ATTO TECHNOLOGY
TECHNOLOGY BRIEF

Reduce OPEX with FibreBridge™

Patented Drive Map Director™ Technology Reduces Maintenance Costs

Benefits of ATTO FibreBridge

- Discovers and virtually maps physical storage
- Replaces manual mapping of Fibre Channel LUNs
- Provides consistent drive and shelf LUN mapping
- Eliminates the need to remap FC storage if a drive shelf is removed for maintenance or has a failure
- No labor hours required to reconfigure LUNs
- Better management of multiple shelves of storage

About ATTO FibreBridge

ATTO FibreBridge Intelligent Controller devices connect low cost SAS/SATA disk storage and SAS tape drives to Fibre Channel Storage Area Networks with the added benefit of adding advanced intelligence with advanced management and monitoring to these direct attached storage devices.

About ATTO

ATTO Technology is a global leader of storage connectivity and infrastructure solutions for data-intensive computing environments. ATTO provides solutions that help customers store, manage and deliver data more efficiently. Visit www.attotech.com for more information.

Why Choose FibreBridge™ vs. Naitive Fibre Channel?

FibreBridge provides features and technologies that enhance and improve direct attached SAS and SATA storage while offering flexibility over native Fibre Channel products. Management and monitoring are two primary functionalities that the FibreBridge adds to direct attached storage products. Drive Map Director improves maintenance of storage by lowering overall operating expense (OPEX) costs by reducing the number of labor hours required to setup, manage and maintain storage.

The Challenge

Storage is growing at such a rapid pace that management and maintenance of storage is becoming a larger portion of OPEX budgets. Any time spent maintaining storage reduces ROI by a large margin with continued reconfiguration as the storage topology changes. Managing storage during failure conditions can be costly as IT resources are needed to reconfigure and reassign LUNs to make up for the missing storage.

Tools that help organizations reduce complexity and configuration of storage are needed to help IT resources concentrate on more important issues. Best practice is to have a hardware device that can manage storage topologies without the need for expensive and obtrusive software licensing.

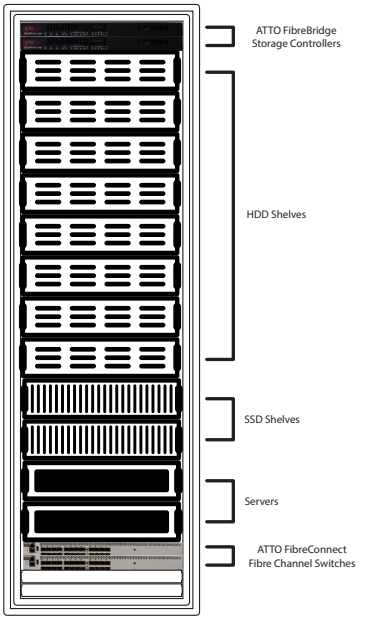
The Solution

Drive Map Director helps to make the ATTO FibreBridge a simple plug and play type device that helps organizations reduce maintenance costs. OPEX is reduced by eliminating the need to configure LUNs when installing, adding or maintaining storage connected to the FibreBridge.

No configuration of the storage controller is necessary, just plug in storage, connect to hosts or the SAN and power-on all devices. The operating system will recognize all storage connected to the controller with no manual intervention needed which reduces installation labor costs and user error.

Additionally there is no maintenance of the FibreBridge required when you add new storage or have a drive failure. Simply add storage, replace a drive or a shelf of storage and you will be up and running with no additional configuration required saving a large portion of labor costs annually.

Drive Map Director discovers the physical layout of storage devices attached to a bridge or host adapter and then creates a virtual topology of the physical storage. Drive Map Director then creates target device maps corresponding to the physical layout and assigns a fibre target number to each shelf of storage while a fibre LUN is reserved for each slot within the enclosure. This numbering scheme is static and remains with the shelf and slot location anytime a drive or shelf is added or removed.



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