Operating System Backup Agent Datasheet

Operating System Backup Agents

As hospitals increase their technology footprint, it is vital they have a comprehensive backup and restore capability for their systems that is specific to their healthcare data environment.

BridgeHead provides a wide range of Backup Agents to protect operating systems across the healthcare enterprise. These Agents directly integrate with BridgeHead's Healthcare Data Management (HDM) Platform to provide a single administration point for the protection of Windows, NetWare, Linux and Unix operating systems.

KEY FEATURES

- Windows System State Agent Protects: SysVol, registry, Active Directory (see support for comprehensive list)
- Standard file system backup on all operating systems
- VSS-based backups on Windows, where required
- Support for Netware eDirectory
- Optional block-oriented backups for Windows, VMS and Unix
- Support for multi-streaming
- Hardware & software compression
- Leverages encryption from the HDM Platform for backup savesets
- Full & incremental backup methodologies
- Integrates with File Archiving Agent for optimized backup
- Web-based restore utilities for stress free recovery
- Backup to tape, disk, VTL & Cloud
- Integrates with HDM Platform & shares resources with other BridgeHead Agents

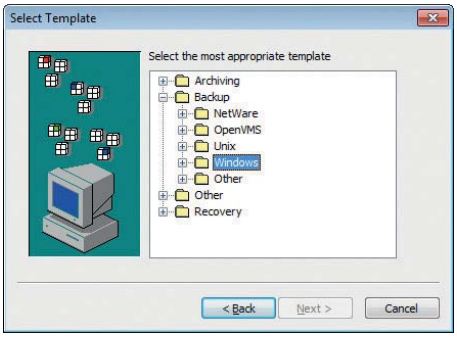
Technical Overview

Single Console – Unlimited Support

From a single console, all BridgeHead backup jobs can be created and monitored – including the full spectrum of enterprise operating systems. Although Windows and Linux dominate the healthcare space, many applications still depend on some less common operating systems such as VMS. BridgeHead's longevity in the backup market means it offers support for such operating systems – providing hospitals with the full protection they needs across their disparate environments.

Along with support for all of the operating systems a healthcare organization might need, BridgeHead's Operating System Backup Agents offer a comprehensive range of enterprise features:

- Compression & encryption support
- Full, incremental and block level backups
- Backup to disk, tape, VTL and Cloud
- Full reporting.



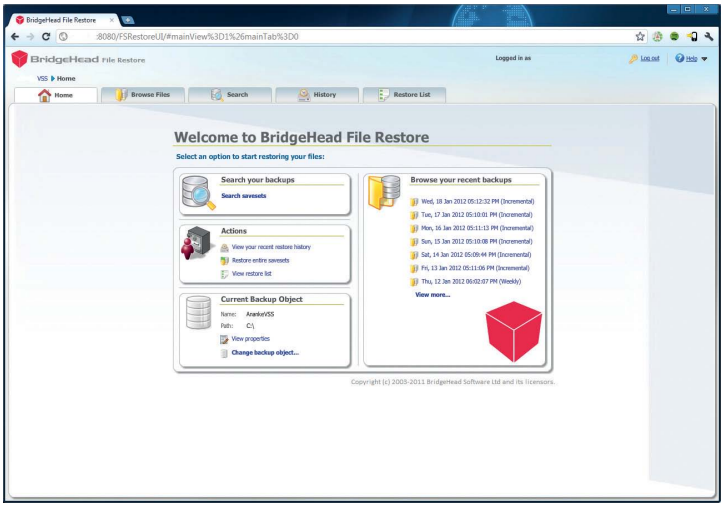
Dependable Architecture

BridgeHead's HDM solution offers a unique architecture that can scale to meet a hospital's requirements. The uniqueness of the design comes from the distributed catalog. Each Agent maintains its own catalog containing the file by file details of all the backups it possesses to aid rapid recovery. This also means faster operation due to more parallel activities and no single point of failure. Most other backup solutions are limited in this regard, creating a single, monolithic catalogue that is slow and often a single point of failure.

A central summary can be used to restore entire backups (including catalogs). In addition, you can also interrogate a backup to list its contents if the catalog is unavailable.

Stress Free Recovery

A backup that cannot be recovered provides no protection at all. The BridgeHead HDM Platform provides a common web-based file restore utility that all of the operating systems' file agents support. The utility guides users through the restore workflow, listing of all of the available backups and then helping recover servers, volumes or individual files, as needed.



Interaction with Application Protection

Of course most, if not all, operating systems contain applications. BridgeHead has a full arsenal of application Backup and Archiving Agents that work in conjunction with the Operating System Backup Agent to ensure end-to-end protection. For example, each Operating System Backup Agent also provides the basic data transport facilities leveraged by the BridgeHead Database Agents for that platform.

Functional Specification

OS	Agent Name	Comments
Win2k3 32 & 64bit (includes XP & Vista)	Windows System State Agent + Windows File System Agent	XP & Vista 32bit only
Win2k8 32 & 64bit (includes Win7)	Windows System State Agent + Windows File System Agent	VSS utilized for both system state and primary volume backup
Linux kernel (x86 & x64)	Linux Agent	2.4.2 and above
Novell NetWare 32bit	Novell Agent	5.x – 6.5
hp OpenVMS	OpenVMS Agent	VAX 5.5-7.3
hp OpenVMS	OpenVMS Agent	Alpha 6.1-8.3
hp OpenVMS	OpenVMS Agent	Itanium 8.3 3.4-50
Sun Solaris	Unix Agent	SPARC 2.6 – 10
Sun Solaris	Unix Agent	IA32 / AMD – 10
HP-UX	Unix Agent	HP9000 – 10.x, 11.x
IBM AIX	Unix Agent	RS6000 5.1+
SCO Unixware x86	Unix Agent	7.1 above

BridgeHead's core services run on Windows Servers – 2003 or 2008, 32 or 64 bit

For more information on how BridgeHead Software can help lower the cost and administrative burden of managing your healthcare data, contact us at: **info@bridgeheadsoftware.com** or visit us at: **www.bridgeheadsoftware.com**

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BridgeHead

With 20 years' experience in data and storage management, and 10 years in healthcare, BridgeHead Software is trusted by over 1,000 hospitals worldwide.

Today, BridgeHead Software helps healthcare facilities overcome challenges stemming from rising data volumes and increasing storage costs while delivering peace of mind around how to **STORE**, **PROTECT** and **SHARE** clinical and administrative information.

BridgeHead's Healthcare Data Management (HDM) solutions are designed to work with any hospital's chosen applications and storage hardware, regardless of vendor, providing greater choice, flexibility and control over the way data is managed, now and in the future.

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