

MAC CONNECTIVITY TO HP STORAGEWORKS P2000 G3 FC MODULAR SMART ARRAY

ATTO Technology and HP enable highly available, high-performance Fibre Channel connectivity for the P2000 G3 FC MSA to Mac workstations.

Solution brief

Ability to connect Mac to feature-rich, high-performance storage.

While many creative professionals prefer to use Apple workstations because of their performance and the applications that run on them, they have struggled to find high-performance, high-availability, feature-rich storage like the HP StorageWorks P2000 G3 FC MSA for shared workflows running on OS X.

ATTO Celerity Fibre Channel HBAs with MultiPath Director™

ATTO and HP have teamed to offer a high-end, completely redundant Mac storage solution designed to enhance workflow and increase productivity by keeping content available in real time for multiple users. ATTO Fibre Channel HBAs are the industry's only HBAs to enable Macs to leverage the built-in redundancy of HP P2000 G3 arrays using MultiPath Director. This enables automatic load balancing across multiple paths for improved performance and path fail-over in case of a connectivity, HBA or storage controller failure. The result is a fully redundant, feature-rich and robust storage system for Mac community built on ATTO's 20+ years of expertise in the Mac market and the HP StorageWorks P2000 G3 FC MSA.

- Connect Mac workstations to feature rich high performance storage – the HP StorageWorks P2000 G3 FC MSA
- Increase productivity by creating shared workflows for Mac workstations in a Storage Area Network (SAN)
- Continued access to storage for critical applications
- Efficiently complete projects and meet deadlines with reduced downtime
- Standardize fragmented direct attached storage systems with one shared storage solution that fits all your needs

Working together with HP

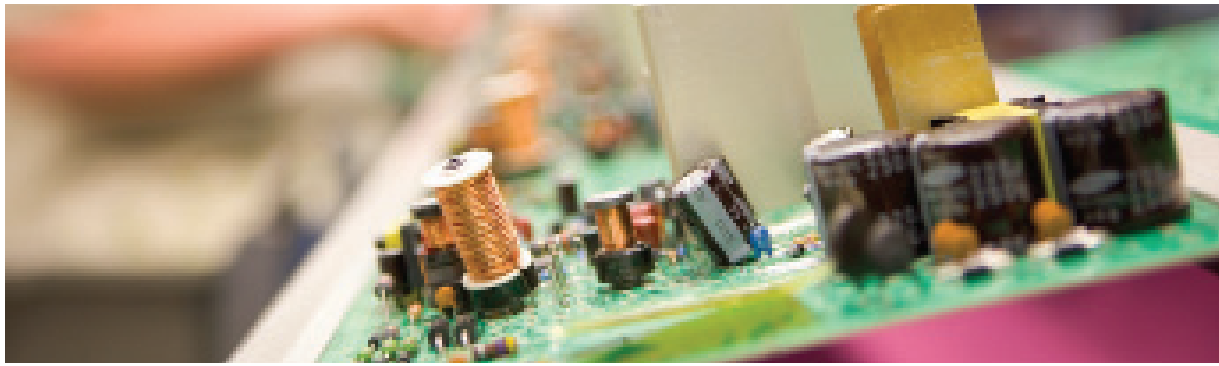
Working with HP to meet your high availability and high performance storage requirements, HP Storage solutions will help achieve the best performance, best uptime and best cost for your business needs. Together with HP Storage, we can develop storage solutions tailored to your specific business requirements and provide the storage platforms and technologies you need to deploy, manage and operate today's demanding networked storage environments.

How does the solution work?

The HP StorageWorks P2000 G3 FC Modular Smart Array has dual-redundant controllers that act to keep data available in case of a host bus adapter, connection or storage controller failure. Because of the limitations in the Mac OS X operating system, normal Fibre Channel host adapters are not able to recognize and manage dual redundant storage controller systems. Mac hosts have traditionally not been able to connect to HP storage in a high-availability topology. The ATTO MultiPath Director™ was designed to eliminate this limitation.

During normal operation, load balancing works to send data through both of the controllers in the P2000 for optimal performance. In the event of a front-end path failure, or if a controller is taken off-line for field service, the ATTO Celerity HBA automatically routes all I/O traffic through the remaining path for continued access to the data. Once the controller is back online, data is again load balanced across multiple ports without user intervention. ATTO Celerity Fibre Channel HBAs and MultiPath Director™ come standard with an easy-to-use Configuration Tool that simplifies configuration, monitoring, management and troubleshooting of multiple connections between the host and the storage.





Hardware

- ATTO Products Supported: ATTO Celerity 8Gb quad port (FC-84EN), dual-port (FC-82EN) and single-port (FC-81EN) PCIe 2.0 x8, Fibre Channel Host Bus Adapters with MultiPath Director™
- Host Hardware: Apple MacPro workstations
- Software: ATTO Configuration Tool, Apple Xsan or Quantum StorNext file systems
- HP Products Supported: HP StorageWorks P2000 G3 FC Modular Smart Array

Industry Focus

- Media and Entertainment
- Healthcare
- Oil and gas
- Education and Government
- Scientific and technical
- Advertising
- Rich-content digital asset creation

Operating Systems Supported

- Mac OS 10.5 or higher

Building on the value of strong relationships

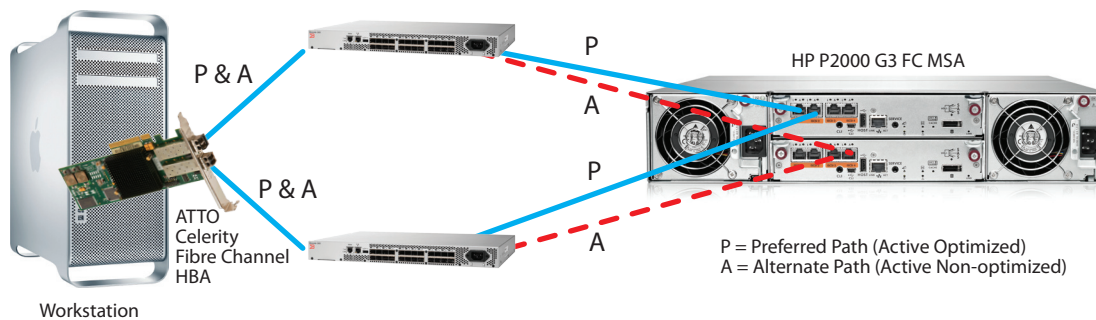
By working with HP, we have the resources, experience, and knowledge of an industry leader to ensure our solution delivers the business results and value your company requires. HP is a company that thrives on innovation, with a proven track record of success in virtually every market, customer segment, and region worldwide. Together, we have the technology and services to meet your most demanding needs.

Working together to drive success

By combining standards-based and modular technologies with our leading-edge applications and a full portfolio of services, you gain a powerful, flexible solution that meets your business needs today—and adapts dynamically as those needs change. That's the foundation for building an agile, responsive enterprise in which business and IT are synchronized to capitalize on change. That's a solution that will drive your success for the long term.

For more information

Visit: www.attotech.com/solutions/HP



Share with colleagues



Get connected

www.hp.com/go/getconnected

Get the insider view on tech trends, alerts, and HP solutions for better business outcomes

© Copyright 2011 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Mac and Mac OS are trademarks of Apple Inc., registered in the U.S. and other countries.

4AA0-xxxxENW, April 2011

This is an HP Indigo digital print.

