



## Celerity 8Gb Fibre Channel Multipath Director Release v1.41MP - Linux

### 1. General Release Information

---

These product release notes define the new features, changes, known issues and release details that apply to the Celerity 8Gb Fibre Channel adapter product v1.41MP that was released on 6/27/2013. This information pertains to the Linux OS. **Note:** It is recommended that latest firmware available on ATTO website be utilized with this driver release.

### 2. Changes

---

- **Version 1.41MP (Released 6/27/2013)**
  - **Note:** It is recommended that latest firmware available on ATTO website be utilized with this driver release.
  - **New Features**
    - Corrected Config Tool reporting error where the same LUN shows multiple times with MultiPath Director.
  - Supported OS
    - RHEL 5 & 6
    - SLES 11, 11 SP1, 11 SP2
    - Fedora 17, 18
    - openSUSE 12.2 & 12.3
    - CentOS 5, 6
- **Version 1.40MP (Released 12/21/2012)**
  - **Note:** It is recommended that latest firmware available on ATTO website be utilized with this driver release.
  - **New Features/Enhancements/Enhancements**
    - Resolved issue where all paths were not reported properly on HP MSA P2000.
- **Version 1.39MP (Released 12/04/2012)**
  - **New Features/Enhancements/Enhancements**
    - Change made to obtain the correct target identifier for some arrays.
    - Feature added to disable multi-pathing for certain arrays.
- **Version 1.38MP (Released 10/24/2012)**
  - **New Features/Enhancements/Enhancements**
    - Inquire failure will not cause path removal.
    - Resolved panic during sysreboot test.
- **Version 1.37MP (Released 09/17/2012)**
  - **New Features/Enhancements/Enhancements**
    - Support for NetApp firmware version 7.83
    - Support failover mode in saved configurations.
    - Resolved issue where LUNs failover after reboot regardless of mp\_disable\_failback setting.
    - Added support for MP check/block states.

- Added feature to restart LUN scan or target scan based on sense data.
  - Added ability to disable failback.
- **Version 1.36MP (Released 08/21/2012)**
  - **New Features/Enhancements/Enhancements**
    - Resolved panic in RH 6.1 for specific SCSI command.
- **Version 1.35MP (Released 08/08/2012)**
  - **New Features/Enhancements/Enhancements**
    - Resolved issue where paths are not updated unless data is being passed.
    - Resolved IO failure in Linux during controller failover.
    - Resolved panic when a controller is rebooted.
    - Full controller LUN trespass support.
    - Stornext volume can now be accessed if controlling MDC fails.
- **Version 1.34MP (Released 05/04/2012)**
  - **New Features/Enhancements/Enhancements**
    - Addressed an incompatibility with certain Promise devices running in Point-to-Point mode.
    - Corrected an issue in which setting a saved multipathing configuration could fail when the device is not configurable.
- **Version 1.33MP (Released 02/02/2012)**
  - **New Features/Enhancements/Enhancements**
    - Made additional improvements to bus reset handling.
- **Version 1.32MP (Released 07/20/2011)**
  - **New Features/Enhancements/Enhancements**
    - Resolved a panic which occurred when removing the ATTO driver while drives are being spun up.
    - New system logging macros are being used.
    - Contains fix for dropped PLOGIs or PRLIs.
  - **Additional OS Support**
    - RHEL 6
    - SLES 11
    - SLES 11 SP1
    - Fedora 14
    - Fedora 15
    - openSUSE 11
    - CentOS 5
    - CentOS 6
- **Version 1.30MP (Released 03/30/2011)**
  - **New Features/Enhancements/Enhancements**
    - Added support for the Access LUN in IBM DSxxxx arrays.
    - Added support for EMC CLARiiON AX series storage.
    - Added support for HP MSA series storage.
    - Target based identifiers in Inquiry VPD page 0x83 are given priority over LUN based identifiers in determining how to multipath devices.
    - Devices that report an unknown device type in Inquiry data are ignored.
    - Resolved panic in RH5.4.
- **Version 1.24MP (Released 12/07/2010)**
  - **New Features/Enhancements/Enhancements**
    - Feature improvement related to task management.
    - Added atmpininfo binary to tarball for MP builds.
    - Improved the adapter recovery mechanism after a reset.
    - Added support for Red Hat Enterprise Linux 6.

- **Version 1.23MP (Released 07/30/2010)**
  - **New Features/Enhancements**
    - Support added for T10-DIF
      - The command line switch T10Dif has the default setting as 0 (disabled). To enable, change setting to one (1).
      - When enabled, the driver will detect if a disk drive is formatted for T10-DIF. Upon detection of T10-DIF, the driver will automatically generate the DIF field on the writes, and check it on the reads.
      - This feature currently does not provide a mechanism to format the drive.
- **Version 1.21MP (Released 03/05/2010)**
  - **New Features/Enhancements**
    - Resolved IO failure during firmware up/down grade testing.
- **Version 1.20MP (Released 03/05/2010)**
  - **New Features/Enhancements**
    - Initial release of Linux MP Director code based on OS X driver.
  - **Supported OS**
    - RedHat 4 (x86, x64)
    - RedHat 5 (x86, x64)
    - SuSE 9 (x86, x64)
    - SuSE 10 (x86, x64)
    - Fedora Core 7 (x86, x64)
    - Fedora Core 8 (x86, x64)

### 3. Known Issues/Advisements

---

- None

### 4. Affected Products

---

Product Name	SKU
Celerity FC 81EN	CTFC-81EN-000
Celerity FC 82EN	CTFC-82EN-000
Celerity FC 84EN	CTFC-84EN-000

### 5. Contacting ATTO Support

---

ATTO Technology, Inc. is renowned for its technical support services. ATTO's goal is to provide you the quickest response possible for your technical support needs, and is available Monday-Friday, 8:00 AM to 6:00 PM EST (except holidays and plant closings).

ATTO Technical Support can be contacted via phone or email:

- Phone: 716.691.1999 ext. 242
- E-Mail: [techsupport@attotech.com](mailto:techsupport@attotech.com)