

# ABS Enterprise® Data Sheet

## COMPLETE SYSTEM & DATA PROTECTION

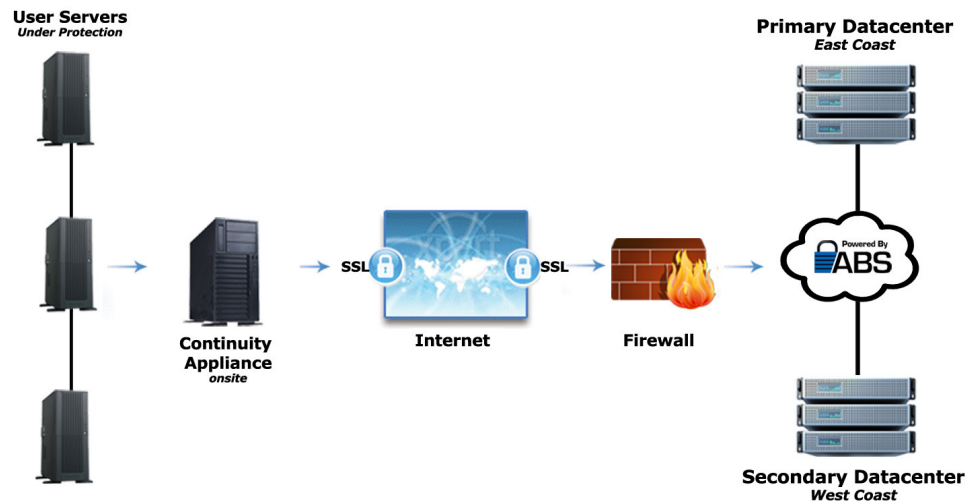
### ABS Enterprise

A complete business continuity solution engineered for small and medium-sized businesses. The solution provides Enterprise-class data protection and disaster recovery for servers across the business. The foundation is based on core business continuity practices:

- Local disk-to-disk backup with secure offsite storage
- System image backups with recovery to independent hardware
- Virtualization for efficient disaster recovery - onsite and offsite

### How it Works

ABS Enterprise takes an initial full backup image including OS, applications, databases, user data and all configuration data. The image is stored locally on an ABS Continuity Appliance®. After the initial backup, efficient incremental snapshots are taken; all data is securely replicated to ABS offsite storage facilities.



If a protected server fails, the image can be quickly accessed in a virtual environment locally via appliance. For disaster or site-wide outages, users are re-routed to continue work by accessing the protected infrastructure via ABS Recovery Site—located at the primary datacenter.

Backup images can be:

- Restored to the original, replacement or temporary hardware
- Instantly mounted as a network share
- Accessed in a virtual instance - onsite or offsite

### IMMEDIATE VALUE

- A turn-key data protection and disaster recovery solution
- Onsite & offsite virtualization for fast, reliable disaster recovery
- ABS builds / monitors onsite appliances, provides hardware support, manages offsite DR infrastructure

### KEY BENEFITS

#### Data Protection

- Onsite and offsite storage with flexible recovery
- Compression and de-duplication reduce storage and bandwidth usage
- Efficiently restore data, applications, or entire servers

#### Disaster Recovery

- Fast, reliable bare metal backup and hardware independent recovery
- VirtualBoot technology enables users to bring up a virtual instance of the effected server in minutes - onsite or offsite
- Restore or migrate backup images to and from physical systems and virtual environments—P2P, P2V, V2P, V2V



# ABS Enterprise® Data Sheet

## COMPLETE SYSTEM & DATA PROTECTION

ABS Enterprise is flexible as every organization has unique business continuity requirements. Solution foundation is based on the following services.

### Hybrid Data Protection

Enterprise-class data protection: integrated local and offsite storage with bare metal backup and recovery. Gain efficiencies with disk-to-disk backup and recovery speeds, plus added redundancy with advanced backup policies for files, folders, applications, critical databases and operating systems. Recovery capabilities are flexible and hardware independent.

### Site & Server Recovery

More comprehensive than backup and restore, ABS Enterprise leverages virtualization to provide organizations with a complete disaster recovery solution. Recovery hosting allows for operations to resume as the IT infrastructure is being addressed. Protection is available for a single server or entire location and IT infrastructure.



#### ONSITE VIRTUALIZATION

Quickly host the downed server(s) via locally stored ABS Continuity Appliance. Once the new hardware is prepared, the restoration procedure allows the new server to reflect the prior state, plus new data added.



#### OFFSITE VIRTUALIZATION

For disaster or site-wide outage situations, users are re-routed to continue work by accessing the IT environment via ABS Recovery Site—located at the primary datacenter.

#### TECHNICAL FEATURES

##### Backup Image Format

- Initial full backup then continuous incremental backups
- Completed backups are de-duplicated and prepared for offsite replication

##### Application Integration

- Exchange message level recovery
- Recover storage groups and individual Exchange data stores

##### Volume Snapshot Manager

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

##### ABS Continuity Appliance

- Enterprise design specifications, constructed with industry-leading hardware
- Enterprise hot swap drives
- DDR3 1333mhz ECC memory
- 64Bit virtualization support
- Quad & Six Core processors
- Tower & Rackmount

FEATURE	BENEFIT
Complete system protection	Recover any message, file, database, application or entire computer
Onsite & offsite protection	Fast backup/recovery via onsite device, plus offsite protection for a site-wide occurrence
Flexible disaster recovery	Complete system recovery or fail-over to a virtual instance of the downed machine, onsite & offsite

