



Advanced Server Backup and Restore Features and Benefits

Asigra™ Advanced Server Backup and Restore is agentless, multi-site backup/recovery software that combines utility service provisioning with a disk-based WAN-optimized architecture to shatter the limitations of traditional distributed-backup software. Asigra's unique agentless architecture does not require agents/clients to be installed on target machines.

Asigra provides grid-based performance and capacity scaling for virtually unlimited data growth, allowing the software to support any backup load. Asigra is a robust backup/recovery solution with many product features:

Agentless Backup & Restore Support:

S=Server, D=Desktop, L=Laptop

Extensive OS Support (32 and 64 bit)

- Windows NT, 2000, XP, 2003 (S,D,L)
- Novell NetWare (S,D)
- VMware (S,D,L)
- Mac OS X (D,L)
- IBM AIX (S,D)
- SUN Solaris (S,D)
- HP-UX (S,D)
- HP-Tru64 UNIX (S,D)
- IBM iSeries OS-400 (S)
- Red Hat Linux (S,D,L)
- Novell Suse Linux (S,D,L)

Extensive Database Support

- Microsoft SQL Server
- Microsoft Exchange Server & Outlook 2000/2003
- Oracle 8 & Above
- IBM DB2
- MySQL
- PostgreSQL

Backup & Restore Granularity

- MS Exchange at Email Level
- MS Outlook at Email Level
- Lotus Notes/Domino Server at Email Level
- Novell GroupWise at Email Level
- VMware at both individual VMs or a Virtual Server Level

Dynamic Backup, Flexible Fast Restores

- Backup to Disk
- Backup Incremental Forever
- Local Restore
- Individual File Restore
- CDP for Exchange emails, Windows and UNIX file system

Enterprise Scalability

- File Scalability per metadata engine
- N+1 Grid Processing (Scalable HA)
- Extensible storage for DS-System and BLM Archiver

Enterprise Consistent Data Integrity

- Verified Data Integrity w/Autonomic Healing and Validation
- Restore
- Online & Non-disruptive
- Backup to Disk

Secure Data Storage & WAN Transport

- AES Encryption Data In-Flight
- AES Encryption Data At-Rest
- SSL

WAN & Storage Optimized

- Web Portal Registration, Configuration, Reports
- Single Instance Storage (SIS) Local de-duplication
- Global SIS (GSIS) Global de-duplication
- Delta block changes only sent across WAN
- Delta file changes only sent across WAN
- Compression

Service Oriented Architecture & Reporting

- Single Dashboard for all sites
- Real-time Backup reporting from all sites
- Auto-upgrade & Mass Deployment
- Scheduled e-mail for daily/weekly reports

De-duplicated Capacity Based Licensing

- "Pay-as-you-Grow" GSIS Capacity Licensing
- Does not require local storage for local recovery

Compliance, Discovery, & ILM Aware

- Backup Lifecycle Management (BLM)
- Data Destruction with digital certificates
- Search on file or data and all their generations
- Backup data can be moved to tape or tape libraries
- Data from tape can be imported on BLM to be available for indexing and restore
- Archived backup data can be removed from online

Single Managed Product for All Backup & Restore

- Application servers
- Databases
- Email servers
- Archival
- Desktops
- Laptops
- DS-Recovery Tools (DS-MLR & MS SharePoint)
- Bare Metal Restore (BMR) & Disaster Recovery (DR)
- Continuous Data Protection (CDP)