

# Xopero ONE Backup&Recovery Portfolio

All-in-ONE backup and Disaster Recovery software - for physical, virtual environments, and SaaS applications.

Automatic backups, multi-storage system, easy replication, ransomware protection, instant restore and advanced Disaster Recovery technologies - reduce the risk of data loss and ensure business continuity.

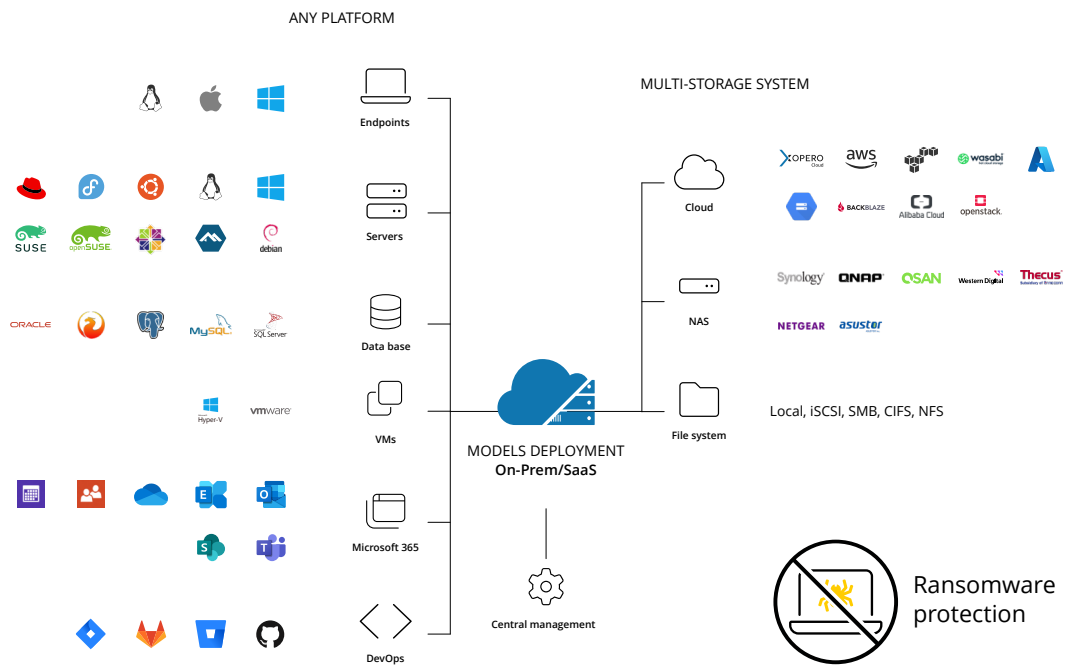


## Multi-storage system

Xopero Cloud, AWS Storage, Wasabi Cloud, Backblaze B2, Google Cloud Storage, Azure Blob Storage and all S3 compatible clouds as well as local disk resources, SMB, NFS, CIFS, hybrid environments or multi-cloud - keep all the data wherever you want, even in multiple locations.

## On-premise or SaaS deployment model

Choose your deployment model on your own infrastructure - Windows, Mac OS and Linux or install management service and backup agent on a containerized environment on any NAS or in the cloud. And if you don't want to install anything, use Xopero ONE in the SaaS deployment model and start protecting your data immediately.



## Top security for legal compliance



In-flight and at rest encryption with the AES algorithm



Ransomware protection & immutable storage



Secure Password Manager



No Single Point of Failure

## High-performance backup

### Policy-based backup

Data and devices, storage, backup types, scheduler, and advanced settings - easily customize your backup policy to protect any data, even unlimited number of devices. Set up as many plans as you need to meet your organization and legal requirements.

### Backup compression on source

Choose the preferred compression algorithm and level. Ensure fast backup, less transfer, and network utilization. Reduce storage usage without any impact on data compliance. Get compression of up to 60% - one of the highest on the market.

### Global deduplication on source

The most efficient deduplication method that checks and eliminates the same blocks in backup across all sources and datasets in an organization to perform smaller backups, as well as reduce bandwidth usage and storage consumption.

### Advanced backup schemes

Set up a backup scheme that suits the size, policies and strategy of your business and infrastructure. We offer a wide range of possibilities - from simple to the most advanced. Basic, Custom, Grandfather-Father Son (GFS) and Forever Incremental - choose yours.

### Replication between all kinds of storages

Set a replication plan and store native backup copies on many storages (cloud or local) without necessity to perform the same backup to different locations. Easily implement the 3-2-1 backup rule and eliminate vendor lock-in.

## Flexible restore and DR

### Any2Any Restore

Restore your data to any operating system (even with different parameters) or Microsoft 365 tenants. Restore emails to your computer, files from Windows to Linux, restore the entire disk image and use it to create virtual machines. Always have immediate access to all the data. Easy migration? Definitely!

### Instant Disaster Recovery

Get instant access to files from a disk image or an entire copy by restoring in VHD, VHDX, VMDK and RAW format and create a virtual machine without the need to export. Instantly restore your production environment, even in the case of data failure or encryption, and keep your business running.

### Bare Metal Restore

Restore your backed-up data and the whole system to the same or a new device using a specially crafted bootable tool. Even remotely - just use a flash drive, connect to the central management console, and set up a remote BRM for multiple locations or company branches.

### Granular restore

Instantly restore selected files and data from an image copy, specific files and folders from a virtual machine image copy, or individual folders, files, emails and attachments from the Microsoft 365 backup without the need to restore the entire system or application.

### Point-in-time recovery

Don't limit yourself to the last copy. Thanks to flexible versioning and long-term retention, you can restore data from a specific point in time. Just select the specific copy you want to restore, specify the destination and get instant access to the data you need.

## Central Management

### Web-based central management console

Manage your data protection through a web-based central management console and have access anywhere, anytime - directly from your browser.

### Multi-tenancy - set roles, and privileges

Add new accounts to delegate responsibilities with your team. Set roles, grant or limit permissions to each account to have more control over access, and data protection.

### Easy monitoring and reporting

Track all actions performed in the system with email reports and Slack, audit logs, visual statistics and reports. Stay up to date, make faster decisions and react instantly. With SLA reports, you'll see if and in what percentage your resources were secured within the selected interval timeframe.

### The most user-friendly interface

Intuitive dashboards, visual statistics, real-time actions - take advantage of the super-easy interface with effective management.

### Plans and device-based management

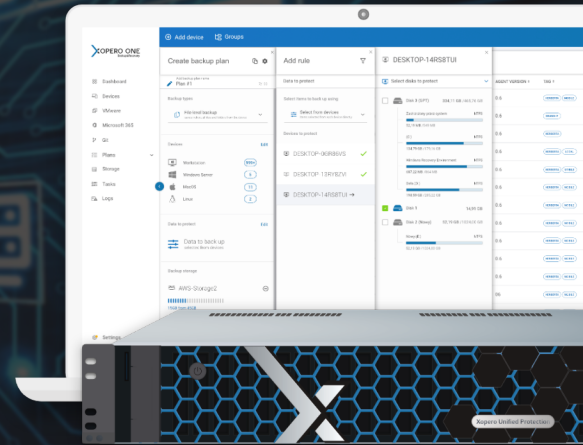
Manage your policy from plan or device levels - depending on your needs, size, preferences, and IT infrastructure.

### Compliance section

You can see at a glance whether your copies meet the criteria for security, which are the basis for numerous standards and certifications. Percentage of resources with active backup, encryption and much more.

# Xopero Unified Protection

A highly efficient backup device with a ready-made Business Continuity and Disaster Recovery (BCDR) solution, effectively protects any IT infrastructure against the effects of ransomware attacks and failures.



## Protect environment

no licenses limit



Endpoints



Servers



Data bases



VMs



## Benefits

Unlimited licenses,  
Monthly reports,  
Automatic updates,  
Guarantee NBD onsite,  
Technical Support,  
Xopero Cloud Storage - for replication.

## Plug & Play model

A configured, ready-to-work solution that combines a reliable backup system and efficient storage immediately after being connected to network.

## Flexible scalability

Optimized scalability for easy expansion (locally and in the cloud). Add more XUP appliances as disk arrays.

## Air gap system

The highest level of protection against all types of malware - keeping your infrastructure safe from the threat spread.

## Cost and time savings

Protect workstations and laptops, servers, virtual machines and Microsoft 365 in a single, central console to manage all of your backups.

## Disaster Recovery and Business Continuity (BCDR)

Take advantage of the ready-to-use BCDR system, including automatic disaster recovery. Instantly restore critical data and services, and maintain business continuity in the event of failure.

## Priority: Cyber Security

Advanced encryption settings, custom key, AES algorithm, long-term retention, access restrictions, secure Data Center, SOC 2 Type II compliance, ISO27001, RODO and more.

## XXL Security

Full, differential and incremental backups, GFS copy rotation scheme, compression settings - create any backup policy for any size and type of IT infrastructure.

# Reliable endpoint backup

Incidents, human errors, hardware damages, cyber attacks ... all of these situations can cause the loss of access to endpoint device data and the results of your work. Don't think "what if..." - make sure your data is protected, accessible and recoverable from any point in time.



## Supported platforms

### Windows OS:

7+

### Mac OS:

10.13+

### Linux OS:

Alpine: 3.10+, Debian: 9+,  
Ubuntu: 16.04+, Fedora:  
29+, CentOS: 7+, RHEL: 6+,  
openSUSE: 15+, SUSE  
Enterprise Linux (SLES):  
12 SP2+



Ransomware  
protection

## Security first

ISO 27001

SOC 2 Type II

SAML integration

## Reliable and unlimited protection of endpoints

Mass deployment options allow you to quickly install a backup agent on tens or hundreds of endpoints thanks to the MSI installer. Additionally, you can create any backup policy and protect all or selected devices within one plan.

## Smart File and Image Backup

Schedule automatic file or image copy (full, incremental, and differential) to backup all data, specific files and folders or entire system. Use filtering to have full control over the copy content.

## Full, incremental, and differential backups

Create full copies and then include only changed blocks of the file copies or image backups to reduce the size of the copies and speed up the backup performance.

## Application-aware backup

Back up selected files and folders or the entire drive image, even while you are working on the device, and keep all data consistent in a copy.

## Backup window

Define the exact time range (days and hours) when backup can run. This time cannot be exceeded. It gives administrators full control over backup performance.

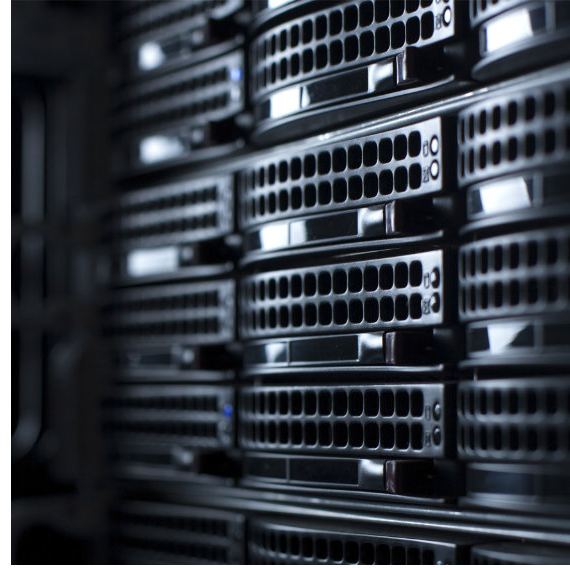
## Automatic computer shutdown after backup

Start the backup while finishing your work and the computer will be safely turned off once the backup is completed.



# Effective server backup

Your company's servers store the most valuable data - have you wondered how long your business will survive without access to critical data? Forget about this scenario. Xopero ONE will effectively protect your physical environment and ensure business continuity.



## Supported Platforms

### Windows:

2008 R2+

### NAS devices:

as contener

### Linux:

Alpine: 3.10+, Debian: 9+,  
Ubuntu: 16.04+, Fedora:  
29+, CentOS: 7+, RHEL: 6+,  
openSUSE: 15+, SUSE  
Enterprise Linux (SLES):  
12 SP2+



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## Smart File and Image Backup

Schedule automated file or image backups of Windows- and Linux-based physical servers and network shares. Use filtering to have full control over the copy content.

## Full, incremental, and differential backups

Create full copies and then include only changed blocks of the file copies and image backups to reduce the size of the copies and speed up the backup performance.

## Application-aware backup

Back up selected files and folders or the entire drive image, even while you are working on the server, and keep all data consistent in a copy.

## Easy protection of unlimited servers

Mass deployment options, backup window, incremental and differential backup, skipping SWAPs and empty blocks, global deduplication on source and compression up to 60% - to easily protect even the most complex and numerous infrastructure.

## Native database backup

Perform native backups and restore for MS SQL, MySQL, PostgreSQL, Firebird, and Oracle databases to easily protect the most essential part of your business data.

## Pre/post-backup, post-snapshot scripts

Perform custom scripts before, during, and after the backup task to maintain full control over the backup process and craft it to your needs.

## Ransomware protection

Non-executable data in the copy, immutable storage, replication, limited access to storage credentials - all of that help to protect you not only against ransomware, but against spread the risk in your infrastructure.

# High-performance VMware backup

Enterprise-class protection of your virtual environments doesn't have to be complicated or overpriced. Xopero ONE Backup & Recovery for VMware stands out with simplicity, cost effectiveness, and reliability, meeting the expectations of the most demanding virtual and hybrid environments.



## Supported Platforms

**VMware vSphere:**  
vSphere v6.7+

**VMware ESXi:**  
ESXi v6.7+



Ransomware protection



## Agentless VMs backup

Backup single or multiple VMs including all disk data and configuration files directly from your ESXi host/vCenter server without any need to install an agent inside each VM.

## Application-aware backup

Protect the entire VM and keep application data consistent in a copy. With the application-aware feature, your backups will include all data, even the one from the working apps, and you will have a guarantee that your copy is complete and consistent.

## LAN-free backup

Reduce the load of your production network and speed up a backup with LAN-free data transfer modes (HotAdd and SAN transport), so no additional optimization is needed.

## Fast Incremental backups with VMware CBT

Thanks to the VMware Changed Block Tracking (CBT) Xopero ONE downloads only changed parts of the VM to back up instead of the entire VM. Your backups are faster and save storage space.

## Multiple recovery options

Restore the backup data granularly, restore the whole machine, instantly boot a VM, or perform a migration to another VM environment.

## Test restore

Set a restore plan and schedule to automatically recover the latest copy of the entire machine or run the VM directly from the backup to test performance. Get a report with a screenshot. Instantly verify VMware backups and measure RTO to better plan your business continuity plan.

# Efficient Hyper-V backup

Increase efficiency, reduce data loss risk, and ensure complete protection for your virtual environment, regardless of the complexity and requirements. Xopero ONE Backup & Recovery for Hyper-V enables flexible backup policies that suit the most demanding business needs.



## Supported Platforms

Windows Server 2016+  
Windows 10+

## Customer quotes

*What I like most is the ease of use and setting up backup jobs, and the fact that the software includes all the features you need and works on all popular operating systems.*

**Łukasz D. IT Administrator**  
- evaluation from Capterra website



Ransomware protection

## Agentless Hyper-V backup

Backup single or multiple Hyper-V machines, including all disk data and configuration files directly from your Hyper-V host/server without any need to install an agent inside each VM.

## Application-aware backup

Protect the entire VM and keep application data consistent in a copy. With the Volume Shadow Copy Service (VSS), your backups will include all data, even the one from the working apps, and you will have a guarantee that your copy is complete and consistent.

## LAN-free backup

Reduce the load on your production network and speed up a backup with LAN-free data transfer transfer and no additional optimization.

## Fast incremental Hyper-V RCT backup

Thanks to the Hyper-V Resilient Change Tracking (RCT) Xopero ONE downloads only changed parts of the VM for backup instead of the entire VM. Your backups are faster and save storage space.

## Advanced backup settings

Set the backup plan that meets your expectations and needs. Use basic or more advanced settings - backup window, retention schemes, compression, encryption, and more - to have control over everything. Backing up even the most complex virtual infrastructure has never been easier.

## Multi-storage system

Xopero Cloud, AWS Storage, Wasabi Cloud, Backblaze B2, Google Cloud Storage, Azure Blob Storage, and all S3 compatible clouds or local disk resources, SMB, NFS, CIFS, hybrid or multi-cloud environment - use your cloud or local storage, save money and do not invest in additional IT infrastructure.



# Backup Microsoft 365 for your compliance needs

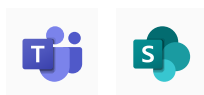
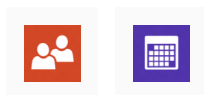
Microsoft recommends having the third-party backup solution to M365 backup software in order to implement the principles of the shared responsibility model. Xopero ONE ensures the availability of application data, long-term retention, flexible and granular restoration, taking the majority of your responsibilities in this regard.



## Shared Responsibility

**Microsoft recommends having the third-party backup solution**

Xopero protect all your data:



Ransomware protection

## Easy setup

Add your Microsoft 365 organization (or several ones) by logging into the service. Then use the predefined M365 data backup plan or set your own and enjoy automatic backups.

## Dedicated Microsoft 365 dashboard

Organization details, protected applications, plan summary, statistics, event logs and more... Manage your Microsoft 365 protection in the simplest and most intuitive way.

## Unlimited retention

Forget about default short-term retention in M365. Define it by number of copies, the time or keep them infinitely your organization's legal requirements and the Shared Responsibility Model.

## Granular restore and easy search data in a copy

Restore entire mailboxes or applications, or take advantage of the fast restore of selected files, folders, emails and documents - from any point in time. Use filters to easily find specific data for restore.

## Cross-user recovery

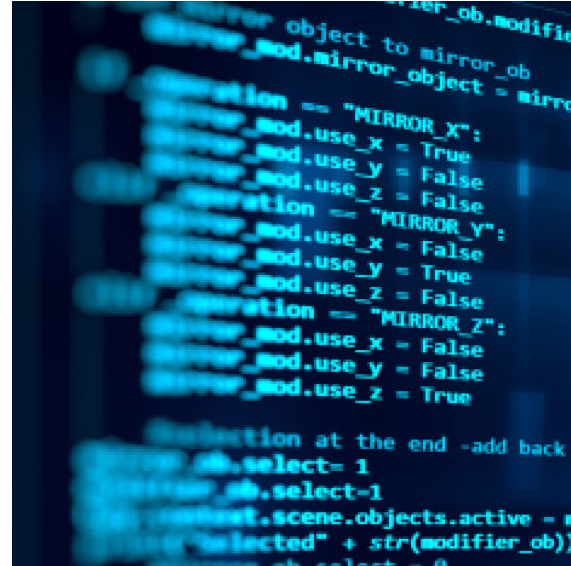
Restore data to the same tenant or to a different account. This function can be useful during organizational changes - especially at the time of dismissal, employment or promotion of an employee.

## Ransomware protection

Non-executable data in the copy, immutable storage, replication, limited access to storage credentials - all of that help us to protect you not only against ransomware, but protect your infrastructure against the spread of the risk.

# GitProtect.io - #1 DevOps backup platform

Source code and IT projects are undeniably the most important resources in any business. Therefore, the data stored in GitHub, GitLab, Bitbucket and Jira must be properly secured against failures, attacks or human errors. That is the reason why cloud service providers themselves, including Microsoft, GitLab and Atlassian, recommend using a third-party backup software, such as GitProtect.io.



## Protected data

**GitHub:** repositories, LFS, and metadata, including: Wiki, Issues, Issue comments, Downloads, Deployment keys, Pull requests, Pull request comments, Webhooks, Milestones, Labels, Pipelines/Actions, Tag, Releases, Collaborants, Commits and much more.

**Bitbucket:** repositories, LFS, and metadata, including: Wiki, Issues, Issue comments, Downloads, Deployment keys, Pull requests, Pull request comments, Webhooks, Pipelines/Actions, Tag, Commits and much more.

**GitLab:** repositories, LFS, and metadata, including: Wiki, Issues, Issue comments, Downloads, Deployment keys, Pull requests, Pull request comments, Webhooks, Labels, Milestones, Pipelines/Actions, Tag, Releases, Collaborants, Commits and much more.

**Jira:** Projects, Issues, Roles, Workflow, Users, Comments, Attachments, Boards, Versions, Fields, Votes, Audit logs and much more.

## Automatic backup of all the data

Protect your GitHub/Bitbucket/GitLab and Jira environments and keep your data consistent in copies. Just add your account to start protecting all your data immediately, including new repositories and projects. Use API to easily add backup to your CI/CD pipeline.

## Policy based backup

Choose repositories and metadata or Jira data (all/selected) to protect, specify a schedule for backup to perform, define backup type (full, incremental, differential) and set retention for each of them. Use many advanced plan settings to create a backup policy that meets your organization's policies and legal requirements. Create one or more plans and restore your backup at any point in time.

## Security features for compliance with SOC 2 and ISO27k

Take advantage of the high-level standards and security features including in-flight and at rest encryption with your own, AES 256-based encryption key, zero-knowledge encryption, unlimited retention, ransomware protection, multi-level management and advanced Disaster Recovery technologies to meet your certification requirements and assumptions of Shared Responsibility Models.

## Cross-recovery and other recovery options

Restore data to the same or another instance (local or cloud), even to a different service provider (e.g. from Bitbucket to GitHub/GitLab and vice versa) or to a local device. When restoring Jira, you can exclude users to bypass licensing limits or restore data to a free account. Thanks to our Disaster Recovery technologies, you can be resistant to every downtime scenario.

## Permission management and easy monitoring

Manage backups using the web management console, add new admins and set their privileges to share responsibilities in the team. Set up emails and Slack notifications, or monitor log audits to track all actions performed in the system.



Did you know that...

**Ransomware attacks every 11 seconds!**

## Ransomware Protection

### Non-executable data in the copy

Xopero ONE compresses and encrypts your data making it non-executable on the backup storage. It means that even if ransomware will hit your files on the backup source, it will be impossible to execute these data in the storage.

### Immutable storage

Take advantage of WORM-compliant storage technology that writes each file only once and reads it many times. It prevents data from being modified or erased and makes it ransomware proof.

### Multi-storage system and replication

In Xopero ONE you can add an unlimited number of data storages - cloud or local, and thanks to replication plans create native copies in different locations. Now you can easily implement the 3-2-1 backup rule, and in the event of a failure or attack on one of the storages, you can restore the copy from the next one.

### Limited access to storage credentials

Authentication data of the backup storage is sent to the agent only while performing backup so there is no way for ransomware to access your storage even if the source machine is infected.

### Authentication with IdPs and SAML

Control authentication and authorization processes due to our integration with external identity providers - Auth0, Azure AD, Okta, CyberArk, or Google, using SAML (Security Assertion Markup Language) standard. The new service is available from the System Administrator level - from here you can easily add, modify, and remove external identity providers.

### Disaster Recovery for Business Continuity

Get instant access to data using granular recovery, full restore, instant restore, or migration to another environment. Use the test restore to define RTO and RPO and create a Business Continuity Plan (BCP) that is essential in the event of a ransomware attack.

**Start 30 days  
free trial**

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**Let's talk  
about data backup**

[Schedule a demo](#)



Companies that protect data with Xopero

