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Acronis® True Image Echo™ Product Suite

Acronis® True Image Echo™

All private and public sector organizations (businesses, schools, and federal/state/local governments) rely on servers, desktops and laptops to successfully move, manage and maintain vital information. This information includes more than data — it's all digital assets such as operating systems, databases, applications, configuration settings as well as files. What happens when these systems malfunction, software becomes corrupted, viruses spread, or natural disasters occur? Can you quickly resume operations to continue productivity anywhere in the world? Acronis® delivers comprehensive, reliable, and cost-effective backup and recovery products for your entire IT infrastructure using proven image-based technology. Acronis True Image Echo works seamlessly with both physical and virtual servers, as well as workstations, in either Windows® or Linux® environments.

While Acronis True Image Echo disaster recovery software is used to ensure the availability of data today, maintaining a copy of your digital assets goes beyond simple backup and restore. Today, as virtualization becomes more popular, people are using "backup images" for migration to and from physical and virtual environments. Uses include staging new servers before they go live, testing the performance impact of adding a new application to a server, and load balancing to easily move the assets between servers. The ability to proactively use the created disk image in ways beyond disaster recovery provides new value to the organization.
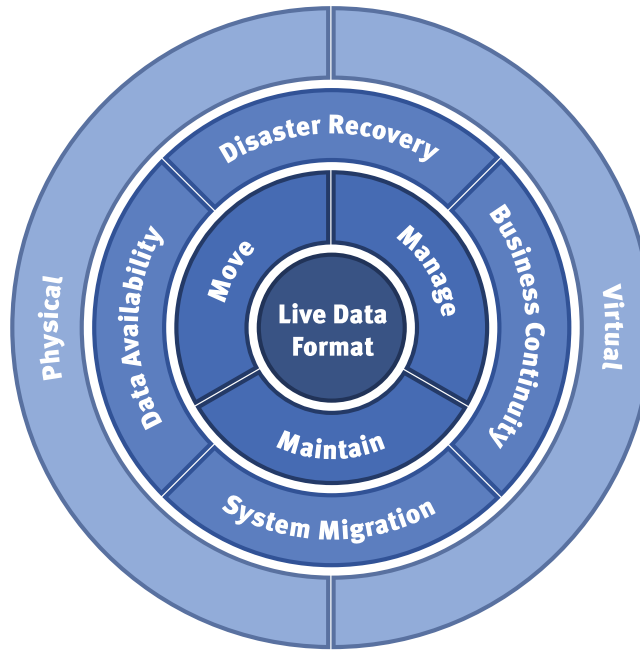
Acronis True Image Echo reads the sectors of your hard disk, creating an image of the entire disk, including all data and operating system components. It can even backup and restore individual files and folders on your hard disk while online — keeping users productive. With Acronis True Image Echo you have peace of mind knowing that your entire system is fully protected and can be recovered in minutes, not hours or days, in any disaster situation.

Acronis True Image Echo Features Include:

- Supports physical and virtual servers
- Integration with: Acronis Recovery for Microsoft Exchange
- Password protection for the Acronis Secure Zone®
- Full disk restoration including dynamic disks
- Event-driven backup
- AES archive encryption
- Wake-on-LAN
- Supports wide array of storage devices
- Restore images to different hardware with optional Acronis Universal Restore[1]
- Backup and recovery while online
- 64-bit Windows® support
- View status of all systems in the network using Acronis Group Server
- Remote, unattended restore using Acronis bootable agent
- Automatic image verification
- Full, incremental and differential backups
- Ability to choose file- or image-based backups
- Event notification via e-mail, pop-ups or SNMP
- Custom scripts before/after backups for added protection and flexibility
- Throttling to control CPU and network usage
- Create CDs with bootable images, PXE packages, and bootable recovery media ISOs
- Tape Support*

Digital Assets Available When and Where Needed

Acronis True Image Echo works equally well in physical or virtual environments *and* between them.

Acronis® Rings of Reliability℠

The Rings of Reliability depict how Acronis assists organizations in creating an image-based data set that can move seamlessly between systems. We accomplish this by separating the digital "assets" from the underlying platform architecture.

Live Data Format

- Based on patented snapshot technology
- At the heart of all Acronis products
- Responsible for the packaging of
  - System elements
    (OS, Applications, Settings)
  - User-generated data
- Creates platform-independent
  Digital assets
  - Protection
  - Migration
  - Disaster recovery
- Virtualizes digital assets

Move-Manage-Maintain

- Move digital assets to any platform or storage device
- Easily manage digital assets
  - Online, near line, offline
  - From any platform or storage device
- Maintain the integrity of entire disk contents

Business Continuity

- Disaster recovery for
  - Hardware failure
  - Software failure
  - Virus infection
  - Natural/man-made disaster
- Physical and Virtual Server Migrations
  - P-P, P-V, V-V, V-P
- Data availability
  - Minimize downtime
  - Ensure asset integrity

Environment

- Physical platforms
  - Servers
  - Workstation
  - Desktops/laptops
- Virtual operating systems
  - VMware
  - Microsoft
  - Citrix XenServer
  - Parallels

Feature	Enterprise Server	Server for Windows	Small Business Server[2]	Workstation for Windows	Server for Linux	Virtual Edition
System Protection						
Full disk imaging including differential and incremental backups	✓	✓	✓	✓	✓	✓
File-based backups	✓	✓	✓	✓		✓
VMware Consolidated Backup Support	✓	✓	✓			✓
Exclude file types from file-based backups	✓	✓	✓	✓	✓	✓
Compression	✓	✓	✓	✓	✓	✓
Password protection for Acronis Secure Zone®	✓	✓	✓	✓	✓	✓
Industry-standard AES archive encryption	✓	✓	✓	✓	✓	✓
Multi-volume snapshots	✓	✓	✓	✓		✓
Event-driven backup options	✓	✓	✓	✓		✓
Change System Identification (SID) when restoring an image	✓	✓	✓	✓		✓
Recovery						
Integration with Acronis Recovery for MS Exchange Server	✓	✓	✓	✓		✓
Create bootable media using WinPE and BartPE	✓	✓	✓	✓		✓
Bare-metal restore	✓	✓	✓	✓	✓	✓
Acronis Universal Restore[1] (restore to different hardware)	✓	✓	✓	✓		✓
Mount images in read/write mode	✓	✓	✓	✓	✓	✓
Acronis Active Restore (priority application restore)	✓	✓	✓	✓		✓
Acronis Startup Manager (boot recovery environment with F11 key)	✓	✓	✓	✓	✓	✓
Support for all major virtual file formats	✓	✓	✓	✓		✓
Dynamic disks support	✓	✓	✓	✓	✓	✓
Automatic reboot after restore option	✓	✓	✓	✓	✓	✓
Administration						
Image consolidation	✓	✓	✓	✓	✓	✓
Backup scheduling	✓	✓	✓	✓	✓	✓
Notifications (email, pop-up, SNMP)	✓	✓	✓	✓	✓	✓
Logging (Acronis log, Windows Event Log)	✓	✓	✓	✓	✓	✓
Wake-On-LAN support	✓		✓	✓		✓
Back up multiple increments throughout a single day	✓	✓	✓	✓	✓	✓
Schedule periodic backup validation	✓	✓	✓	✓	✓	✓
Clone existing schedule	✓	✓	✓	✓	✓	✓
Remote Administration						
Central management console	✓		✓	✓		✓
Manage backup operations for groups of machines	✓		✓	✓		✓
Remote installation and configuration	✓		✓	✓		✓
Remote restore	✓		✓	✓		✓
PXE support	✓		✓	✓		✓
User Interface						
Both wizard-driven GUI and command-line interface	✓	✓	✓	✓	✓	✓
Active Protection						
Hot imaging/backups	✓	✓	✓	✓	✓	✓
Microsoft Volume Shadow Copy Service (VSS) Support	✓	✓	✓			✓
CPU/network bandwidth/disk write speed throttling	✓	✓	✓	✓	✓	✓

1 Acronis Universal Restore is an optional license and is only available for Microsoft Windows XP and above
2 Runs on Microsoft Windows Small Business Server 2003 only

Storage Media

The following storage locations are supported:
- Networked Storage Devices (SAN, NAS)
- FTP servers
- CD-R/RW, DVD-R/RW, DVD+R/RW
- Blu-ray Support
- ZIP®, JAZ®, REV® and other removable media
- Tape Support*
- PATA(IDE), SATA, SCSI, SAS
- IEEE1394 (FireWire)
- USB 1.0/2.0 drives
- PC Card storage devices

Supported Operating Systems

- Windows Vista, x32 and x64 Editions
- Windows XP, Windows XP Professional, x32 and x64 Editions
- Windows Compute Cluster Server 2003, Windows Storage Server, Windows Embedded POS
- Windows 2000 Professional, Windows 2000 Server, Windows 2000 Advanced Server
- Windows 2003 Server, Windows 2003 Enterprise, Windows 2003 Server, x32 and x64 Editions
- Windows Small Business Server 2003
- Windows 2008 Windows Server 2008
- Linux 2.4.18 and 2.6.6 or newer 32/64bit kernels: SUSE Linux 9.1, 9.2, 9.3, 10.0, 10.1, 10.2, 10.3, Fedora Core 3, 4, 5, 6, 7, Red Hat 9.0, Red Hat Enterprise Linux 3, 4, 5, Slackware 10, 10.1, 10.2, 11, Debian 4.0 (etch), ASPLinux 9.2, 10, 11, ASPLinux Server II, IV, Virtuozzo 2.6.x, Gentoo, UnitedLinux 1.0, Ubuntu® 4.10, 5.04, 5.10, 6.10, 7.0.4, 7.10, TurboLinux 8.0, 10.0 as well as some other Linux distributions
- VMware, Microsoft (VPC, VS), XenServer, and Parallels virtual machine support

Supported File Systems

- FAT 16/32, NTFS, JFS, XFS, Linux Ext2/Ext3, ReiserFS, Linux Swap

* - Supports a variety of tape systems
   - For more information, and to determine compatibility with your infrastructure, please contact sales@acronis.com

Partners

vmware®   redhat   EMC² *where information lives*   IBM Server Proven™   HP BladeSystem Solution Builder   hp invent

Awards

Acronis True Image received TechEd 2007 Attendee's Pick Award for Business Application by Penton Media

Storage Products Guide has named Acronis Inc. one of its Storage "Hot Companies" winners for 2007.

Acronis True Image received the "Best of the Best" Award from Redmond Magazine

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For additional information and to get a free 15-day trial of Acronis True Image, please visit http://www.acronis.com

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