FAST LTA

Backup & Recovery.
Tape Replacement.
VTL Archive.

Silent Bricks.

with ♡ from Munich

Flexible and secure backup, reliable and fast recovery:

The 3-2-1-1-0 principle with the Silent Brick System.

With the Silent Brick System you are prepared for all requirements of modern data protection. In one system, with one contact person and one service level agreement.

Modern backup & recovery strategies place high demands on the storage system. The 3-2-1-1-0 rule specifies that at least 3 copies exist in at least 2 different formats. One copy should be at a second location (off-site) and one should be completely offline (air gap). In addition, regular testing must ensure that the recovery process works one hundred percent so that no errors occur during recovery.

Silent Bricks enable you to implement your backup and recovery strategy - and minimize RTO and RPO so you are protected from the consequences of a cyber-attack.

Multi media: NVMe and hard disk, stationary (**Silent Brick Max**) and (re-) movable (**Silent Brick Pro**).

Multi format: SecureNAS (SMB/NFS), S3 object storage and VTL.

Multi redundancy: Triple parity (ZFS) or quadruple redundancy (Erasure Coding).

Multi location: Replication based on individual Silent Bricks / volumes.

Zero admin: Self-check and repair.

Start anywhere: Instead of having to replace your entire infrastructure, Silent Bricks lets you start at any point - and continually complete it.

More: https://www.fast-lta.de/en/topic/dataprotection

3 copies

2 media / formats

SNAS   S3   VTL

Flash
Disk

1 off-site

1 offline

0 errors,
100% secure recovery

Multi immutable storage:

Maximum protection for your data.

01   Continuous Snapshots

The time machine against ransomware.
The retention period can be set individually.
If an attacker manages to compromise
backups on the network or delete data,
you can revert to previous versions.

03   Air Gap

The **Silent Brick Pro** is a media container
that can be ejected and stored separately
from the actual storage system. Whatever
happens on your network, data stored offline is
invulnerable.

01

Continuous Snapshots

automatic,
release after retention

Air Gap

automatic,
no release

03

SOFTWARE   HARDWARE

IMMUTABILITY

02

S3 Object Locking

automatic,
release after retention

Hardware–WORM

manual,
release through overwrite

04

02   S3 Object Locking

Storage via S3 also allows protection against
unintentional modification or deletion:
The Object Lock. The retention period
is managed via the backup software.

04   Hardware WORM

If the storage needs to be certified, guaranteed
and forever unchangeable, for example for
compliant archiving, there is no way around
sealing via hardware WORM. Our Silent Cubes
storage system is the best choice for that.

Tape replacement, GDPR and Veeam:

Why Cölner Hofbräu trusts in Silent Bricks.

Challenges
In the process of completely converting its backup and archive systems, the brewery was looking for solutions that could cover a wide range of requirements with as few different systems as possible. Veeam backup was joined by the conversion of the archive to EASY ECM and thus the replacement of the previous tape archive.

Solution
2 Silent Bricks Systems with Silent Brick Plus, Silent Brick Air and Silent Brick WORM, annual expansion

Applications
Veeam Backup & Recovery
EASY ECM

Partner
GID GmbH Köln

„Over the next few years, we will continue to upgrade our backup and archive systems to the FAST LTA Silent Brick system, and further expand existing solutions."

Julian Kamp, Manager IT, Cölner Hofbräu P. Josef Früh KG

Full story: https://fastlta.com/en-coelner

Photo: Cölner Hofbräu P. Josef Früh KG

veeam READY Object

veeam READY Object with Immutability

veeam READY Repository

veeam READY Tape

FAST LTA

Flexible storage for complete data protection and VTL archiving:

The new Silent Brick System.

Controller X – the new generation
Controller X4020, art. no. SH4020 – Dual SAS, 10G Ethernet, 2 slots
Controller X5040, art. no. SH5040 – Dual SAS, 10G Ethernet, 4 slots
Controller X6080, art. no. SH6080 – Dual SAS, 100G Ethernet, 8 slots
SAS-Switch 16+1, art. no. SB8090 – 16+1 SAS Port Switch

Silent Brick Pro – NVMe, performance & air gap
12/8 TB, art. no. SH72012
24/16 TB, art. no. SH72024
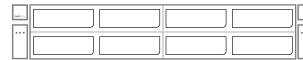48/32 TB, art. no. SH72048
96/64 TB, art. no. SH72096
Silent Brick Max – HDD, capacity
48/32 TB, art. no. SB82048
96/64 TB, art. no. SB82096
240/160 TB, art. no. SB82240

1 Choose a controller X with 2, 4 or 8 slots and 10G or 100G Ethernet as the basis.

Controller X

2 NVMe-based **Silent Brick Pro** offer the highest performance as a primary target.
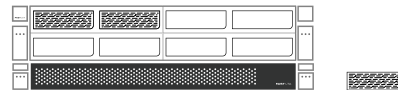
+ Silent Brick Pro

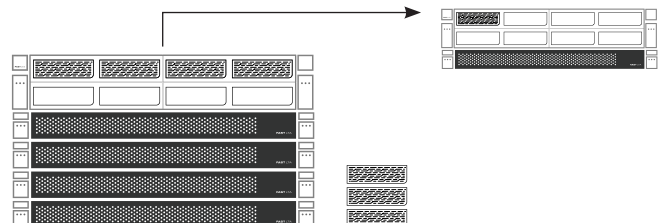**3** For maximum capacity at reduced costs, the **Silent Brick Max** is suitable for up to 240 TB (gross) per U.

+ Silent Brick Max

4 For physical air gaps, add more **Silent Brick Pro**.

+ Silent Brick Pro

5 Capacity can be expanded simply by adding more Silent Bricks. Selective replication additionally protects the data against loss.

FAST LTA

we secure petabytes.

SecurITy

made in Germany

Trust Seal
www.teletrust.de/itsmig

PROUDLY
MADE IN
EUROPE

+ CARE

10 YEARS
ZERO-LOSS
DATA CONFIDENCE

10 YEARS

MINIMUM LIFESPAN

SERVICE AGREEMENT

INVESTMENT PROTECTION

ALL INCLUSIVE SERVICE

www.fast-lta.de

Every bit counts.

We have made it our responsibility to protect your sensitive data.

Sensitive data that must not be lost under any circumstances requires special protection. With our secure storage systems for data protection and archiving, valuable data is protected against loss or tampering.

Our products and services help businesses, hospitals and municipal institutions simplify data protection and data migration, minimize legal and regulatory risks, and reduce the long-term risk of losing data.

All our components and systems are designed for at least 10 years of operation. That's why we offer maintenance contracts for up to 10 years on consistent terms.

We see ourselves as a reliable partner for our customers. Long-term cooperation, sustainable business and excellent service form the basis of our actions.

Reiner Bielmeier, CEO, FAST LTA