The industry-acclaimed AcceleRAID adapters support PCI-based motherboards with embedded SCSI chips and systems that have a PCI expansion slot designated for add-in RAID controllers, as well as standard PCI-based motherboards.

UltraSCSI/ Ultra2 SCSI LVD to PCI RAID controllers are Mylex's award-winning intelligent I/O solutions for mid-to-high-end servers. For demanding 24/7 RAID performance, extreme fault tolerance, data availability, ease of configuration and management flexibility, this family of products incorporates the proven firmware and driver technology that has won Mylex more TPC-C world records than any other RAID controller manufacturer.

Typical Applications:

- Performance desktop systems
- PC workgroups
- Workgroup file servers, e-mail servers, Internet news servers
- Application servers, intranet/web servers, enterprise servers
- Other systems requiring fault tolerance and high performance at low cost

Typical Applications:

- Enterprise systems
- Mid-range systems
- PC workgroups
- Workgroup file servers, e-mail servers, Internet news servers
- Application servers, intranet/web servers, enterprise servers

External Ultra SCSI, Ultra2 SCSI LVD, and Fibre Channel Mylex RAID controllers deliver extraordinary performance and optimum flexibility to the most demanding server systems.

Fibre Channel products permit higher bandwidth over greater distances than traditional SCSI, and deliver unmatched performance without sacrificing data reliability.

With features such as active-active failover, dual active transparent failover and fallback, Mylex's fibre products can be configured to move and protect hundreds of terabytes of data.

GAM: Configures, monitors, and manages your network RAID storage from anywhere in the world with the Mylex Global ArrayManager (GAM). Communicate critical notification via e-mail, fax, pager, SNMP or the launching of an application. GAM is everything you need to manage your Mylex RAID Controllers, SCSI host adapters, and external RAID controllers. GAM is designed to support the way you work with heavy duty tools to give you complete control at all times.

Software Kit: Every RAID controller from Mylex is supported by an exhaustive set of software utilities and drivers for most major operating systems. This software kit contains manuals, user guides, and diskettes.

RAIDPlus: Mylex also provides an award-winning line of SCSI host bus adapters that come standard with RAIDPlus, which provides RAID 0, 1, and 0+1 levels of fault tolerance. RAIDPlus is also available as an upgrade to installed-base Mylex SCSI adapters.