

# Redstor cloud data management and protection

Make your data  
management simpler,  
smarter and safer.

# Cover the broadest range of environments through a single app

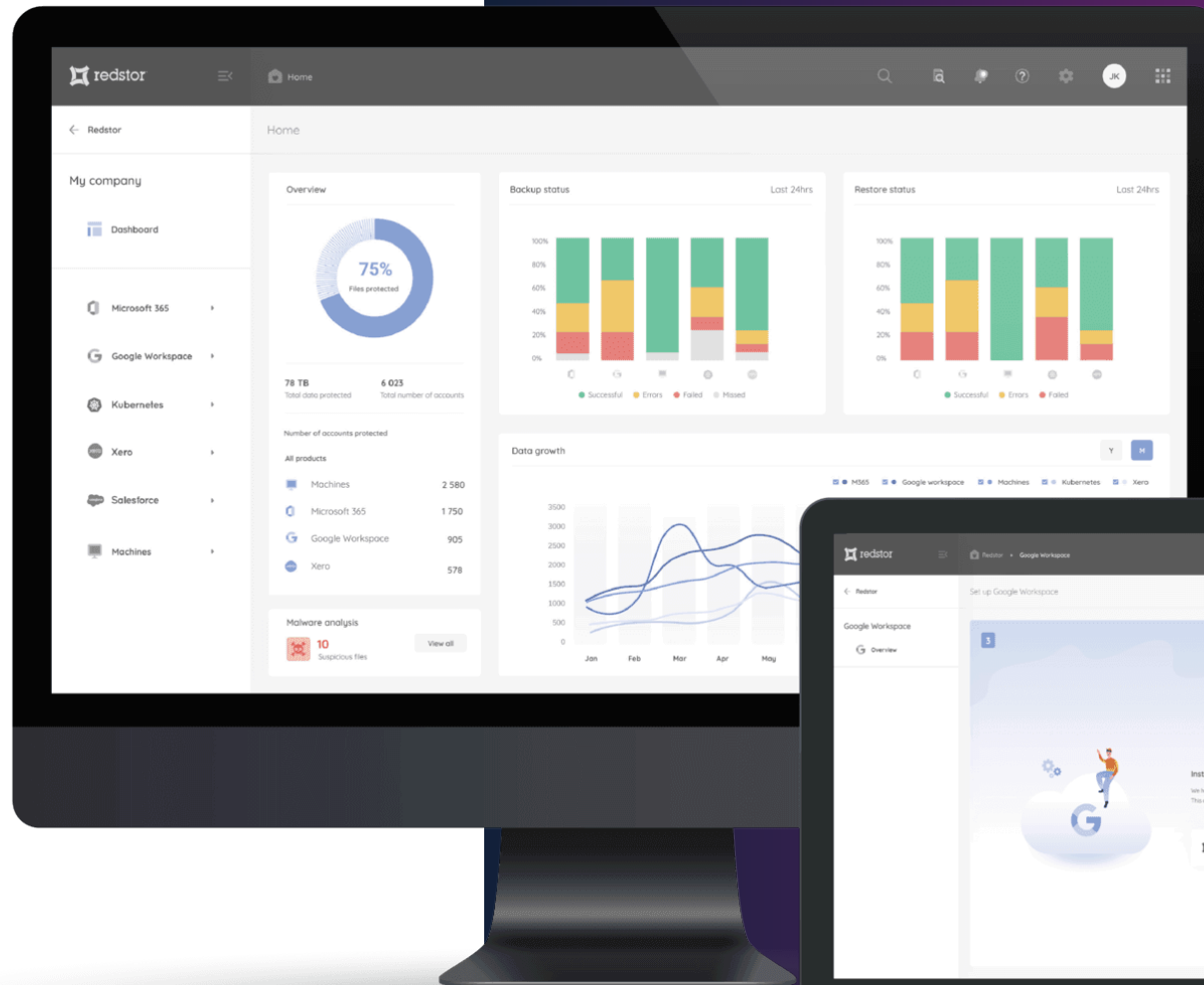
Protect modern and traditional infrastructure and an ever-widening array of SaaS platforms with an all-in-one solution and unified interface – the RedApp.

## Back up and recover:

- **Machines - VMs, servers, desktops, laptops**
- **SaaS applications - Microsoft 365, Google Workspace, Salesforce, Xero**
- **Cloud infrastructure - Azure Kubernetes (AKS), AWS Kubernetes (EKS)**

## Ensure data sovereignty:

Choose your storage type and location – Redstor's co-located data centres, public or hybrid cloud.





## Centralize your data management

Reduce overheads by managing all company sites and remote user devices through a single, intuitive, cloud-native app. Scale effortlessly with no hardware to buy, manage or replace.

Enhance data mobility by migrating it across different clouds and infrastructure environments, seemingly instantly.

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## Enjoy lightning-fast efficiency

Start protecting business-critical data with three clicks and a password. End downtime with InstantData™, a pioneering technology that allow users to access data in seconds whilst the full recovery continues in the background. See an immediate return on your investment - no licences, no hardware, just one simple price for software and storage.

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## Benefit from strong security and AI innovation

Detect and remove malware from backups with a machine-learning model that continuously learns and improves, based on community insights. Air gap your backups to guarantee ransomware recovery by isolating them from your primary network

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## Rapid recovery of data from VMs, servers and laptops



Failure to quickly recover critical data on VMs, servers, desktops, laptops and other end-point devices can lead to loss of business or even catastrophic fines and long-term reputational damage.

Recover physical, virtual or cloud-hosted machines to VMware or Hyper-V in just a few clicks, and keep on working. In the event that live data is lost, InstantData™, Redstor's unique technology, can serve it up immediately from the cloud, on demand, and with minimal effort from the user. So, should your organization suffer an incident such as a hardware failure or ransomware attack – downtime and disruption are no longer an issue.

**Selected files are streamed on demand, enabling you and your employees to continue working seamlessly 24/7/365.** No more stretched IT resources, no need to apologise to customers, no lost revenue, and no fines or publicly listed undertakings.



## Military-grade encryption

Encrypted at source using Advanced Encryption Standard with a 256-bit key length, your data remains protected with a customer-defined key.

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## Smart compression

Our intelligent technology encrypts data at source, deduplicates and compresses it. Not only does this greatly reduce the size of each file transmitted, making it bandwidth efficient, but only changed data is transmitted and stored – radically reducing costs.

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## Full automation

Our solution is designed to have minimal or no human intervention throughout its daily management. Cloud backups run to an automated schedule, allowing you to back up data as little or as often as you'd like, at the click of a button. No human error, no risk.

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## Archiving and DR included in the price

**Save yourself the expense of duplicate data centers and failover infrastructure that sit idle most of the time – and avoid using separate solutions for backup, disaster recovery and archiving.**

Most organizations would concede that the vast majority of data they have continually filling up expensive primary storage is either redundant, obsolete or trivial.

As part of the Redstor solution, and for no extra cost, we deliver simple-to-manage, highly scalable, long-term cloud archiving as a service. Discover how much primary storage space you can free up by offloading rarely accessed data to the cloud.

When you archive files of any size (including databases) with Redstor,

a tiny stub file is left behind on primary storage. This stub represents the original data but consumes almost zero disk space. When one of these stubs is opened by a user or application, InstantData™ rehydrates the portion of the file that is accessed, serving the file or database up immediately, on demand, and effortlessly to the user or application.

Important to note, the local copy is only replaced with a stub once the file has been error-checked and confirmed as existing offsite in



multiple, secure Redstor data centers, guaranteeing data security. Instead of submitting IT tickets or sending a member of staff to access data stored on magnetic tapes, users simply click the file they want and continue working seamlessly 24/7/365.

## Simple, scalable, and instantly accessible

Extend the life of your expensive hardware assets and delay purchasing more primary storage to cope with your data growth.

Deploy backup and recovery in a way that best suits your business - with a cloud-based SaaS solution that not only delivers immediate access to your data, but also comes with the option of a local copy. Protect your entire infrastructure, regardless of whether it is physical or virtualized.

Regular testing of your disaster recovery processes gives you peace of mind and the confidence that you can

respond rapidly in the event of a crisis.

Unlike many other disaster recovery providers, we don't charge for restores or bandwidth so there's no cost associated with testing your DR provision.

At Redstor, we make testing your disaster recovery plan easier than ever. We present your backed-up systems and data for temporary access as a virtual drive and for permanent recovery to a destination of your choice. This access enables you to understand and fine-tune the steps you will need to undertake in a disaster recovery scenario.



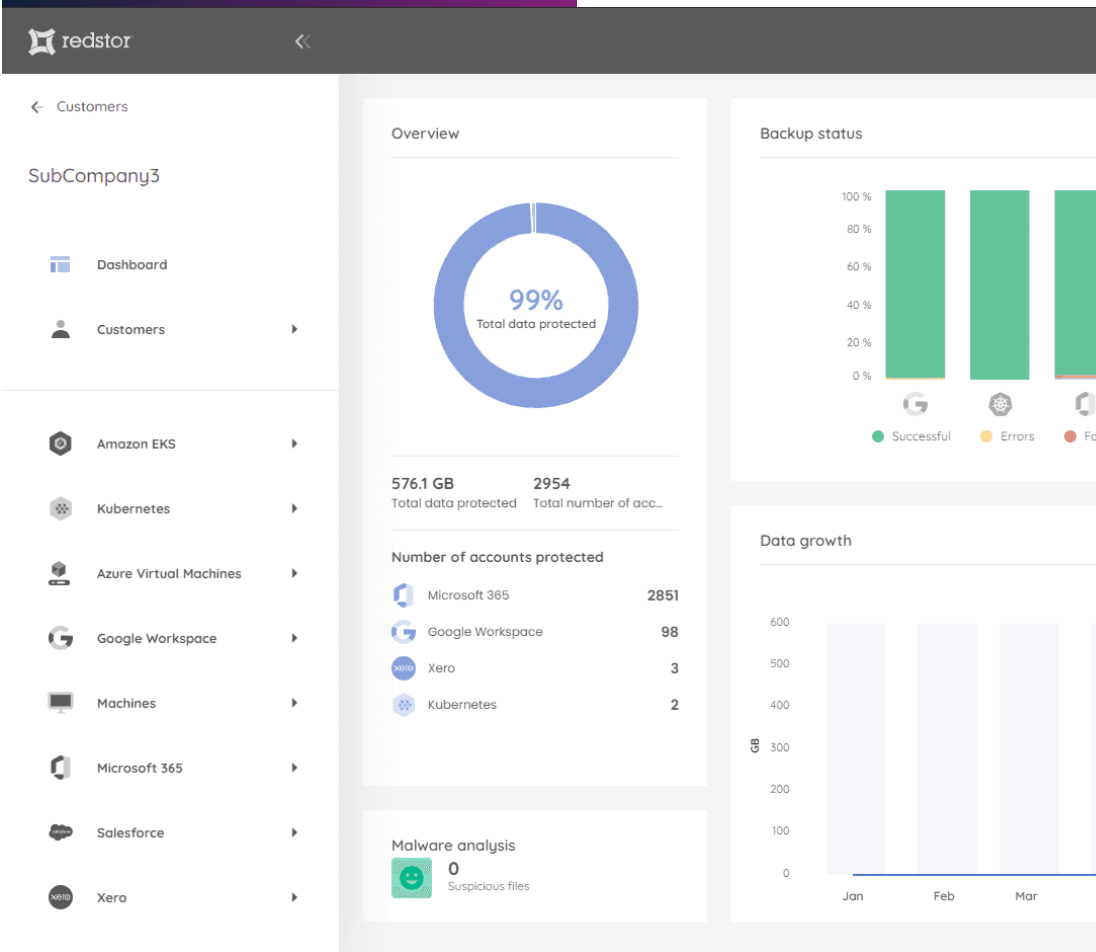
## Protect and move workloads from on-prem to the cloud



You can also use our web app to migrate a machine directly to Azure.

Whether you are dealing with a disaster recovery scenario or a change of business requirements, recovering or migrating full systems could not be easier with our intuitive web app. Redstor's Azure Mobility does all the work for you, creating a new virtual machine in Azure and recovering your entire system and its data there - a massive benefit when it comes to testing and developing, addressing compliance issues and carrying out audits or forensic work.

# Centralized management of M365, Google Workspace, Salesforce and Xero data too



**If you decide to protect Microsoft 365 or Google Workspace data too, you can view and manage cloud and on-prem data in the same place, saving on time and operational overheads.**

Benefit from market-leading 365 coverage, featuring complete protection for SharePoint, OneDrive, Email, Teams, OneNote and even Class and Staff Notebooks.

With Redstor you can also protect Google Drive, Gmail, Contacts, Calendar and Classroom.

Set up and scale fast - what may have taken days in the past, will now take hours. No hardware, no upfront professional services costs, no management overhead, no complex licensing models.

Drill down and take action without switching between different products and credentials. Capture key metrics of data in M365 and

wherever else Redstor protects it. Protect your business-critical Xero-based accounting data against human error and other disasters.

In a few clicks you can also set up automated backup of all your Salesforce data, then forget about it, safe in the knowledge that it can be easily recovered in the event of user error, bad code or integration issues. Salesforce is frequently targeted by cybercriminals seeking to capitalize on remote employees working on networks devoid of company firewalls and other safety measures. Redstor enables you to comply with the General Data Protection Regulation by ensuring the timely access to data you need to avoid potential fines and reputational damage.

## Unparalleled operational simplicity for Kubernetes protection

**Our smart, cloud data management platform also offers an easy-to-use, scalable, and secure system for Kubernetes backup and application mobility. No mess, no fuss, no computer science degree required – just a quick and slick set-up.**

Protect your Kubernetes-based, cloud-native containerized applications in Azure and AWS and radically simplify your data management. Quickly and easily recover both configuration and application data in the event of an issue.

Roll back to a previous snapshot of a cluster if it breaks due to a malicious attack, bad deployment, configuration error or an issue in the

deployment procedure.

With zero downtime and preservation of data sovereignty, your data stays 100% safe - and our engineers will give expert advice wherever you are 24/7/365.



# AI to detect and remove malware from backups

Most organizations will have a form of anti-virus and anti-malware protection in place, but on average it takes 200 days or more to uncover a malicious attack, longer than many typical retention policies.

In this case malware will be present within all backups as well as the live environment. This makes it very problematic to perform a malware-free recovery. Whenever you perform a recovery you need to know that your backups from servers, laptops, Microsoft 365 or Google Workspace are regarded as safe.

Redstor has developed an advanced, machine-learning model to detect, isolate and delete malware from backups, providing that additional layer of protection and peace of mind.

When suspicious files are detected Redstor quarantines them before they infect systems. You then have the option to validate the files, delete them from the backup set or revert to previous 'safe' versions.

Company name	File name	Account name	Product	Service	Backup
<input type="checkbox"/> Cambridge	<input checked="" type="checkbox"/> Powerpoint 1.docx	Casey Drew	Microsoft 365	OneDrive	05 Nov
<input type="checkbox"/> Dimension data	<input checked="" type="checkbox"/> Mydocument 2.docx	Norman Haigh	Google Workspace	Gmail	01 Feb
<input type="checkbox"/> Internet solutions	<input type="checkbox"/> Loremipsum.docx	Rizwan Ratliff	Google Workspace	Drive	24 Jan
	<input checked="" type="checkbox"/> Document 1.docx	Graeme-PC	Computer Science	Machines	26 Oct
	<input type="checkbox"/> Powerpoint 1.docx	Casey Drew	Microsoft 365	OneDrive	05 Nov
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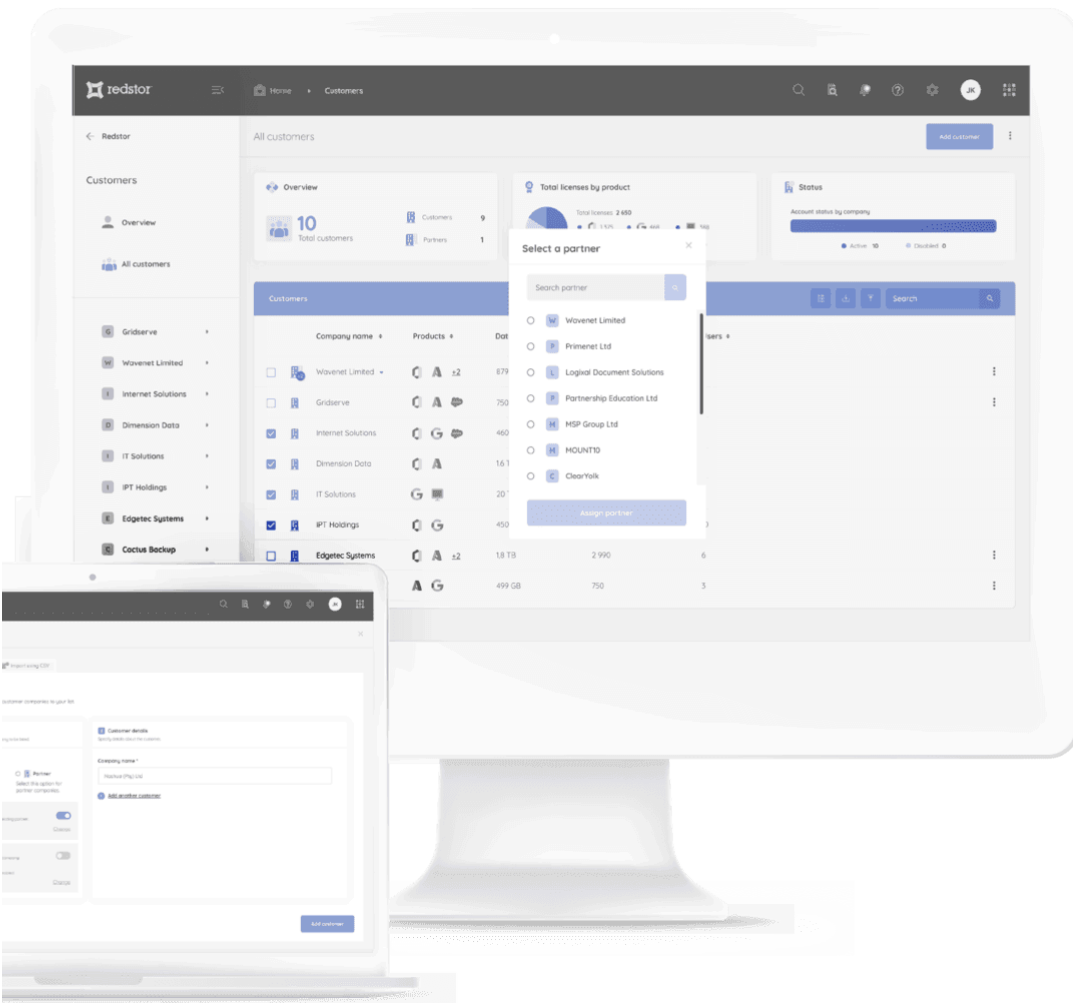
4 files selected Delete files

# Stronger security and greater visibility with configurable User Access Management

**Redstor delivers a whole new level of control and security to organizations seeking greater visibility into backing up and managing their own data as part of their managed service.**

The RedApp, Redstor's app for smart data management and protection, has been specifically designed for granular, configurable Identity and Access Management. Secured by the very latest multi-factor authentication technology, Redstor's User Access Management enables you to:

- Create and manage user identities within a single interface
- Customize and control who has access to your data
- Protect key processes with multi-layer security
- Prohibit the spread of compromised login credentials.
- Block unauthorized entry to your organization's network.
- Bolster your defences against ransomware, hacking, phishing, and other cyber-attacks.





Thank you for reading

# Redstor cloud data management and protection.

[www.redstor.com](http://www.redstor.com)