

# Accelera™ 1600

## Network Storage Services Platform

Add Advanced Data Management And Protection Capabilities In Minutes Using Existing SAN Resources



### Highlights

- Reduce complexity of managing and protecting data resources by centralizing storage services within the network
- Simplify deployment of data management and protection solutions by eliminating the need for host-based approaches which are difficult to manage and scale
- Extend storage services across multiple SAN islands eliminating the need for numerous SAN deployments
- Scale management capabilities quickly and affordably through a centralized approach, independent of SAN infrastructure

### Purpose-Built for Hosting Applications

The Troika Accelera 1600 Network Storage Services (NSS) Platform provides a simple and truly open network-based approach for deploying data management and protection solutions.

Accelera combines 2 Gb/s FC switching technology, high-speed processing capabilities, and application software into a uniquely integrated platform that significantly improves application performance and functionality. Troika has partnered with major Storage OEM and Independent Software Vendors (ISVs) to offer leading applications integrated onto the Accelera NSS Platform.

### The Perfect Combination: Affordability, Performance, and Extensibility

The Accelera NSS Platform provides outstanding performance with high-speed non-blocking 2 Gb/s throughput. With 16 ports of connectivity, Accelera extends the reach of management applications and shared storage resources across SANs and multiple SAN islands. Accelera is highly integrated with the application, providing cost-effective deployment and scalability.

### Simple Open SAN Deployment

The Accelera NSS Platform integrates seamlessly into any SAN infrastructure, eliminating the need for expensive upgrades. Accelera attaches to the SAN as an end-node (N-Port), which enables it to remain SAN (and SAN vendor) independent. Also, Accelera is uniquely capable of connecting to multiple SAN islands simultaneously, extending data management/protection functionality and storage resources across the entire infrastructure from a centralized location.

### Flexible Deployment and Greater Control

The Accelera NSS Platform moves management functionality off of distributed servers and storage, and into a central point within the network. This significantly reduces SAN management complexity, and eliminates unnecessary support resources. Accelera facilitates a simple and rapid SAN deployment, and provides IT managers unparalleled control in expanding and changing the application environment.

# Accelera™ 1600 Network Storage Services Platform Specifications

## Performance Characteristics

- Processors: Dual Intel Pentium Xeon
- Memory: 2 Gb
- Ports: 16 Fibre Channel ports, each N\_port or NL\_port configurable
- Port Speed: Auto-negotiating 2 Gb/s full duplex (2.125 Gb/s)
- Backplane: Non-blocking 80 Gb/s
- Performance: 460,000 IOPs aggregate
- Throughput: 2.8 GB/s aggregate
- Media: Hot-plug, Small Form factor Pluggable (SFP)

## Storage Management

- Maximum physical backend storage: 256 TB
- Maximum virtual LUN size: 2 TB
- Maximum number of virtual LUNs per port (assigned to initiator): 256
- Maximum number of virtual LUNs per initiator: 4,096
- Maximum number of initiators: 32,768
- Maximum number of LUNs: 65,536

## High Availability Features

- Clustering: Supports Active/Active-Active/  
Passive failover configurations
- Dual 10/100 Ethernet RJ-45 connections for clustering
- Hot swappable fans
- Redundant, hot swappable power supplies

## Standards

- FC-PH
- FC-AL
- FCP-SCSI
- Fibre Alliance MIB
- SNMP v1,2,3

## Device Management

- Access: SSH, Telnet, Web Browser, SOAP/XML, SNMP
- Interfaces: (1) 10/100 Ethernet RJ-45 for management  
(1) Serial DB-9 RS232 for configuration

## Mechanical

- Dimensions: 17"(W) x 3.5"(H) x 21"(D)
- Enclosure: 2U rack mountable
- Weight: 35 lbs

## Environmental

- Temperature: +10°C to +40°C
- Humidity: 5% to 85% noncondensing
- Altitude: 0 to 10,000 feet
- Shock: 5g, 11ms, half sine
- Vibration: 0.5g, 40 to 3000 Hz



## Electrical

- Power: 100-230VAC
- Frequency: 50-60Hz

## Regulatory

- UL, CE, cUL, FCC

## TROIKA™

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