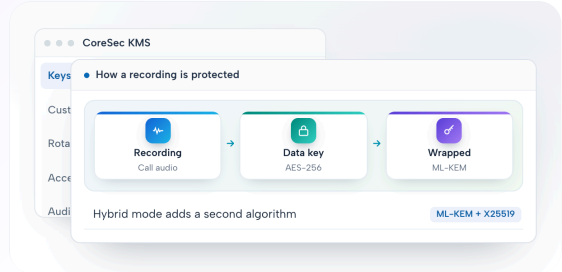




CoreSec KMS

Post-quantum key management that keeps your recordings yours.

A self-contained key management appliance for the whole CoreCx estate. Recordings kept today stay safe from harvest-now-decrypt-later attacks, and no single person ever holds the root secret.



- ✓ Quantum-safe today
- ✓ No single point of trust
- ✓ Rotate without regret
- ✓ On-premise or your own cloud

600 / min per identity

Key issuances

≈5,000

Concurrent clients

1

Exposed ports

Fully offline

Installer

What CoreSec KMS does for you

Quantum-safe today

FIPS 203 ML-KEM with a hybrid mode that holds unless both algorithms are broken.

ML-KEM Hybrid mode AES-256-GCM envelopes

No single point of trust

The root secret is split between two custodians, verifiable without disclosure, with offline recovery.

Two custodians Verifiable shares Offline recovery

Rotate without regret

Each recording is pinned to its key. Archived or revoked keys still decrypt, and destruction is provable.

Key pinning Archived keys decrypt Provable destruction

Zero-trust operations

Deny-by-default access, scoped service tokens, directory sign-in and a single exposed port. Recorders never wait on the KMS.

Deny by default Directory sign-in No per-call round trip

Works with what you run

iFlux Recorder

iFlux Secure Search & Replay

Directory and single sign-on

SNMPv3 monitoring

CoreCx EL hosts

Security, built in

- ✓ Modern TLS with forward secrecy only
- ✓ Sandboxed non-root services
- ✓ Reproducible builds with signed manifests
- ✓ Published vulnerability assessment

Specifications

Key issuances	600 / min per identity
Concurrent clients	≈5,000
Exposed ports	1
Installer	Fully offline
Deployment model	On-premise, air-gapped or bring your own cloud
Installation	Signed, offline installer

Where CoreSec KMS makes the difference

Keys no vendor and no single employee can use

Encryption keys sit with the application vendor or with one administrator who could walk out with them.

OUTCOME

Two people to recover, zero people to leak.

Become quantum-safe before the regulator asks

Boards are asking for a post-quantum plan and nobody wants to re-encrypt a decade of recordings later.

OUTCOME

A one-line answer for the board.

See CoreSec KMS on your own infrastructure.

Book a demo, or ask our product team for the architecture pack and a sizing.

corecx.ai

contact@corecx.ai