

# VTrak<sup>®</sup> J5000 Series

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*Service Release 2*

*FW Version 1.01.0000.53*

*Release Notes*

## 1. Release Summary

This edition of release notes describes the second Service Release (SR2) **1.01.0000.53** of the VTrak J5000 series JBOD Subsystems. PROMISE provides Release Notes to describe performance enhancements, fixes and known product limitations.

This document is applicable to the following PROMISE VTrak J5xx0 series models:

Model	Description	VIN
J5320sD	2U/24 JBOD, dual controller, 2.5" Drive Bays	J5320SDNX
J5300sD	2U/12 JBOD, dual controller	J5300SDNX
J5600sD	3U/16 JBOD, dual controller	J5600SDNX
J5800sD	4U/24 JBOD, dual controller	J5800SDNX
J5300s-48TB	2U/12 JBOD, dual controller, with drives	J5300SDQS4
J5320s-72TB	2U/24 JBOD, dual controller, with drives	J5300SDQS6

## 2. Release version 1.01.0000.53

### 2.1. Product Description

The J5000 Series of 12G SAS-3 Expansion Chassis includes the following features:

- SBB 2.1 compliance
- GreenRAID initiatives
- Dual Redundant IO Module (Expanders)
- Dual PSU/Cooling with 80 Plus Gold (Energy Star Ready)
- 4 x4 Wide SAS ports per IOM
- High Density SAS Connector/ Smart Cabling
- 12G/6G SAS, 6G/3G SATA HDD/SSD
- Support SATA Bridge for dual port

- Common Components
  - Same IO Modules/FW for all chassis
  - Same drive carrier for LFF Chassis
- Form Factors Support
  - LFF (3.5" Drive Bays): 4U/24, 3U/16, 2U/12
  - SFF (2.5" Drive Bays): 2U/24

**Note on Promise Ex30 RAID controller support:** In order to connect a J5000 Series Enclosure to either a Promise E630 or E830 RAID Controller, the RAID Controller must be running Firmware 10.15.xxxx.xx or later.

## 2.2. Changes since the Service Release 1

- Added Support for SSH
- Added option to enable / disable staggered spin up
- Added option to enable / disable wake on SAS
- Disabled auto shutdown when attached to Promise raid head
- PSU PMBUS access enhancement
- Added support for network function ping and arp

### Additional Changes

Ref #	Title
219828	
229051	
224593	
227855	
230607	
232087	
232862	
226715	
	Enhanced BP VPD access / checksum checking.

233320	New enclosure type support.
237768	
231680	
231681	
231679	
231657	
231678	
231740	
231803	
231793	
231662	
231708	
232130	
234616	Fix bug when only one PSU inserted.
219367	Fix bug for controller Accumulated Uptime.
219411	Correct the return data of SMP / SES for topology information.
219711	
219397	Corrected returned voltage value in SES.
219500	Corrected LED mapping for 4U24 enclosure.
234872	
219911	Corrected cable management for 4U24 enclosure.
220291	Fixed wide port link status not showed on 2U12 and 3U16.

220198	Fixed port mapping / type for 2U12.
220772	
221297	
224767	Fixed uptime showing for peer controller.
223874	Corrected link error / port type returned in SES.
216011	
225533	Fixed wrong external port count reported on 3U and 4U enclosure.
225813	SAS 6G signal improved.
229957	
229857	Corrected voltage threshold.
221545	Enhanced firmware update error handling.
220186	
220652	Enhanced SES command handling.
219547	
223286	
219572	Corrected thermal sensor threshold.
219795	
237105	
219416	
220730	Corrected array / controller status / front panel LED behavior.
223738	
224451	Fixed PSU information is not showed sometimes.
239319	
221977	Add event log when net parameter, zone type changed or doing factory default.

232098	Let WOL functional after Jbod shutdown by SES command.
226982	Enhanced 12G to 6G SAS cable support.
217742	Enhanced locate LED function after IOM failover.
223235	Misc bug fix.
224795	
225412	
238302	
224766	
225492	
220600	
223228	

Ref #	Description	Workaround/Solution
N/A	The JBOD utility under Centos 7.0 runs in a Terminal Window instead of the desk top.	All of the functionality is available.

### 2.3. Known Product Limitations

- EDFB function disabled to prevent potential data corruption.

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### 3. Contacting Technical Support

PROMISE Support Website at [http://www.promise.com/support/support\\_eng.asp](http://www.promise.com/support/support_eng.asp)  
PROMISE E-mail Support at <http://support.promise.com/>

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