



MorStor TruFibre 400

HIGH PERFORMANCE STORAGE
FOR DEMANDING ENTERPRISES



MorStor TruFibre Series

The MorStor TruFibre Series from INLINE Corporation is a state of the art class of Fibre Channel storage devices designed to meet the needs of all organizations, from small LANs all the way up to large, distributed, global enterprises. Fibre Channel technology provides a robust, high octane RAID array capable of delivering high I/O for your database applications and extra bandwidth for large file reads and writes. The MorStor product family supports all open systems including any flavor of Unix, Linux, Windows and Novell as well as clustering and heterogeneous SAN environments. With high availability, high performance and easy scalability the TruFibre series is an ideal solution for NAS devices and SAN architecture as well as your Direct Attached Storage needs.



The MorStor TF400 is INLINE Corporation's Fibre Channel storage solution for enterprises with demanding storage needs. Enterprises that require heavy throughput such as data centers, co-location facilities, managed Internet storage and others will find the TF400 is an ideal choice for their data storage needs. The TF400 can be utilized for NAS devices, SAN architecture or DAS. With four active Fibre Channel connections, the TF400 provides 400 MB per second maximum throughput. Mid-range to large enterprises with higher bandwidth needs will find that the TF400 provides enough throughput to meet the challenges of 24/7 operations.

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SCALABLE & FLEXIBLE
UPGRADE PATHS

- Scalable architecture allows for performance and capacity growth based on a modular design
- Multiple TruFibre arrays can be configured on a switched fabric for even greater capacity
- Space efficient design allows for high capacity in a small footprint
- Up to 108 drives per standard 72" cabinet
- Up to 126 host connections without switched fabric



HIGH PERFORMANCE



- Virtually double performance and significantly enhance data availability with dual active array controllers
- Application-specific tuning through variable stripe and variable cache line size to maximize read, write and cache utilization
- RISC processors enhance performance
- Dual 64-bit internal bus design eliminates typical controller bottleneck
- Up to 512 MB primary cache and over 8 GB secondary cache per controller set
- Sustained data transfers of 360 MB per second RAID 5 reads and 247 MB per second RAID 5 writes



HIGH AVAILABILITY & DATA INTEGRITY

- Fault tolerance and continuous data access through truly redundant components
- Expand RAID set without interruption
- Online repair with no costly downtime through hot swappable components
- Maintains data integrity in both write-through and write-back modes with mirrored non-volatile cache
- Redundant disks paths provided at all times by dual-ported fibre drives and multiple dual-channel fibre loops
- Dual power grid utilization and increased power supply availability with redundant AC power sources
- Additional redundancy provided by local and remote mirroring
- Automatic unattended disk rebuilds using global hot spares
- Event notification via SNMP, e-mail and paging through MorStorVIEW console



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SPECIFICATIONS

Host Connections:	4 Active Fibre Channel
Maximum Throughput:	400 MB/s
Drive Capacities:	18, 36 and 72 GB per spindle
Drive Interface:	Fibre Channel, dual interface
Drive Quantity (Max):	96
Total System Capacity:	7 Terabytes
RAID Levels:	0, 1, 3, 5, 0+1, 5+1 & JBOD
Supports Multiple RAID Levels:	YES, simultaneously
LUNs (logical units) per Subsystem:	32
Command Tag Queuing:	256 Commands Max
Fabric Support:	YES
Media Interfaces:	Copper or Optical through MIA
Variable RAID Stripe and Cache Line Sizes:	YES
Variable Priority for Rebuild/Create:	YES
Global Spares:	YES
Dynamic Expansion:	YES
SAN Ready:	YES
UNIX and NT Cluster Compatible:	YES
Monitoring Options:	Local and Remote
Direct Attached Storage:	YES
Network Attached Storage:	YES
Power Options:	-48VDC, 110 VAC or 240 VAC
Power Supplies:	Hot Swap, Load Sharing and Redundant
Variable Speed Fans:	Hot Swap, Load Sharing and Redundant
Array Controllers:	Hot Swap, Load Sharing and Redundant
Disk Drives:	Hot Swap, and Redundant
Quality Standard:	Manufactured under an ISO 9000-registered quality control system

About INLINE Corporation

INLINE Corporation is a leading independent provider of open systems storage solutions. Based in Northern Virginia, INLINE Corporation is recognized by a customer base that includes many of the largest telecommunications, digital imaging and multimedia companies as well as government agencies and universities nationwide. INLINE is also the recipient of many prestigious corporate awards including Deloitte & Touche Technology Fast 500 and Washington Technology Fast 50. The company is committed to delivering solutions that cope with today's business challenges while building information strategies for the future.

WWW.INLINECORP.COM
1.800.465.4637

MorStorVIEW

Providing the ability to centrally manage physically distributed and/or centrally configured storage arrays is another key feature of MorStor storage solutions. Through our JAVA-based management tools and any industry standard web browser, MorStor arrays can be centrally managed regardless of their location in your office, enterprise or around the world. SNMP, e-mail, paging and other notification options provide integration with leading third party systems management packages such as HP OpenView, Tivoli and others. LUN mapping and masking provides security for heterogeneous SAN environments and clustering solutions. MorStorVIEW provides the ability to manage all of your storage easily and efficiently, while lowering your overall management and administrative costs.

