

# Acronis® True Image Echo™ Corporate Solutions

## Acronis® True Image Echo™

All private and public sector organisations 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. But 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 PCs and 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. As virtualisation 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 added value to an organisation.

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 a disaster situation.

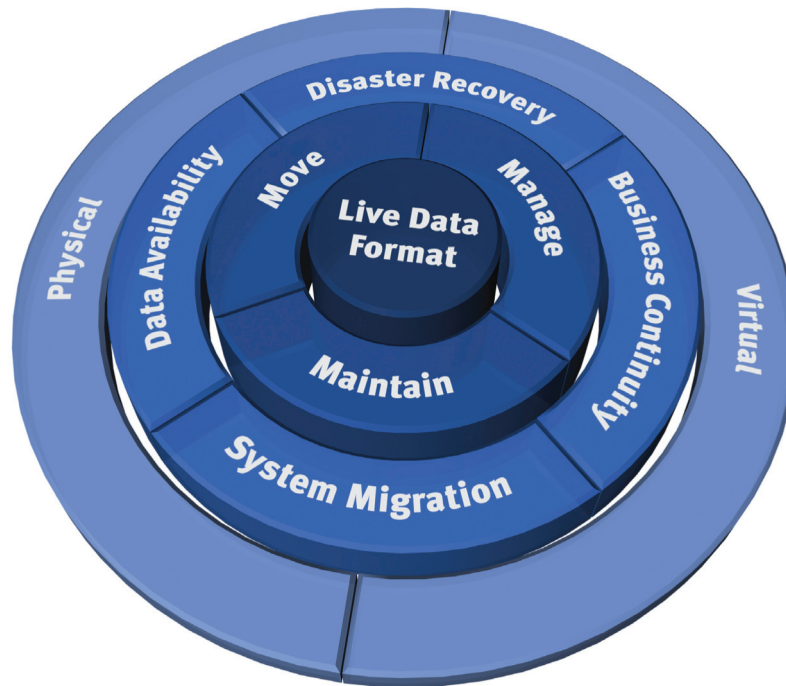
### Features

- 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, including tape
- Ability to restore images to dissimilar hardware with optional Acronis Universal Restore<sup>1</sup>
- Allow systems/users to be online during recovery with Acronis Active Restore
- 64-bit Windows® support
- View status of all systems in the network using Acronis Group Server
- Backup databases while actively online
- Remote, unattended restore using Acronis bootable agent
- Automatic image validation
- Full, incremental and differential backups
- Ability to choose file- or image-based backups
- Event notification via e-mail, Windows Popup 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
- Live disk imaging

<sup>1</sup> Acronis Universal Restore is an optional license

## 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<sup>SM</sup>

The Rings of Reliability depict how Acronis assists organisations by 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
- Virtualises 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
  - P2P, P2V, V2V, V2P
- Data availability
  - Minimise downtime
  - Ensure asset integrity

#### Environment

- Physical platforms
  - Servers
  - Workstation
  - Desktops/laptops
- Virtual operating systems
  - VMware (VMDK file format)
  - Microsoft (VHD file format)
  - Parallels (HDD file format)
  - Citrix XenSource (VHD file format)

Acronis offers four editions of Acronis True Image Echo. Use the table below to decide which one is best for your situation.

Feature	Enterprise Server	Server for Windows	Small Business Server	Workstation	Server for Linux
<b>Backup and System Protection</b>					
Disk imaging	✓	✓	✓	✓	✓
Differential and incremental backups	✓	✓	✓	✓	✓
Backups	✓	✓	✓	✓	✓
Exclude file types from file-based backups	✓	✓	✓	✓	✓
Password protection	✓	✓	✓	✓	✓
Encryption of backup files with industry standard AES (128, 192, 256 bit)	✓	✓	✓	✓	✓
Multi Volume Snapshots	✓	✓	✓	✓	
Dual Destination Backup	✓	✓	✓	✓	
Event-driven backup options	✓	✓	✓	✓	
VMware Consolidated Backup Support	✓	✓	✓		
Consolidation of backups	✓	✓	✓	✓	✓
<b>Recovery</b>					
Create bootable media using WinPE and BartPE	✓	✓	✓	✓	
Bare Metal Restore	✓	✓	✓	✓	✓
Mount images in read/write mode	✓	✓	✓	✓	
Acronis Active Restore (priority application restore)	✓	✓	✓	✓	
Acronis Startup Recovery Manager (boot recovery environment with F11 key)	✓	✓	✓	✓	✓
Dynamic disk support (LDM/LVM)	✓	✓	✓	✓	✓
Automatic reboot after restore option	✓	✓	✓	✓	✓
<b>Migration and Virtualisation</b>					
Convert image files to formats of VMware, Microsoft, Parallels, and Citrix XenSource for instant virtualisation	✓	✓	✓	✓	
Acronis Universal Restore (restore to dissimilar hardware)	✓	✓	✓	✓	
<b>Real Time Protection</b>					
Hot imaging/backups	✓	✓	✓	✓	✓
Microsoft Volume Shadow Copy Service (VSS) support	✓	✓	✓	✓	
CPU/network bandwidth/disk write speed throttling	✓	✓	✓	✓	✓
<b>Administration</b>					
Backup scheduling	✓	✓	✓	✓	✓
Notifications (e-mail, Windows Popup and SNMP if appl.)	✓	✓	✓	✓	
Logging (Acronis log, Windows event log if appl.)	✓	✓	✓	✓	✓
Wake-On-LAN support	✓		✓	✓	
Backup multiple increments throughout a single day	✓	✓	✓	✓	✓
Schedule periodic backup validation	✓	✓	✓	✓	✓
Clone existing task	✓	✓	✓	✓	✓
<b>Remote Administration</b>					
Central management console	✓		✓	✓	
Manage backup operations for groups of machines	✓		✓	✓	
Remote installation and configuration	✓		✓	✓	
Remote restore	✓		✓	✓	
PXE support	✓		✓	✓	
<b>User Interface</b>					
Wizard-driven GUI	✓	✓	✓	✓	✓
Command line interface	✓	✓	✓	✓	✓

## Supported Storage Media

- Local hard disk drives
- Networked Storage Devices (SAN, NAS)
- FTP servers
- CD-R/RW, DVD-R/RW, DVD+R/RW, BD-R
- ZIP®, REV® (from rescue media read only) and other removable media
- Tape support
- PATA (IDE), SATA, RAID, SCSI, SAS
- IEEE1394 (FireWire)
- USB 1.1/2.0 drives
- PC Card storage devices (PCMCIA)

## Supported Operating Systems

### Acronis True Image Echo Enterprise Server

Windows Server 2008 <sup>1)</sup>

Windows Vista Business / Ultimate <sup>2)</sup>

Windows XP Professional <sup>2)</sup>

Windows 2000 Professional <sup>2)</sup>

Windows 2000 Server / Advanced Server

Windows Server 2003

Windows Small Business Server 2003 / 2008 <sup>3)</sup>

Popular Linux distributions from glibc 2.3, from kernel 2.4.9 and 2.6.6; gcc and kernel sources must be available.

### Acronis True Image Echo Workstation

Windows Vista Business/Ultimate <sup>2) 4)</sup>

Windows XP Professional

Windows 2000 Professional

## Supported File Systems

FAT16/32, NTFS, DFS, Linux Ext2/Ext3, ReiserFS

JFS and XFS (in each case without changing the partition size)

## Supported Virtual File Formats

VMware (VMDK), Microsoft (VHD), Parallels (HDD),

Citrix XenSource (VHD) <sup>3)</sup>

### Acronis True Image Echo Server for Linux

Popular Linux distributions

- from glibc 2.3
- from kernel 2.4.9 and 2.6.6
- gcc and kernel sources must be available

### Acronis True Image Echo Server for Windows

Windows Server 2008 <sup>1)</sup>

Windows Server 2003

Windows 2000 Server / Advanced Server

Windows Small Business Server 2003 / 2008 <sup>3)</sup>

<sup>1)</sup> from build 8076

<sup>2)</sup> only Acronis Management Console

<sup>3)</sup> 30 days after general availability by Microsoft

<sup>4)</sup> without Acronis Active Restore, without remote installation and configuration

Please refer to the user guide for more information.

We support both x32 and x64 platforms if appl.

## Partners



## 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 achieved 'Runner Up' at SNS magazine's Business Continuity Project of the Year Award

For additional information please visit <http://www.acronis.eu> or e-mail [sales\\_eu@acronis.eu](mailto:sales_eu@acronis.eu)



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