



Backup for Dynamics 365

Is Your Data Safe?

By 2022, 70% of organizations will have suffered a business disruption due to unrecoverable data loss in a SaaS application.

- Gartner



Why Your Dynamics Data Needs Backup

Data in the Cloud Also Gets lost

As companies move vital business data from on-premise to the cloud, new challenges in enforcing IT security arise.

According to a recent Cybercrime Survey from PwC*, 7 out of 10 companies have been hit by a cyberattack during the last 12 months - with the average data recovery cost at \$150,000. Human error continues to be the number one reason for losing data. The hard fact is that you can also lose data stored in the cloud - and data restoration can be quite a costly affair without independent backup.

Reasons for Data Loss

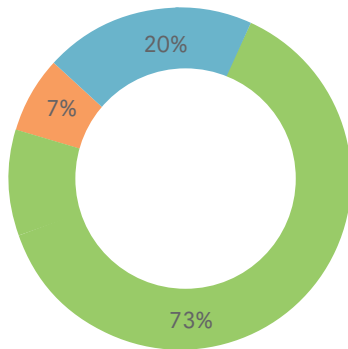
Human Error 73%

- Accidental deletion & overwrites 63%
- Closing accounts 10%

Hacking & Insider Threats 20%

- Hackers 13%
- Malicious deletes 7%

3rd Party Software 7%



Source: Aberdeen Group

Is your Microsoft Dynamics Data at Risk?

Dynamics 365 is a great suite of applications operated under stringent security controls that helps companies stay productive.

Unfortunately, Dynamics 365 does not offer native and flexible recovery capabilities for user data. Rather, Dynamics 365 relies on rudimentary full tenant copies with a very short retention period and no option to make in-place restores of individual objects directly into production environments.

Microsoft will not cover any data loss caused by your own internal errors, malicious actions, ransomware or other cyber crime. The built-in tools in Dynamics 365 do not offer the clear separation of the backup from the production environment as recommended by Gartner.

The conclusion is that relying solely on Microsoft Dynamics 365 data recovery options means that your valuable sales and customer data could be lost forever.

Data Protection: Who Is Responsible?

Customer	SaaS Provider
User errors <i>Accidental deletion and overwrites</i>	Operational failures <i>Power outage Infrastructure failures Natural disaster</i>
Security attacks <i>Hacking events Malware Malicious insiders</i>	
Data corruption <i>Sync errors</i>	

Microsoft Dynamics 365 Data Backup

Microsoft performs backup only twice a day as a Azure SQL Database. The backup will be kept for 28 days with no extension possible. The backup is in Azure with no other possibilities.

Ad-hoc backups can be initiated manually and retained for a maximum of 28 days, whereafter the data is gone.

Microsoft Dynamics 365 Restore Capabilities

Microsoft Dynamics 365 only offers full instance restore into a sandbox environment with no in-place or granular restore options.

In case you need to restore, you have to first restore the full instance, then find the needed data, and finally transfer them manually to the relevant production instance. In this process you have to ensure that the interruption to production is minimized.

How To Protect Your Microsoft Dynamics 365 Data

To ensure best-practice data protection, your Dynamics 365 data should automatically be backed up to an independent off-site location at least every 24 hours. And they should be easy to access and restore instantly at any time in case of data loss or data corruption.

An independent backup solution such as Keepit will protect your Microsoft Dynamics 365 Customer Engagement at any time.

“Cloud-to-cloud backup is the only practical option for SaaS data protection.

Forrester Research, December 2017.

Keepit® Backup for Dynamics 365

Keepit is a secure, cloud-to-cloud backup service used to protect leading Software as a Service (SaaS) applications, such as Microsoft Office 365, Microsoft Dynamics 365, Google Suite, and Salesforce.com.



Full Protection of Your Cloud Data

Keepit cloud-to-cloud backup ensures full protection of your Dynamics 365 data across Sales, Marketing, and Customer Service applications in your Dynamics 365 Customer Engagement installation.

With Keepit's automated backup to a physical independent and secure location, you can access your data anytime – even if Microsoft Dynamics 365 should experience downtime.



Daily Automated Backup

Keepit is a set-it and forget-it framework providing up to four backups of your Dynamics 365 data every day.

The number of daily backups is automatically scheduled according to network capacity.



Customized Retention

By default, Keepit will retain your Dynamics 365 data for 12 months. However, retention periods can be set as needed with no limits.



Unique Protection with Blockchain

Keepit is built to be tamper-proof for your protection. The 256-bit encryption of backup data and blockchain security makes low-level tampering of backup data impossible and easily evident.

Furthermore, Keepit does not allow overwriting of any existing backup data, giving you extra protection.



What Is Backed up

Keepit will automatically backup all of your data objects across your Dynamics 365 applications:

- Dynamics 365 for Sales
- Dynamics 365 for Customer Service
- Dynamics 365 for Field Service
- Dynamics 365 for Project Service Automation
- Dynamics 365 for Marketing



Stay Productive with Easy Restore

Find and restore any data from any time in the backup with Keepit's eDiscovery features. Keepit gives you in-place restore for data records including all related entity records, allowing you to quickly identify and restore data whenever needed.

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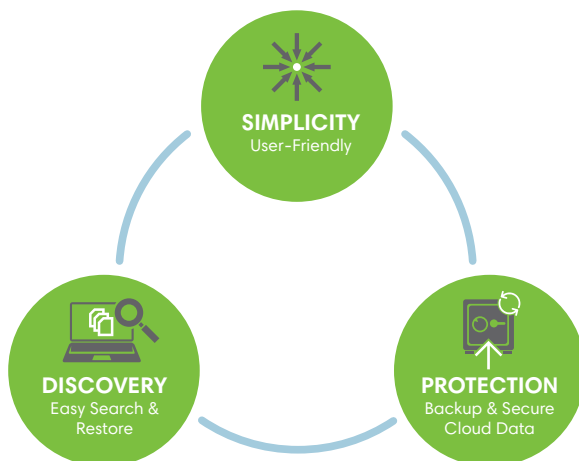
Easy Set-Up

It only takes 3 easy steps to secure your Dynamics 365 system. It is a 5-minute process with no on-premise install. Stay in control with our flexible status tools. Stay in compliance with our secure logging and auditing tools.



Try Keepit Backup for Dynamics 365

For your free trial, please drop us a line at: sales@keepit.com
Or visit our site:
www.keepit.com/dynamics



Keepit for Microsoft Dynamics 365 Gives You

- Simple restore experience: easily browse current and deleted objects
- Freely search across users and data types
- Configurable & unlimited retention
- Extensive support for all Microsoft Dynamics 365 apps on the common data platform
- Easy to deploy and manage
- 100% cloud based. Nothing to manage on-premises
- Compliance enabler for GDPR and HIPAA

Compliance

Keepit meets enterprise audit requirements for backup, search and recovery, making it easy to comply with governance requirements. Keepit will deliver your backup complete with a data processing agreement, ensuring compliance with GDPR and other national and international regulations.

Customers have verified our solution through thorough proof-of-concept testing, risk assesment, and security validation. Keepit's customer portfolio includes global enterprises within production, healthcare, shipping construction, retail, services, and finance.



Technical Specifications

- ISAE 3402: Keepit's 3 regional redundant data centers are managed under ISO 27001.
- Global data destinations: To meet data sovereignty requirements, data is stored in Keepit's data hosting locations in the Americas, Europe, and Asia (see specifications below).
- Strong encryption: Keepit protects all data in transit and at rest with a 256-bit strong encryption key.
- Stability: Keepit backup has 99.9% SLA uptime (service level agreement).
- 3rd party certification and auditing: Keepit regularly undergoes thorough auditing and rigorous evaluations of Keepit's operational and security processes via external consulting including a yearly penetration test by an interdependent third party.
- Keepit complies with all relevant international and local laws and regulations on data protection.
- Unlimited archive retention and storage.

Data Hosting Locations:

AMERICAS
 Location: Washington DC, USA
 Provider: Equinix
 Certifications: ISO 27001, HIPAA, NIST 800-53/FISMA & SOC 2 Type II

EUROPE
 Location: Copenhagen, DK
 Provider: GlobalConnect
 Certifications: ISO 27001, ISAE 3402 Type II & SOC 2 Type II

ASIA
 Location: Sydney, AU
 Provider: Equinix
 Certifications: ISO 27001 & SOC 1 Type II

