

Silent AI

Making productive use of corporate knowledge – locally, securely, without the cloud.

Silent AI makes your company's knowledge accessible via an AI assistant – entirely on-premises, whilst fully respecting existing access rights. No prompts or tokens ever leave your network.

100%

local (on premises)

100%

secure (off-cloud)

100%

private (identity management)

Silent AI is a compact 2U appliance that features a high-performance GPU and fast NVMe storage as local storage.



OVERVIEW



Zero Cloud by design

All data and LLM inference are processed locally on the appliance. No tokens leave the network.



Identity management

AD/LDAP integration: Employees only receive AI responses regarding content they have read-only access to.



Seamless integration

Connectors for M365, SharePoint, Confluence, Slack, PDF, file server, SQL, ... – deployment in few days.



Plannable low TCO

A one-off investment. No token pricing, no subscription surprises, CARE maintenance included.



Compliance-ready

GDPR-compliant, NIS2-ready, EU AI Act-compliant. No data transfer to US infrastructure.



Made in Europe

Development, manufacturing and support in Germany. No risk of falling foul of the US CLOUD Act.

CHALLENGES



Data protection risks

Cloud AI sends prompts and documents to US servers. GDPR compliance and the US CLOUD Act are incompatible.



Authorisation gaps

Cloud-based AI requires additional rights management. Employees may view content without the appropriate access rights.



AI without a strategy

Competitors are more productive. NIS2 and the EU AI Act are now forcing decisions on AI governance.

Silent AI makes corporate knowledge usable and productive – today, locally and entirely under your control.

SOLUTION AND FEATURES

A fully local AI platform for your corporate knowledge



Local AI assistant

LLM inferencing on a dedicated NVIDIA GPU. No cloud API calls – fully air-gapped implementation possible.



Identity management

AD/LDAP integration: every response adheres to your organisation's existing access rights structure.



RAG on internal data

Retrieval-augmented generation on M365, SharePoint, Confluence, file servers, SQL and others – without any glitches.



Integrated connectors

Ready-made connectors for all common document sources. Painless deployment in days, not months.



Compliance by design

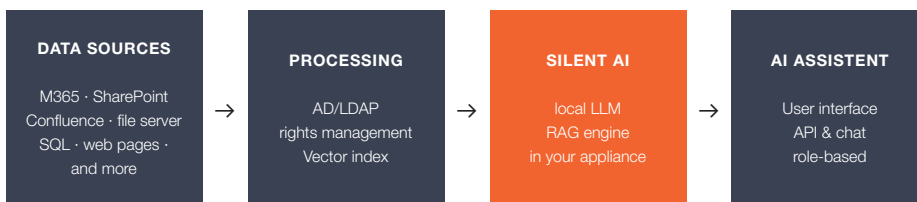
GDPR-compliant. No US CLOUD Act risk. NIS2-ready, EU AI Act-compliant. Audit-proof.



Future-proof

Interchangeable LLMs that are becoming increasingly powerful. Up to 48 TB of Silent AI Vault storage for local vector data.

ARCHITECTURE AT A GLANCE



YOUR BENEFITS

- ✓ No data leaks – guaranteed by design
- ✓ More productive employees
- ✓ Full stack - reduced IT workload
- ✓ Compliance without compromise
- ✓ A future-proof, scalable platform

SILENT ASSISTANTS

- Custom combinations of data sets, instructions and prompts, e.g.
- Service assistant with ticket system access
 - Financial assistant with a background in law
 - Medical assistant with specialist knowledge

WHY SILENT AI

01 ENTERPRISE AI

Use of AI with distributed, sensitive data. No cloud-based chatbot.

02 ZERO TRUST

Permissions inherited from the source systems. No exceptions.

03 ON PREMISES

All-in-one appliance. Made in Germany.

04 FLAT RATE

No token limits. Full cost control.

05 PROOF

Every answer with sources. Well-founded rather than made up.

Further information and a demo session:

www.fast-lta.de/en/silent-ai

FAST LTA GmbH | May 2026 | Subject to change



TECHNICAL SPECIFICATIONS

PLATFORM	
Provision	As a turnkey appliance, on-premises
GPU	Latest Nvidia GPU, 96 GB, fanless
STORAGE FOR LOCAL DATA	
Storage	Silent AI Vault storage module with 12x NVMe, triple parity
Storage slots	2 slots for Silent AI Vault
Storage capacity	12 or 24 TB (gross) per Silent AI Vault
NETWORK & INTERFACES	
Data	Dual 10GbE (RJ45) or 10GbE SFP+
Optional	Dual 25/100GbE (QSFP)
Management	1x 1GbE Admin 1x 1GbE IPMI
TECHNICAL SPECIFICATIONS	
Power	Idle: ~170 W Typical: ~636 W (1 active Silent AI Vault) Max: ~1.200 W
heat dissipation	Typical: 2170 BTU/h Max: 4094 BTU/h
Dimensions	2U x 19" x 640 mm Weight ~17 kg
AI & INTEGRATION	
Architecture	RAG (Retrieval-Augmented Generation)
Identity management	AD/LDAP integration (inherited)
User interface	Web UI · Chat API from mid 2026
Authentication	LDAP, SSO
Connectors	MS Office, MS SharePoint, MS Outlook/Exchange, Confluence, Slack, SQL, SMB/file server, PDF upload, web scraper More in development / upon request API from mid 2026
COMPLIANCE	
Data compliance	GDPR-compliant, no transfers to third countries
Regulatory framework	NIS2-compliant, EU AI Act-compliant
Origin	German product · not subject to US CLOUD Act
SLA	CARE 1/3/5 years, fixed conditions
Availability	Now