

# Accelera™ 800

## Network Storage Services Platform

### Simple And Affordable Approach For Deploying Data Management And Protection Functionality

#### Highlights

- Add new management applications through a non-disruptive and flexible solution
- Centralize management and protection functionality for easier management
- Integrate host-based agent functionality onto NSS Platform, avoiding complexity of managing distributed agents
- Extend reach of management and protection capabilities across multiple SAN islands eliminating the need for multiple independent deployments

#### High Performing, Affordable

The Troika Accelera 800 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 leading Storage OEM and Independent Software Vendors (ISVs) to offer leading applications integrated onto the Accelera NSS Platform.

#### Leverage Existing Infrastructure

The Accelera NSS Platform allows users to add data management functionality without needing to upgrade the existing infrastructure. Accelera attaches to the SAN as an end-node (N-Port), which enables it to remain SAN independent. Accelera interoperates with any existing SAN installation, even multiple SAN islands, to provide a centralized approach for deploying storage service applications.

#### Pay as You Grow

The cost-effective Accelera NSS Platform is designed to allow IT Administrators to dynamically scale management capabilities as needed. Add Accelera to an existing SAN to enhance management capabilities. Then, easily expand by adding additional Accelera platforms.

#### 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 reducing management complexity. Accelera allows simple, fast deployment and provides the IT manager unparalleled control in expanding and changing the application environment.



# Accelera™ 800 Network Storage Services Platform Specifications

## Performance Characteristics

- Processor: Intel Pentium Xeon
- Memory: 1 Gb
- Ports: 8 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: 285,000 IOPs aggregate
- Throughput: 1.4 GB/s aggregate
- Media: Hot-plug, Small Form factor Pluggable (SFP)

## Storage Management

- Maximum physical backend storage: 128 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: 2,048
- 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 (optional)

## 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: 30 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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Document Number 903-0207-B