FAST LTA

Compliant archiving.

Active WORM archive.

Silent Cubes.

Trusted thousands of times, certified, safe and sustainable:

WORM archiving with Silent Cubes.

Silent Cubes are our special storage units for compliant archiving. For over 15 years, they have been the leading solution for German hospitals and public authorities to secure all types of data that must not be lost under any circumstances.

Compliance with legal requirements and 100% protection against data loss are vital for many companies, institutions and authorities. Silent Cubes have proven themselves thousands of times for legally compliant and immutable archiving. Whether a few terabytes or billions of files - Silent Cubes protect your most sensitive data securely and sustainably via hardware WORM. Archiving on Silent Cubes reduces the burden on your data protection - and your IT budget.

Secure: Hardware WORM, Erasure Coding, Digital Audit, Disk Mix and geo-redundancy ensure maximum protection of your sensible data.

Certified: Certified by KPMG for legally and GDPR-compliant archiving (including GDPdU, GoBS, RöV in Germany, Austria, Switzerland).

Sustainable: Long lifespan, low energy consumption and CO_2 neutrality are the cornerstones of sustainable data archiving.

Managed Storage: Extensive FAST LTA on-site service with hardware replacement at complete data preservation - and maintenance contracts with 10 and more years duration.

Approved Solutions: Silent Cubes are cross-certified with leading archiving solutions. So you can be sure that your archiving environment meets all legal requirements and runs smoothly.

More Approved Solutions can be found at www.fast-lta.de/en/partner

Uncompromised design to protect your data:

The Silent Cube DS.

The Silent Cube DS is the successor of the successful Silent Cube and offers 4 to 128 TB net capacity in a slim rack enclosure on one height unit.

Hardware WORM: The specially developed hard disk controller writes data incrementally. Once areas have been written they cannot be overwritten. The integrated digital audit regularly checks all data for integrity.

Erasure Coding 12/8: We have been using Erasure Coding for 15 years. This means that up to 4 of the 12 hard disks can fail without data being lost. Unlike RAID, the rebuild takes place in the background without slowing down the system..

Redundancy: Power supplies and network connections to the Head Unit are redundant. And the entire system can - and should - be geo-redundant. The second location, optionally in the FAST LTA Data Center, protects against total failure.

Above:

Silent Cube DS (Pro)

with 12 hard disks, redundant power supplies and a high-speed network connection to the Head Unit.

Below:

Head Unit (Pro)

for data management and caching - also available as a variant for virtual environments.

Carfree Service: In case of need, we are there for you. On request also 24/7/365.

Carbon neutral
Product
ClimatePartner.com/17482-2303-1001

Silent Cubes	Silent Cube Compact	Head Unit for VMware®	Silent Cube DS	Head Unit Pro
2008	2010	2016	2021	2023

Replacing tape for compliant archiving:

Silent Cubes at Sana Klinikum Offenbach.

Sana Klinikum Offenbach introduced the IMPAX PACS from Dedalus (formerly Agfa HealthCare) back in 2001. In the fall of 2015, an upgrade to DeepUnity (formerly IMPAX EE) was scheduled. In the course of this, compliant long-term archiving was also rethought: the cumbersome tape backup was replaced by Silent Cubes. The system was continuously expanded over the years. With the capacity expansion, the Silent Cubes were finally migrated to modern Silent Cube DS. The internal migration process ran completely in the background and without affecting ongoing operations - entirely within the certified storage environment.
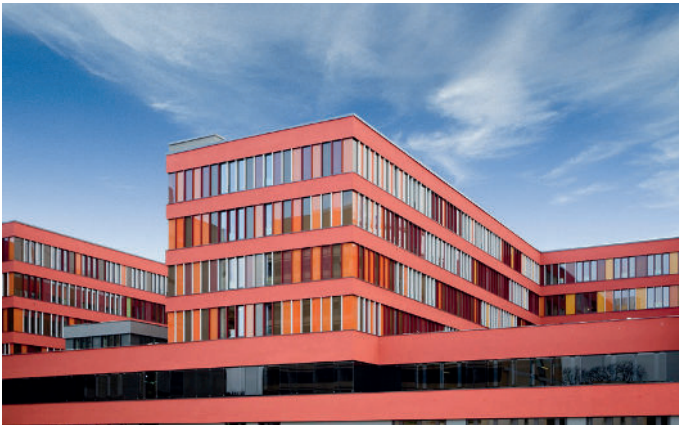
Solution
6x Silent Cubes DS, 3x32 TB each at two locations

Application
Dedalus DeepUnity

Partner
Dedalus

„**We have therefore deliberately chosen a storage technology that cannot be compromised by crypto Trojans and the like.**"

Sana IT Services GmbH

Full story: https://fastlta.com/sana-offenbach

Photo: Sana Klinikum Offenbach

FAST LTA

Our systems for secure archiving:

Silent Cubes & Silent Bricks.

For WORM-protected archiving, there is no better solution than Silent Cubes. Data protection and VTL archives are in best hands on the Silent Bricks.

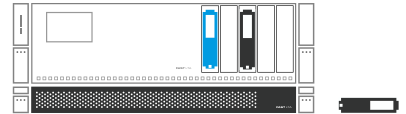|		**Silent Cubes**	**Silent Bricks**
1	Main application	Compliant WORM archiving & active WORM archives	Backup & recovery / VTL archives
2	Security	Erasure Coding with quadruple redundancy and sealing via hardware WORM.	Triple Parity SecureNAS (ZFS) or Erasure Coding with quadruple redundancy.
3	Storage media	Stationary Silent Cube DS (Pro), standby capable.	Stationary Silent Brick Max and (re)movable Silent Brick Plus & Air.
4	Capacities	Individual Silent Cubes are available in capacities from 4 to 128 TB (net). The overall system scales dynamically up to the petabyte range.	Silent Brick Max with up to 240 TB, Silent Brick Plus with up to 48 TB and Silent Brick Air with up to 24 TB (gross). Thus, up to 6 petabytes can be realized per controller.
5	Geo-redundancy	Silent Cubes can be easily replicated to a second location - even to the FAST LTA Data Center if desired.	Silent Bricks can be replicated - or transported - to one or more other locations on a per media basis.

FAST LTA

we secure petabytes.

Secur**IT**y
made in Germany

Trust Seal
www.teletrust.de/itsmig

PROUDLY MADE IN EUROPE

10 YEARS

MINIMUM LIFESPAN

SERVICE AGREEMENT

INVESTMENT PROTECTION

ALL INCLUSIVE SERVICE

www.fast-lta.de

CARE
10 YEARS
ZERO-LOSS
DATA CONFIDENCE

FLEX
CLOUD EXPERIENCE
FLEXIBLE PRICING

STAR
CLOUD EXPERIENCE
SECOND LOCATION

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