



## FibreBridge 7500 Firmware Release v1.30

### 1. General Release Information

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These product release notes define the features, known issues and release details that apply to the FibreBridge 7500 version 1.30 that was released on 1/12/2016.

### 2. Introduction

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- **Version 1.30 (Released 1/12/16)**
  - **Release details**
    - *This release adds support for multiple LUNs behind a target*
      - *The 7500 now supports connection to SAS/SATA RAID Arrays and SAS Target processor devices with multiple disk LUNs (SASMapByTopology disabled)*
    - *Enhanced performance monitoring capabilities*
    - *Added support for Supermicro 12Gb JBOD storage*
    - *Improved Fibre Channel support*
    - *Improved SAS/SATA device support*
      - *Added support for spinning up SATA drives with PUIS enabled*
      - *Improved SAS cable management error handling*
      - *Improved SAS device discovery*
    - *Several fixes for Customer IRs*
- **Version 1.20 (Released 5/13/15)**
  - **Release details**
    - *This release supports new diagnostic features for the 7500 platform*
    - *Improved Debug Tools*
      - *Added Ethernet Trace Logging capability*
      - *Added Internal logging of SNMP requests*
    - *Added IPv6 support for SNMP*
    - *Extended Controller Name to allow 32 characters, hyphens and underscores*
    - *Added ability to disable the Storage Controller LUN to allow discovery to complete without mapping the Storage Controller LUN*
    - *Updated the maximum temperature threshold to 90C and default warning at 80C*
- **Version 1.10 (Released 10/30/14)**
  - **Release details**
    - *This release supports new diagnostic features for the 7500 platform*
      - *Added Fibre Channel and SAS Dynamic Trace Logging*
      - *Ethernet Trace Logging*
      - *BAU Acceleration Engine Trace Logging*

- **Version 1.01 (Released 9/23/14)**
  - **Release details**
    - *Added support for a full 240-drive configuration, 10 shelves of 24 drives each.*
- **Version 1.00 (Initial release 9/3/14)**
  - **FibreBridge 7500 Specifics**
    - *New Acceleration platform increases performance x10 over previous generation*
    - *7500 Storage Controller bridges 2x 16Gb Fibre Channel to 4x (4 lane) 12Gb SAS*
    - *Fully data protected architecture eliminates silent data corruption*
    - *Adds less than 4 microseconds of latency to attached storage*
    - *Dual hot-swap power supplies*
    - *Flash ROM supports dual boot images for greater reliability during firmware updates*
    - *Large flash event log stored in NAND memory for field diagnostics*
    - *Fibre Channel SFP+ modules included with product*
    - *Dual 100/1000 Ethernet management ports*
    - *Battery-free design*
  - **Initial Release Features**
    - *Supports SAS 3Gb, 6Gb and 12Gb disk storage devices*
    - *Supports SATA 3Gb and 6Gb disk storage devices*
    - *Supports connection to 4Gb, 8Gb and 16Gb Fibre Channel*
    - *Drive Map Director™ feature provides predictive enclosure-aware mapping scheme*
    - *ExpressNAV™ System Manager GUI, CLI, FTP and Telnet access*
    - *Available FC and SAS port statistics*
    - *Available in-band access*
    - *SNMP Support*
    - *SMTP Support*

### 3. Known Issues/Advisements

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- IR15320 - Drive errors may not be logged in the SNMP errorTable and error traps may not be received.
- IR15879 – Bridge does not always respond as expected during a drive removal
- IR15999 - SAS targets drive info not populated after Inquiry timeout
- IR16030 – Bridge returns 0 bytes of data when SAS reports an underrun on an accelerated read.
- IR15617 – With SNTP disabled, manual setting of time and date are required (fields are not independent).
- Note that when you plug in a power cable to one of the power supplies on the 7500, power is immediately enabled on the controller, there is no power switch.
- The Drive Map Director™ feature requires that SAS enclosures support the SMP protocol, for specific information contact ATTO tech support, if enclosures do not support the SMP protocol then mapping occurs via the Automap feature.

### 4. Affected Products

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Product Name	SKU
FibreBridge 7500D	FCBR-7500-DPS

### 5. Contacting ATTO Support

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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 8:00 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)