

# Acronis SCS Cyber Backup

The most reliable and easy-to-use  
backup for organizations of all sizes

## PROTECTING AN ORGANIZATION'S MOST VALUABLE ASSET DOESN'T NEED TO BE DIFFICULT

Lost data leads to lost revenue and downtime, often results in customer dissatisfaction, regulatory fines and additional expenses to get running again. That's why organizations depend on the availability and security of all data. Uptime demands put IT pros under tremendous pressure to protect every piece of growing data, without impacting production systems. They must keep the organization running 24-hours a day in order to meet SLAs. They need a fast, scalable, data protection infrastructure that doesn't consume their limited budgets.

## ACRONIS SCS CYBER BACKUP HELPS KEEP YOUR ORGANIZATION RUNNING

Keep your organization running in any disaster by proactively preventing downtime or immediately, reliably, restoring any piece of data. Keep growing, do more, spend less. Get unlimited scalability, protect any future workload, and leverage any storage and/or cloud. You can keep your costs low and productivity high.

## FULL AVAILABILITY, NO DOWNTIME

### Back to work in seconds

- Prevent ransomware attacks
- Recover VMs before anyone realizes there was a problem
- Restore servers or PCs to bare metal or dissimilar hardware

## FAST BACKUP, NON-STOP BUSINESS

### Near-zero impact on production systems

- Meet the toughest backup windows
- Save computer and networking capacity with deduplication and off-host operations
- Deploy backups in just three clicks for instant protection

## COMPLETE PROTECTION, NOW AND FOREVER

### 20+ platforms protected

- Secure clouds, hypervisors, apps and mobile devices
- Protect your organization no matter what technology you onboard
- Scale storage and operations easily as data grows

## SPEND LESS, BEST ROI AND TCO

### Up to 40 percent savings vs. traditional backup

- Avoid upfront costs and switch from legacy solutions easily
- Save up to 10 times on the storage space with deduplication techniques
- Retain 20 percent of work hours with simplified, automated administration

20+  
platforms  
protected

3

clicks to instant  
protection

2X

faster than the closest  
competitor

200,000

ransomware attacks  
prevented

## FULL AVAILABILITY, NO DOWNTIME

Ensure organization continuity by recovering from disaster in seconds or proactively avoiding downtime.

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### **Proactive ML-based ransomware protection**

Secure all data including network shares and removable devices from ransomware attacks. The machine-learning models trained in our AI infrastructure recognize numerous ransomware types and suspicious behavior and prevent actual ransomware from attacking. Acronis SCS Active Protection detects zero-day attacks, stops questionable behavior, and automatically recovers damaged files.

### **vmFlashback**

Recover after a failure up to 100 times faster with minimum network impact. This technology tracks and saves only changed blocks of information in the backup to significantly reduce the recovery time of virtual machines.

### **Disaster Recovery as a Service**

Gain total availability of your critical workloads no matter what kind of disaster strikes. Disaster recovery on top of your backups ensures quick failover to the cloud and instant access to your backups, boosting your business continuity with no efforts.

### **Instant restore**

Reduce recovery times with best-in-industry RTOs by immediately starting your backup as a Windows or Linux virtual machine directly from storage. Have your VM up and running in mere seconds, while our Instant Restore technology invisibly moves your data to the host in the background.

### **Automated, remote and bare-metal recovery**

Accelerate your recovery up to 2 times with a complete system image that's ready for reinstallation, and smart technology that automatically detects boot requirements. Restoring a full system on a computer with an empty "bare-metal" disk drive is now a snap.

### **Universal restore**

Restore an entire system to new, dissimilar hardware with a few clicks. By overcoming compatibility issues, this technology ensures quick, easy system migration between physical and virtual platforms. You'll be up and running on a new machine in minutes.

## COMPLETE ORGANIZATION PROTECTION

Keep every bit of your data protected no matter what technology you onboard or the amount of data you generate.

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### **Data protection across 20+ platforms**

Every system – physical, virtual or cloud – and all workloads are consolidated to safeguard data across all platforms. Any new application is integrated seamlessly into your existing environment, delivering continuous and ultimate data protection.

### **Scalability with deduplication**

Deduplication provides room to grow. No matter the amount of data you have, even with limited infrastructure and tough storage requirements, you can scale and protect growing volumes of data. Extend the data source by adopting the same storage space.

### **Cloud-to-cloud backup for Microsoft Office 365 Data**

Put your Microsoft Office 365 data under control ensuring compliance, quick access to backed up data and greatly improved RTO. With Acronis SCS Cyber Backup it is possible to backup data from Microsoft data centers directly to secure cloud data centers ensuring quick start with no upfront costs.

### **Multi-level administration**

Multiple admin roles ensure uninterrupted surveillance of all data sites such as remote offices, branch offices, and departments with the ability to manage your backups 24/7 should data volume grow.

### **Flexible storage**

Balance the value of data, infrastructure and any regulatory requirements with flexible storage options. Grow with ease using the storage that fits your needs: NAS, SAN, tapes, disks, Acronis Cloud, or any private or public cloud, such as Azure, AWS, or Google.

### **Software-defined storage**

Pair with our software-defined storage solution for unparalleled flexibility and reliability with commodity hardware. Our solution unites file, block, and object-based storage in a single, scale-out storage solution to cover all use-cases and scenarios.

## FAST BACKUPS, NON-STOP BUSINESS

Run backups as often as you need, with no impact on overall performance. Improve your RPO and save money in case of disaster.

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### Offload VMware VM snapshots

Revert any amount of data to a specific point in time quickly, restoring prior functionality. Enhance hypervisor resource utilization by offloading VMware VM snapshots to NetApp SAN storage.

### Off-host operations

Meet tight backup windows, maintain business productivity, and reduce machine load by moving validation, retention, and replication to another system.

### Disk-image backups

Safeguard your entire organization by easily, reliably and frequently backing up the entire system as a single file, ensuring a bare metal restore capability. In the event of a data disaster, you can swiftly restore all information to new hardware.

### Variable block-size deduplication

Protect more systems while reducing the impact on disk-storage and network capacity by capturing only the blocks with the changed data since the previous backup.

### Reduced network consumption

Make your backup process faster and more efficient with high-performance inline deduplication. The compression of data speeds up disk operations and network transfers.

### Physical data shipping <sup>NEW</sup>

Protect large amounts of data by sending encrypted versions of your full system backups to our secure cloud storage. Save time and money and ensure even more protection for your data with regular incremental and differential backups.

## BEST ROI AND TCO

Keep investments low, striking the balance between the value of data, recovery speeds, protection costs, and resources optimization.

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### Flexible deployment

Save money on infrastructure by leveraging on-premises or cloud deployment models for management servers. Address growing needs or prepare for future alteration with hosted deployment, scaling immediately with no capital investments.

### Simple licensing

Eliminate a significant capital expense and avoid hidden costs with subscription licensing. Flexible licensing options make it easy to switch from your legacy solution with minimal upfront costs and the ability to scale your full infrastructure.

### Storage optimization

Save costs and optimize network bandwidth, reducing your total storage requirements. Acronis SCS Cyber Backup uses high-performance deduplication technologies that result in improved storage utilization and assets management.

### Affordable protection

Manage the speed of recovery for all valuable data, keeping the costs for the protection low. Choose the storage that addresses your needs with the variety of supported options – from tape drives to fast, hot storage.

### Smart resources management

Free up resources while improving your ability to restore data and manage backup. Acronis SCS Cyber Backup's intuitive, web-based management console provides full insights on infrastructure utilization and allows IT generalists to perform backup tasks with minimal involvement.

## SUPPORTED SYSTEMS

### Operating Systems for On-Premises Console Installation

- Windows Server 2019, 2016, 2012/2012 R2, 2008/2008 R2\*
- Windows Small Business Server 2011, 2008
- Windows MultiPoint Server 2012, 2011, 2010
- Windows Storage Server R2/2016, 2012/2012 R2, 2008/2008 R2
- Windows 10, 8.1, 8, 7
- Linux x86\_64 with kernel from 2.6.18 to 4.9 and glibc 2.3.4 or later

### Microsoft Windows

- Windows Server 2019, 2016, 2012 R2, 2012, 2008 R2, 2008, 2003 R2, 2003\*
- Windows Small Business Server 2011, 2008, 2003 R2, 2003
- Windows MultiPoint Server 2012, 2011, 2010
- Windows Storage Server R2/2016, 2012 R2, 2012, 2008 R2, 2008, 2003
- Windows 10, 8.1, 8, 7, Vista, XP SP3

### Linux

- Linux with kernel from 2.6.9 to 4.15 and glibc 2.3.4 or later
- Various 32-bit (x86) and 64-bit (x86\_64) Linux distributions including:
  - Red Hat Enterprise Linux 4.x–7.6
  - Ubuntu 9.10–17.10, 18.04, 18.10
  - Fedora 11–29
  - SUSE Linux Enterprise Server 10–12\*
  - Debian 4–9.6
  - CentOS 5.x–7.5
  - CloudLinux 7, 7.1
  - ClearOS 5.x, 6.x, 7, 7.4
  - Oracle Linux 5.x–7.5 (including UEK)

### Mac OS X / macOS

- OS X 10.11 or later\*
- macOS 10.13 High Sierra
- macOS 10.14 Mojave

### Mobile Operating Systems

- iOS 8 or later
- Android® 4.1 or later

### Cloud

- Office 365®: Exchange Online SharePoint Online, OneDrive for Business
- Amazon Web Services EC2® Instances
- Microsoft Azure® VMs

### Hypervisors

- VMware vSphere ESX(i) 6.7, 6.5, 6.0, 5.5, 5.1, 5.0, 4.1, including vSphere Hypervisor (free ESXi)\*

- Microsoft Hyper-V Server 2019, 2016, 2012 R2, 2012, 2008 R2, 2008
- Microsoft Windows Server 2019, 2016, 2012 R2, 2012, 2008 R2, 2008 with Hyper-V
- Microsoft Windows 10, 8.1, 8 (x64) with Hyper-V
- Citrix XenServer® 4.1–7.6\*
- Red Hat® Virtualization 2.2–4.1
- Linux KVM
- Oracle VM Server 3.0–3.3
- Oracle VM VirtualBox 4.x
- Nutanix AHV from 20160925.x to 20180425.x
- Proxmox Virtual Environment 5.3-8

### Applications

- Oracle Database 12, 11\*
- Microsoft Exchange Online
- Microsoft Exchange Server 2016, 2013, 2010, 2007 – including cluster configurations
- Microsoft SQL Server® 2017, 2016, 2014, 2012, 2008 R2, 2008, 2005 – including cluster configurations
- Microsoft SharePoint® 2013, 2010 SP1, 2007 SP2, 3.0 SP2

### Storage

- Local disks – SATA, SCSI, IDE, RAID
- Networked storage devices – SMB, NFS, iSCSI, FC
- Removable media – ZIP®, Rev®, RDX®, etc.
- External HDDs and SSDs – USB 3.0/2.0/1.1 and IEEE1394 (Firewire)
- Tape drives (incl. LTO8), autoloaders, and libraries, including media management and barcode support
- Acronis Cloud Storage
- Acronis Storage
- Amazon S3, Azure Storage, Google
- Cloud with Acronis Storage Gateway

### File Systems

- FAT16/32
- NTFS
- HFS+\*
- ReFS\*
- ext2/ext3/ext4
- ReiserFS3, ReiserFS4\*
- XFS\*
- JFS\*
- Linux SWAP

### Web Browsers

- Google Chrome® 29 or later
- Mozilla Firefox® 23 or later
- Opera 16 or later
- Windows Internet Explorer® 10 or later
- Microsoft Edge® 25 or later
- Safari® 8 or later (running in Apple OS X and iOS)

Sign up for a 30-day trial of Acronis SCS Cyber Backup at <https://acronisscs.com/backup-trial/>

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Award Winning  
Backup Solution



\* Some limitations may apply.