back stone
APPLIANCE BY **ATEMPO**

ATEMPO
preserving data ecosystems

UNIFIED DATA PROTECTION SOLUTION

Software-hardware storage - Proactive monitoring
The answer to all risks which threaten your digital data

700M
cyberattacks worldwide

Cybercrime a cost
$600 billion globally
Rising to $2 trillion in 2021

50%
of SMBs affected by a cyberattack in 2018

45%
by ransomware (Wannacry, NotPetya...)

$870000
Average cost of a cyberattack for an SMB

PRINCIPAL CONCERNS OF SMB IT STAFF:

How can I rapidly implement a data protection solution?

How can I manage my budget?

Following an attack, how do I restart my critical infrastructures without waiting?

Does my backup allow me to reconstruct a machine?

- Backup safely in all circumstances
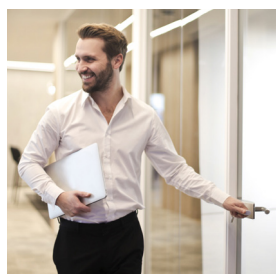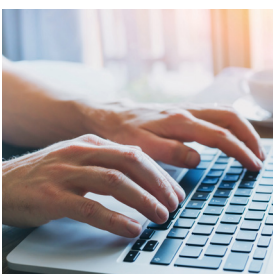- Rapidly reconstruct all workstations and servers
- Restart business operations without delay
- Protect without impacting users
- Optimize backed up data storage volumes

partner stamp

ADDITIONAL OPTIONS:

Storage in our European Data Centers (Hybrid Cloud):
3 distinct storage points or SaaS with a backup synchronization between the appliance and the Data Center

Creation of a private cloud with a box on a secondary site
(Box to Box) :
• 2 distinct storage points
• 100% local
• High storage volume
• Data redundancy
• No reliance on bandwidth availability

Replication :
• Star
• A to B, B to C, A to C etc.

ADVANTAGES:

Very rapid system recovery: OneKey Restore
Start a system recovery by simply inserting a USB drive even a new machine in less than 1 minute!

Start work immediately: OneClick Restart
In the event of a serious incident, do not wait for the complete system recovery to complete before starting to work! Restart your workstation or server with a simple click from a backup version on your Backstone appliance without using another hypervisor.
Reduce operational downtime!

Backup Continuity Plan - BCP
The BCP ensures data backup to a secondary storage in the event of main storage unavailability. Backstone can externalize to a Cloud (European Data Centers HDS certified).

Cyber-risk protection
The software includes an embedded proprietary protocol including versioning and encryption (AES 256) of stored data to ensure their integrity.
In the event of cyberattack, immediately restore a healthy version of your IT system.

Preventive Monitoring Tool
Backstone includes an automatic supervision and reporting component and ensures close tracking of hard disk health.
Any technical errors are managed without any intervention on your behalf.

File-level retrieval
Incremental delta-block file-level granularity backup.
Select the files you want to restore either as a batch or individually from any storage from any point in time.

CHARCTERISTICS

MODEL CAPACITY	12 TB	12 TB	24 TB	36 TB	60 TB	80 TB	120 TB	260 TB
FORM FACTOR	2U		2U					4U
CPU	2 x Intel Xeon 2.4 GHz 8 cores							
RAM	16 GB DDR4 ECC		32 GB DDR4 ECC		64 GB DDR4 ECC			
HDD SYS	RAID1 2 x 240 GB SSD							RAID1 2 x 480 GB SSD
HDD DATA	RAID5 3 x 6 TB SATA		RAID6 6 x 6 TB SAS	RAID6 8 x 6 TB SAS	RAID6 12 x 6 TB SAS	RAID6 12 x 8 TB SAS	RAID6 12 x 12TB SAS	RAID6 24 x12 TB SAS

TECHNICAL CHARACTERISTICS

PRODUCT

INTERNAL STORAGE	• 12 TB to 260 TB
BACKUP TYPE	• Incremental forever block mode
VERSIONNING	• Unlimited
ENCRYPTION	• Yes
SCHEDULING	• Multi-scheduling for backup jobs
COMPATIBILITY	• Windows Vista, 2008 and higher • macOS 10.12 and higher • Linux (kernel 3.2 and higher) • Synology DSM 6 arm and x86_64
FILE BACKUP	• Yes (use of VSS on Windows, open file backup)
BMR VOLUME BACKUP	• On Windows
HYPERVISOR BACKUP	• Hyper-V Virtual Machines (via Windows file backup) • VMware ESX Virtual Machines
BARE METAL RESTORE	• Yes (OneKeyRestore)
BACKUP SELECTION	• Shared server rules + managed by agents
RETENTION	• Multi-strategy per agent : • Deleted objects kept after detecting the deletion • Retention based on the maximum number of versions
COMPRESSION ENCRYPTION	• Source-side compression by the agent • AES 256, zip/LZ4 encryption
EXTERNALIZATION	• Box to Datacenter • Agent to Datacenter • Box to Box (Master/Slave, Master/Master,…)
BACKUP CONTINUITY	• Agent linked to primary and secondary storage • If the primary storage is lost, the switch to secondary storage is automatic

SERVICES

SUPPORT	• Proactive
ADMINISTRATION INTERFACE	• Web Interface per box
MONITORING REPORTING	• Email incident alerts
MULTI-SERVER MONITORING	• Central Management Console

260 TB

24 to 120 TB

12 TB