

ABS Continuity Appliance® Data Sheet

ONSITE DATA PROTECTION

Achieve efficient disk-to-disk backup and recovery, plus additional security and redundancy with the ABS Continuity Appliance.

Hybrid Data Protection

The locally stored ABS Continuity Appliance enables Enterprise-class backup and restore with LAN speed recovery. The device is integrated with offsite data storage for maximum security.

Each backup image is stored locally on the appliance. Data is then replicated to the ABS DR Infrastructure - bi-coastal facilities. Recover user data, applications, databases, plus entire OS and configuration quickly via onsite restore. In the event of a downed server, the effected server can be virtualized and hosted via appliance.

INTEGRATED OFFSITE STORAGE

Each device is linked with a Service Plan to provide offsite storage of backup data for disaster recovery. De-duplication and compression technologies reduce backup storage requirements.

ABS Continuity Appliance

Each unit is designed with Enterprise specifications and constructed with industry-leading hardware. As part of the Service Plan, ABS conducts regular monitoring and provides hardware support for all deployed units.

Engineered for Enterprise requirements:

- Enterprise SATA hot swap drives*
- DDR3 1333mhz ECC memory
- 64Bit virtualization support
- Quad & Six Core processors
- RAID 6 or RAID 10 storage configuration*
- 500GB to 8TB+ units – Tower & Rackmount

T Series



500GB - 2TB

R Series



1TB - 8TB+

IMMEDIATE VALUE

- LAN speed recovery via onsite appliance
- Virtual server recovery in minutes
- Eliminate backup windows with 15 min continuous snapshots

Complete Business Continuity

- Fast, reliable bare metal backup and hardware independent recovery
- Bring up a virtual instance of the downed server(s) in minutes via appliance leveraging VirtualBoot
- Restore or migrate backup images to and from physical systems and virtual environments—P2P, P2V, V2P, V2V

Appliance Monitoring

- Engineers pro-actively monitor the appliance hardware and will alert you of potential issues
- Alert notifications on backup errors, warnings, file-based events

Hardware Warranty

- Comprehensive 3-year hardware warranty included
- Expedited replacement of failed hardware

*500T = RAID 1, standard hot swap drives

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PRODUCT SIZING GUIDE

TECHNICAL FEATURES

Data Restore Methods

- Failover to a virtual machine
- Recover locally from appliance
- Offsite recovery for site failure
- Mount snapshot as a local drive

Volume Snapshot Manager

- Enhanced backup through Microsoft VSS—Exchange, SQL
- Eliminates nightly backup windows—allows for hot backup of Exchange and SQL

Eliminates Backup Windows

- Schedule incremental backups up to every 15 minutes
- Sector level backups, enabling fast and efficient incremental backup executions

Data Security

- Each backup image is secured with AES 256-bit encryption
- Backup images stored on local appliance and replicated to geographically diverse facilities

Reporting & Analysis

- Detailed backup job reports
- Appliance health monitoring

Additional Features

- Efficiently offloads resources for intensive DR operations
- Onsite virtualization: VirtualBoot in DR instance
- Local isolated environment for testing

SUPPORTED PLATFORMS

Operating Systems

- Windows 2012 / 2008 R2 / 2008 SP2 / 2003 R2 / 2003 SP2 / 2000 SP4
- Windows SBS 2011 / 2008 / 2003 R2 / 2003
- Windows 8 / 7 / Vista / XP SP3

Applications

- Exchange 2010 / 2007 / 2003 SP2
- SQL 2005 or later

	500T	1000T	1000R	2000T	2000R	4000R*	8000R*
Recommended Max Storage Capacity	750GB	1.75TB	1.75TB	3TB	3TB	6TB	10TB
Storage Configuration	2 x 2TB HD RAID 1 1TB HD VM Storage	4 x 2TB HD RAID 10 500GB RAID 1 OS	4 x 2TB HD RAID 10 500GB RAID 1 OS	6 x 2TB HD RAID 10 500GB RAID 1 OS	6 x 2TB HD RAID 10 500GB RAID 1 OS	8 x 2TB HD RAID 6 1TB RAID 1 OS	14 x 2TB HD RAID 6 1TB RAID 1 OS
Processor	3.0 Ghz 64 Bit Phenom Quad Core	2.66 Ghz 64 Bit Xeon Quad Core	2.66 Ghz 64 Bit Xeon Quad Core	2.66 Ghz 64 Bit Xeon Quad Core	2.66 Ghz 64 Bit Xeon Quad Core	Dual 2.0 GHz 64 Bit E5 Xeon Six Core	Dual 2.0 GHz 64 Bit E5 Xeon Six Core
System Memory	16 GB	16 GB	16 GB	32GB	32GB	96GB	96GB
Gigabit Ethernet	2	2	2	2	2	4	4
Form Factor	ATX Tower	ATX Tower	2U Rackmount	ATX Tower	2U Rackmount	4U Rackmount Redundant PS	4U Rackmount Redundant PS
# machines backed up to appliance	1 - 3	1 - 6	1 - 6	1 - 8	1 - 8	1 - 12	1 - 18
# simultaneous VMs supported	2	2 -3	2 - 3	3 - 6	3 - 6	6 - 12	6 - 12
Dimensions In. (LxWxH)	18.4 x 7.8 x 16.8	24.4 x 8.7 x 16.7	25.5 x 17.2 x 3.5	24.4 x 8.7 x 16.7	25.5 x 17.2 x 3.5	26 x 17.2 x 7	26 x 17.2 x 7

*Field upgradable - hard drive upgrade packs available

