

# Zero-waste Backup and Instant Recovery with Tiger Bridge Continuous Data Protection (CDP)

Superior data protection against file deletion, viruses, and ransomware attacks thanks to CDP and unlimited versioning control with Microsoft Azure



**How much pain will your organization incur when hit by ransomware, hackers, or a natural disaster? How much data will you lose and how long will it be before operations can resume?**

On the surface, scheduled backups with daily incremental or differential and weekly full backups seem like a reasonable solution. However, scheduled backups put a strain on CPU and storage resources, and backup windows are shrinking. Considering that 80% of unstructured data is not accessed after one year and the 3-2-1 rule requires one copy to be kept on-site and one off-site, it is easy to see how traditional backups produce an enormous amount of waste.

Tiger Bridge was designed to overcome the challenges associated with the explosion of unstructured data. Continuous Data Protection means that Tiger Bridge replicates every version of every file to the cloud, moments after being modified. The process is organic and provides infinite restore points. Tiger Bridge does not need to walk the file system, create bulky snapshots, or make copies of the same files over and over again. Storage requirements drop. Tiger Bridge versioning capabilities, coupled with Microsoft Azure data durability, provide a comprehensive air-gapped solution that is safe and robust.

	Scheduled Backup	Tiger Bridge CDP
Exposure to data loss (RPO)		
Typical downtime (RTO)		
Number of available restore points		
Amount of backup data produced		
Performance impact on CPU & storage resources		

## Tiger Bridge Uses

- Continuous Data Protection for on-prem or cloud deployments
- Efficient protection against ransomware, hackers and natural disasters
- Manages NTFS and ReFS volumes as well as NAS (SMB/NFS) shares

## Tiger Bridge Benefits

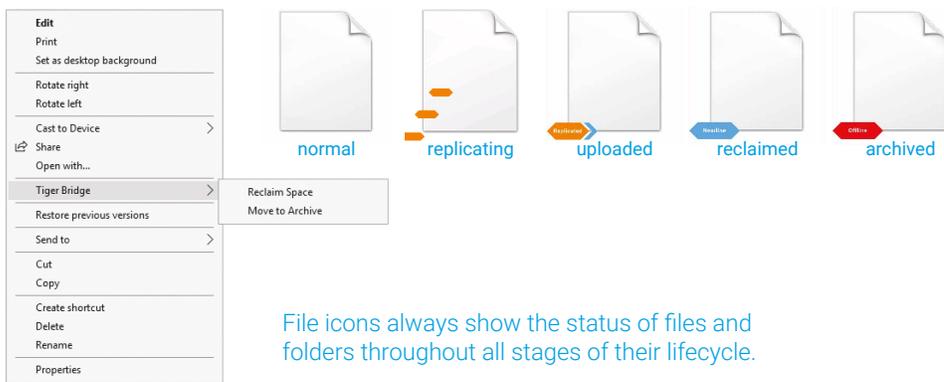
- Ability to save every version of every file
- Eliminates wasted backup space
- Up-to-the-minute instant recovery
- Significantly reduces total capacity requirements
- Maximizes cost savings by utilizing all Microsoft Azure blob tiers
- Data always stored natively (no vendor lock)
- Supports scenarios requiring multiple copies

# Continuous Data Protection to Meet Today's Data Explosion Challenges

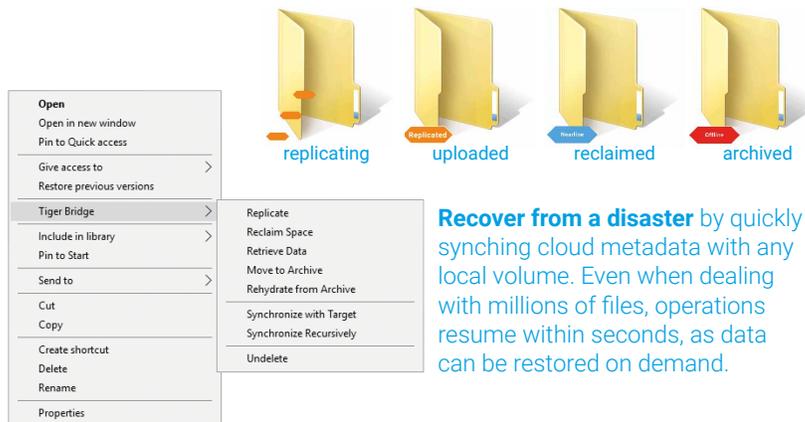
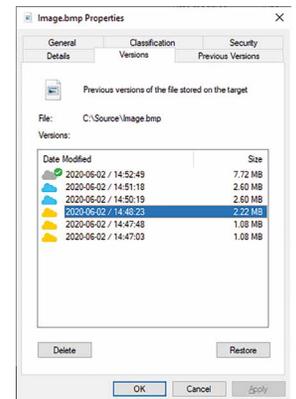
Using Tiger Bridge is equivalent to running an incremental backup job every second of every day. Never rebuild an image. Never worry about corrupted backups.

Tiger Bridge versioning capabilities, coupled with up to 16 nines of Microsoft Azure durability, provide a resilient solution that isolates data from hackers, malware, and crypto viruses. Access previous versions of any file by right-clicking and choosing the desired version. Restore an entire folder or a sub-folder to a specific date and time by right-clicking and choosing the desired timestamp. Configure multiple endpoints with bi-directional synching and file-locking capability. Resume operations in an instant with **On-Demand File System Rebuild** by quickly restoring metadata with zero-byte stub files. Advanced partial and progressive downloads let applications pre-fetch entire files or only restore the parts they need.

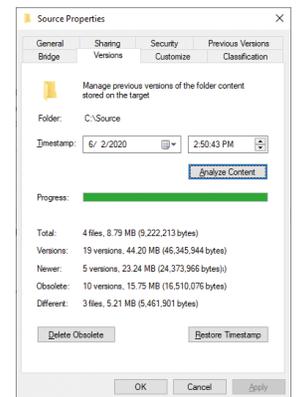
**Tiger Bridge protects your files, automates their lifecycle management, and makes file recovery fast and easy. Partial uploads and downloads minimize internet traffic and ensure the smoothest user experience.**



Access and manage **ANY** version of a file with a simple right-click.



Restore a folder to any timestamp and manage obsolete versions of files with a simple right-click.



**Tiger Bridge's automated reclaim space policy frees space locally by turning inactive files into zero-byte stub files that are automatically retrieved upon access. There is no requirement to increase the capacity of the on-premises storage.**

Customers in over 120 countries use Tiger Technology solutions to make their data management and project workflows easier. The company develops software-only Windows cloud extension technology, high-speed NAS/SAN file system sharing, virtual volume set, virtual project workspace management, and HSM tiering and synchronization solutions. Tiger enables organizations of any size and scale to manage their digital assets on-premises, in public cloud, or with a hybrid model. Tiger Technology has been identified by Endeavour as one of the foremost cloud technology providers in the market today.



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