Gigas g-Backup Infinite is an automatic backup solution hosted in the cloud to make the data of businesses and their employees more secure.

The solution is transversal, making it useful for all industries and companies of all shapes and sizes. The platform can be used to **store all manner of information from devices** running on Windows.

g-Backup Infinite makes copies after every disk write and allows you to recover your data **based on date and time**. It also offers data organization and protection functionalities with automatic backups.

All of this **guarantees the continuity of your business** in the event of a ransomware attack.

MONTH	DAY	YEAR		HOUR	MIN
DEC	15	2023	AM ● / PM ○	16	: 00

DESTINATION TIME

The only solution to include IMMUTABLE BACKUP

ADVANTAGES

Full disk image on every write

Totally immutable

Secure and encrypted

Intuitive and responsive web interface

Affordable

Highly efficient and runs in the background, with a low impact on performance

✓ **Easy to use**
Infinite backup images are relatively simple to set up and manage. Simply install an agent and manage it via a web portal. Quick and easy point-in-time recovery.

✓ **Version control**
The imaging systems provide a file version log, allowing users to retrieve previous versions as and when needed.

✓ **Granularity**
Offering a range of recovery options, allowing you to restore files or data back to a specific point in time.

✓ **Low overhead**
The images generate less performance overhead compared to legacy solutions, making them ideal for resource-constrained environments.

✓ **Economical**
Since the images are point-in-time copies, they require less storage space compared to other traditional solutions.

✓ **Real-time protection**
Data changes are captured after every single disk write, thus minimising data loss, even in the event of network problems.

✓ **No data loss**
Capable of achieving a very low recovery point objective (RPO).

✓ **Rapid recovery**
As it is an image-based solution.

What does g-Backup Infinite include?

✔ An annual download of the complete equipment

✔ Simple interface for accessing the backup disk

✔ Unlimited file restoration

✔ 6-month retention

✔ One license for Windows 10/11 device

TWO MONTHS FREE
if you pick the annual option

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g-BACKUP INFINITE PLANS

g-BACKUP Infinite 256 GB	g-BACKUP Infinite 512 GB	g-BACKUP Infinite 1.024 GB
MONTHLY **9€** /month	MONTHLY **15€** /month	MONTHLY **25€** /month
ANNUAL **90€** /year 2 MONTHS FREE	ANNUAL **150€** /year 2 MONTHS FREE	ANNUAL **250€** /year 2 MONTHS FREE

What are the chances of a disc being corrupted twice in a year?

ALL-IN

**One image download
of a complete additional device**

10€

TECHNOLOGY

Block-based technology
- The hard drive is divided into small pieces of data known as blocks (16 K or less).
- Each block is assigned a location and a time stamp.

Block deduplication
- First, the blocks are compared to all other blocks stored globally.
- This is done extremely quickly, through a patented algorithm.
- If duplicate blocks are found, they are not sent (deduplication).
- Deduplication success rates can exceed 50%.

Block compression and encryption
- Using variable compression algorithms.
- Savings in resources and communications can regularly exceed 30.
- The blocks are encrypted with a 256-bit key before being sent.

Immutable
- The system sends blocks to the cloud, not chunks of files.
- The blocks are then stored as objects, rather than as files or folders.
- Objects are never overwritten; only new objects are added.
- The blocks are not stored on servers.

Protection and privacy
- The blocks are not stored contiguous to other related blocks.
- Blocks from one volume are mixed with blocks from other volumes.
- It is able to offer zero-knowledge privacy.

Modify and save automatically:
- Each disk I/O write instruction is captured by a Kernel component.
- Each of these instructions is treated as a change in volume.
- The entire volume is covered for changes.
- We are able to granularly retrieve a write instruction.

Imperceptible
- The Kernel component and Windows services go unnoticed.
- Proprietary algorithms are used to optimize CPU/disk/communications downtime.
- No configuration required: simply download, install and you're good to go.
- First of all, an initial image needs to be built. This can take a weekend, with no oversight required.
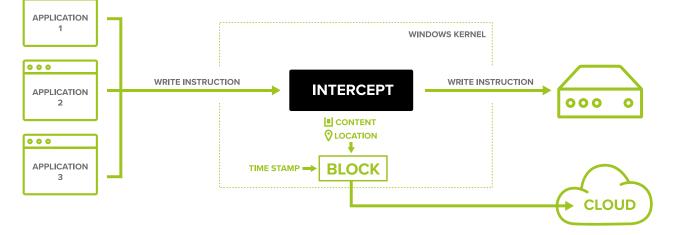
Web-based Windows Explorer
- A web-based NTFS simulator replicates Windows Explorer.
- The simulator allows you to roll forward and backward minute by minute.
- It displays files present at the selected time, including hidden and system files.
- A preview feature is available for many file types.
- All of the above actions take place in real time.
- The selected files or directories can be downloaded as a .zip file.

Download a complete volume
- A disk image can be selected at a given point in time.
- Typical speeds are in the range of 50 GB/h (possibly much faster, depending on available bandwidth).
- Once a disk image has been installed, the PC can boot from that programmed image.

Unique solution developed by Gigas

MAKE IT SECURE,
MAKE IT GIGAS

Contact us to know more about our solutions:

900 247 000