Acronis

ACRONIS® BACKUP ADVANCED SUITE

UNIFIED DATA PROTECTION AND DISASTER RECOVERY SOLUTIONS
FOR MULTI-SYSTEM ENVIRONMENTS

What happens if your organization loses its data? Since data is your organization's most critical corporate asset, loss of data will lead to significant financial loss – unproductive employees, lost sales, contract penalties, and costs to recreate the data. If you are subject to regulatory compliance, you can also find yourself in a non-compliant state, resulting in high fines and brand damage. With the volume of data exploding and the information technology landscape changing, you know protecting your data is vital to ensure business continuity.
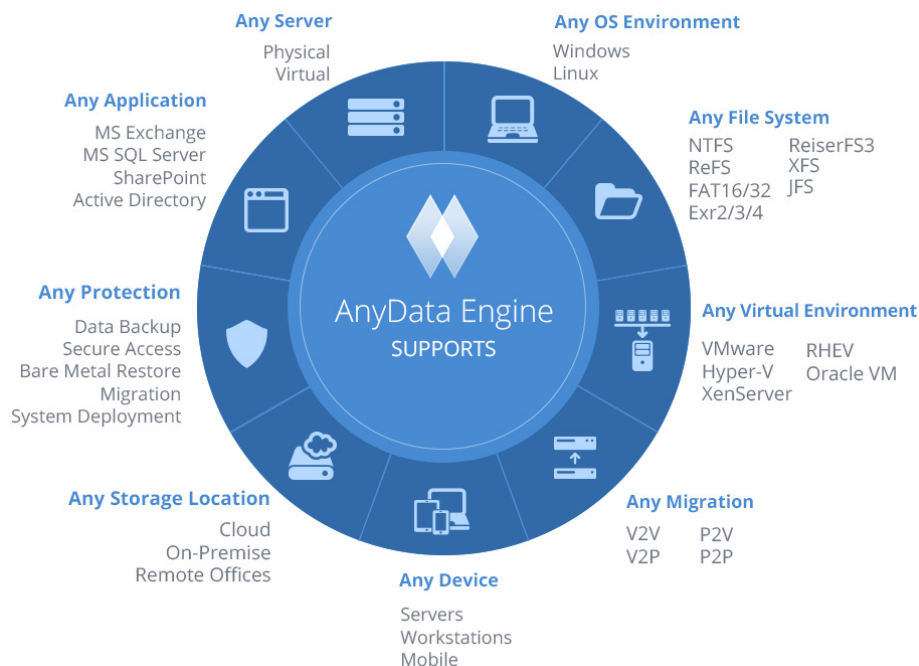
Acronis® Backup Advanced suite delivers the best in class data protection products for your entire environment. Powered by the Acronis AnyData Engine, the suite provides the fastest, most efficient backup and recovery available for your Windows® / Linux environments and VMware®, Microsoft®, Citrix®, Red Hat®, and Oracle® hypervisors - including the operating system, applications, configurations and data.

POWERED BY THE ACRONIS ANYDATA ENGINE

The Acronis AnyData Engine, built on advanced technology and fueled by over 100 patents, is the easiest-to-use and most innovative data protection technology available for capturing, storing, recovering, controlling and accessing the critical information your business depends on. It revolutionizes modern data protection by enabling best-in-class individual solutions - optimized for your most important workloads - to seamlessly blend into a total solution that protects any data, across any environment, in any location. The Acronis Management Server (AMS), which includes policy-driven controls and centralized reporting, provides one interface so you can easily manage all physical and virtual machine backups across your environment.

The Acronis AnyData Engine includes a patented disk-imaging technology to let you capture image-based backups and store all data in a universal backup format, allowing recovery to any hardware or virtual machine to provide the greatest flexibility in disaster recovery. You can recover an entire system – with all data intact – in minutes and you can restore files, folders, and applications to any location in record time.

THE ACRONIS ANYDATA ENGINE

Any Server
Physical
Virtual

Any OS Environment
Windows
Linux

Any Application
MS Exchange
MS SQL Server
SharePoint
Active Directory

Any File System
NTFS   ReiserFS3
ReFS   XFS
FAT16/32   JFS
Exr2/3/4

Any Protection
Data Backup
Secure Access
Bare Metal Restore
Migration
System Deployment

Any Virtual Environment
VMware   RHEV
Hyper-V   Oracle VM
XenServer

Any Storage Location
Cloud
On-Premise
Remote Offices

Any Migration
V2V   P2V
V2P   P2P

Any Device
Servers
Workstations
Mobile

AnyData Engine
SUPPORTS

EASY TO BACKUP AND RECOVER

- Protect any data, in any environment, across all locations
- Best-in-class individual products - optimized for your most important workloads - so you can get only what you need
- Individual products seamlessly blend to become unified backup solution for all of your physical and virtual server backup needs
- Image-based backups quickly capture all data in one easy step
- Backup to local disk, network disk, tape, and cloud storage
- Easily recover to any hardware or virtual machine
- Recover individual files, folders, applications and complete systems in minutes

THE BEST BACKUP AND DISASTER RECOVERY SOLUTION

Disk Image Technology - The Acronis AnyData Engine saves complete images to a variety of backup targets including local disk, network storage, tape, and cloud. You then have the ability to recover the complete image or selected files, folders, and applications.

Business Applications Protection – The Acronis AnyData Engine provides consistent single-pass backup and application-aware restore for Microsoft® SQL Server®, SharePoint®, and Active Directory®. Acronis also provides Exchange backup with support for clustered Exchange configurations, enabling granular recovery of individual Exchange items like emails or mailboxes.

Complete Virtual Server Protection – The Acronis AnyData Engine provides support for popular virtualization technologies including data protection and migration capabilities between various hypervisors and physical machines (P2V, V2V, V2P, and P2P).

Centralized Management - Manage all physical and virtual machines locally or remotely with the Acronis Management Server. Assign backup plans to one or more machines, review status updates, generate reports, and receive alerts – all from a single console.

Modular Architecture - The Acronis AnyData Engine's modular architecture lets you add more Acronis Backup Advanced products to your core solution at any time. Buy the product that you need today and as your business grows, add on products to protect your new servers or workstations without having to install a completely new backup environment.

Backup Scheduling - Automatically run backups based on your schedule, pre-defined industry-standard schemes such as GFS (Grandfather-Father-Son), or triggered by specific events.

Compression and Deduplication – With built-in, block-level data deduplication and compression, backup data volumes are reduced by up to 90%, optimizing backup speed, reducing storage requirements, and minimizing network loads.

Backup Replication and Staging – Upon completion of the backup process, the Acronis AnyData Engine automatically replicates backup data between various storage locations, including Acronis Cloud. Staging automatically moves the backup data to a new storage location when the retention period for the current storage media expires. Acronis deletes older backups at the end of the retention period to save space for newly created backups.

Acronis Universal Restore - Restore your systems to different hardware or quickly recover your entire server onto bare-metal and minimize expensive downtime.

Acronis Active Restore – Unique technology enables users to start working before the restore is complete by copying only the files you need for fast recovery. The rest of the data is restored in the background.

Catalog and Indexing – The Acronis AnyData Engine provides backup indexing and a centralized catalog so you can quickly find a particular version of a disk image, file, folder, application database, or individual data item – even if backups are stored on different storage media.

Throttling – In order to minimize the impact of running backups during production hours, the Acronis AnyData Engine lets you limit network bandwidth and disk-write speed.

Encryption – The Acronis AnyData Engine encrypts data, in transit and in rest, using military grade AES-256 encryption, helping to protect your data from unauthorized access.

Validation and Consolidation – With the Acronis AnyData Engine, you can validate backups manually or schedule to ensure systems and user data are recoverable. Consolidation of incremental backups helps save additional storage space.

ACRONIS BACKUP ADVANCED SUITE OF PRODUCTS

For physical, virtual, cloud and heterogeneous environments:

- **Acronis Backup Advanced for Windows Server:** Image-or file-based backups of entire Windows machines running a Windows Server Operating System

- **Acronis Backup Advanced for Windows PC:** Image-or file-based backups of entire Windows machines running a workstation operating system

- **Acronis Backup Advanced for Linux Server:** Image-or file-based backups of entire Linux machines

- **Acronis Backup Advanced for VMware / for Hyper-V:** Agentless backup for VMware / Hyper-V virtual machines including application support for Microsoft Exchange, SQL Server, SharePoint and Active Directory

- **Acronis Backup Advanced for Citrix XenServer / for RHEV / for Oracle VM:** Agent-based backup for Citrix XenServer / RHEV / Oracle VM virtual machines running Windows or Linux as guest operating system including application support for Microsoft Exchange, SQL Server, SharePoint and Active Directory

- **Acronis Backup Advanced for Exchange:** Backup of Microsoft Exchange Server with cluster support and granular recovery

- **Acronis Backup Advanced for SQL / for SharePoint:** Single-pass backup of Microsoft SQL Server / any server role in a SharePoint farm with application-aware restore, from a single database / content database to the entire server

- **Acronis Backup Advanced for Active Directory:** Consistent single-pass backup and recovery of Domain Controllers, Active Directory databases, SYSVOLS and logs

- **Acronis Backup to Cloud:** Flexible subscriptions available for scalable offsite storage in secure datacenters – initial seeding and large-scale recovery programs available

BENEFITS

- Powerful, yet affordable suite of products powered by the Acronis AnyData Engine

- Modular architecture lets you add on additional Acronis Backup Advanced suite products as your business grows

- Centralized management and reporting eases IT administration

- Flexible recovery options simplify disaster recovery and help ensure business continuity

- Installation and configuration procedures require virtually zero learning curve

- Complete yet easy to install, configure, and manage

ACRONIS BACKUP ADVANCED SUITE OVERVIEW OF FEATURES

Powered by the Acronis AnyData Engine to deliver best-in-class capabilities for complete data protection, data management, and disaster recovery

Safe, Flexible Backup

- Image-based backup of entire systems
- File-based backup of selected local folders or network shares
- Integrated backup for Microsoft Exchange Server
- Single-pass backup for Microsoft SQL Server, SharePoint and Active Directory
- Automatically wake up machines for backups with Wake-on-LAN
- Automated Disaster Recovery Plan

Improved Disaster Recovery

- Full system recovery in minutes
- Recovery of Windows or Linux machines to the same or dissimilar hardware or a VM
- Press and hold F11 to boot into Acronis Startup Recovery Manager and perform a recovery

Simplified Data Recovery

- Centralized catalog and search capabilities across all backups – even if backups are stored on different storage media
- Recovery of files, folder, databases, mailboxes, emails and other items
- Granular recovery from Exchange database backups
- Bare metal restore

Superior Virtualization Support

- Agentless backup for VMware vSphere and Microsoft Hyper-V
- Agent-based backup for VMware, Hyper-V, Citrix, Red Hat, KVM, and Oracle VM
- P2V, V2V, V2P, and P2P migrations

Easy-to-Use Centralized Management

- Easy-to-use centralized management of all physical and virtual machines
- Intuitive user interface makes it easy to install, configure, and deploy
- Sophisticated alerting and reporting system

Powerful and Efficient Storage Management

- Automatic validation and clean-up of old backups
- Replication / staging automatically stores backups in multiple locations, including Acronis Cloud Storage
- Data encryption (AES-256) for secure data access, storage, and transfer
- Image backups exclude unused blocks, unnecessary files, and custom folders specified by a user to reduce backup time and storage requirements
- Incremental and differential backups with change block tracking reduce the amount of data transferred and stored for each backup
- Block-level source- and target-side deduplication and compression reduce storage volumes by up to 90%

Broad Range of Storage

- Acronis Secure Zone - special protected partition on local disk
- Local disks - SATA, SCSI, IDE, RAID
- Networked storage devices - SMB, NFS, iSCSI, FC, FTP
- Tape drives, autoloaders and tape libraries
- Optical media - CD, DVD, HD-DVD, Blu-Ray
- Removable media - ZIP®, Rev®, RDX®, etc.
- External HDDs and SSDs - USB 3.0/2.0/1.1 and IEEE1394 (Firewire)
- Private, Hybrid and Public Cloud Storage - FTP, SFTP
- Acronis Cloud Storage

For additional information, please visit http://www.acronis.com

To purchase Acronis products, visit www.acronis.com or search online for an authorized reseller. Acronis office details can be found at http://www.acronis.com/company/worldwide.html