

Regulatory One-Page Summary

European Union

Regulatory Context

EU regulators emphasize data protection, integrity, accountability, long-term confidentiality, and explainability. Supervisory frameworks increasingly address AI governance, third-party risk, and operational resilience through prescriptive regulation.

Regulatory Problem Addressed

Long-term retention of sensitive data creates risks related to integrity, unauthorized access, explainability, and future cryptographic exposure, particularly in complex multi-vendor environments.

EpositBox Control Approach

EpositBox provides a data custody architecture that supports EU expectations for accountability and provable controls.

Key characteristics include:

- Immutable data integrity and versioning
- Full access traceability and auditability
- Separation of data custody from processing systems
- Cryptographic agility supporting long-term confidentiality

AI and Explainability Alignment

Immutable data lineage and access history support explainability and post-hoc review of AI systems, aligning with emerging EU AI governance requirements.

Data Protection and Confidentiality

EpositBox enforces strict access controls, minimizes human exposure, and supports cryptographic evolution without compromising historical integrity, supporting long-term data protection objectives.

Supervisory Takeaway

EpositBox supports EU regulatory objectives by strengthening accountability, explainability, and long-term data protection through architecture rather than policy alone.