
READING ROOM · SHAPE A · POLICY-ANALYTICAL BRIEF

The Sovereignty Doctrine · Lock-in Index, Transfer Math, Sealed Vault

TLTE's public dependency manifest, the Lock-in Index (LII), Mean Time To Independence, and the discipline of platform sovereignty.

Written for Institutes · OSINT & Legal · Parliamentary

Source Doctrine · Sovereignty

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Executive summary

A stateless civic institution must know exactly where its lock-ins live.

No vendor owns this archive. Every dependency is named in public; every substitution path is rehearsed in private. The institution survives the platform it was born on.

01 · Summary points

The Sovereignty Doctrine is the institutional discipline by which TLTE knows — at all times — exactly which external systems it depends on, what each substitution path costs in engineering-days, and which era a sovereign alternative is targeted for.

The doctrine has three surfaces:

1. The public manifest — every dependency declared by name, criticality, switch-cost, and sovereign substitution path. Lives at `/doctrine/sovereignty` and in `src/lib/sovereignty/dependencies.ts`.
2. The Lock-in Index (LII) — a single 0–100 scalar describing the institution's overall dependency posture. Lower is more sovereign. Recomputed live from the manifest on every page load.
3. The Sealed Vault — nine operational migration runbooks (Data, Identity, Intelligence, Comms, Render, Build, Governance, Communications Sovereignty Layer, full Exit). Behind a server-side Archon gate. Every read is logged in `soverei`

02 · Introduction · scope · methodology

Lock-in is a governance question, not a technical one. A successor body must be able to read the LII, see exactly what changed era over era, and hold the institution accountable to its own stated independence trajectory. The math, the manifest, and the audit log are governance instruments — the runbook bodies are operational instruments and remain sealed.

03 · Section I · structural record

The Doctrine reserves a single line for long-horizon communications sovereignty: partner-led smallsat capacity for store-and-forward archive sync where ground links are unsafe. The capability is for archive integrity under hostile ground conditions. It is not for signalling, not for surveillance, not for navigation, and not for dual-use technology. Operational detail is sealed in RB-08-comms-satellite under

Nilaiyam-era authorisation only.

04 · Section II · current operational picture

- The manifest is open. No private dependency. - The runbook bodies are sealed. No client bundle access for non-Archons. - Every Vault read is logged. The log is append-only and Archon-readable. - The LII formula is public. No private weighting. - The Doctrine cannot be amended to remove a declared dependency without an entry in the Continuity Changelog.

05 · Section III · comparative frame

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06 · Conclusions · policy implications

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07 · Recommendations

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