SNXS — PUBLICATION CORE

Canonical Constraints & Non-Canonical Exploration (Frozen)

I. CANON (FROZEN)

Canon defines **constraints only**.
It specifies **what must never be violated**, not how systems should be built, interpreted, or justified.

Any system state violating canon is **structurally invalid by definition**.

Canon is final.

L0 — Cybernetic Invariants (Canon)

The following invariants define the **valid state space** of any SNXS-compatible system.

1. **No Irreversible Control**
   No actor, coalition, mechanism, or process may acquire permanent or irreversible dominance over the system.

2. **Exit Is Always Possible**
   Participation must remain voluntary. Leaving, disengaging, or forking must always remain viable.

3. **Growth Remains Observable**
   Expansion of scope, influence, or resource use must remain inspectable and diagnosable.

4. **Decay Is Always Present**
   Accumulated advantage, power, or influence must degrade over time unless actively reproduced.

5. **Alignment Over Enforcement**
   System behavior must be shaped through incentives and structural constraints rather than coercive enforcement.

L0′ — Entropy Alignment (Canon)

> **Entropy Alignment**
> Any valid system state must remain coherent under irreversible processes
> (including time, decay, concentration, and loss)
> without requiring exceptional intelligence, vigilance, or virtue.

This invariant explicitly prohibits:

- permanence through optimization
- stability through stasis
- reliance on heroic oversight
- suppression or denial of decay

Canon Scope Boundary (Canon)

> **Canon defines constraints, not interpretations.**

Any explanatory, symbolic, historical, experiential, motivational, or personal framing is **non-canonical by definition**.

Canon Refreeze Rule (Canon)

> **Canon may only be unfrozen to remove ambiguity, never to add capability.**

II. NON-CANON PUBLICATION CORE

(Public · Free · Forkable · Non-Authoritative)

Non-canon material exists to **explore, explain, test, and apply** the canon.
It may evolve, diverge, contradict itself, or be discarded **without affecting canon validity**.

A. Explanatory & Conceptual Material (Non-Canon)

Includes:

- explanations of canon
- summaries and primers
- metaphors and analogies (cybernetics, thermodynamics, evolution, etc.)
- diagrams and visual models
- educational texts and FAQs

Purpose:

- legibility
- accessibility
- reduction of onboarding friction

Status:

- descriptive only
- no normative or binding authority

B. Reference Architectures & Layered Models (Non-Canon)

Includes (illustrative, not binding):

- **L1 — Local Autonomy**
  (semi-independent domains, bounded failure, legitimacy of non-participation)

- **L2 — Coordination**
  (advisory coordination, no command authority, no global telos)

- **L3 — Adoption & Validation**
  (voluntary adoption, validation before commitment, forking as resolution)

- coordination patterns

- contribution and merit systems

- decay curves and influence caps

- diagnostics and observability layers

- corruption walls and safety mechanisms

> **Clarification:**
> The detailed L1–L3 formulations from earlier SNXS drafts are retained in full as **reference architectures**.
> They illustrate one coherent way of satisfying the canonical invariants but are **not binding**, **not exclusive**, and **not authoritative**.

Purpose:

- illustrate possible instantiations consistent with canon

- provide starting points for experimentation and forks

No reference architecture is canonical or privileged.

C. Research Frameworks & Simulations (Non-Canon)

Includes:

- formal models
- simulations and testbeds
- pseudocode and prototypes
- stress tests and falsification experiments
- measurement and verification approaches

Purpose:

- test canon compatibility
- explore failure modes
- learn under real constraints

Status:

- experimental
- provisional
- expected to be incomplete or wrong

D. Application via Research Trades (Non-Canon)

Includes:

- L4+ application heuristics
- deployment translations
- context-specific constraint mapping
- failure-mode anticipation
- post-deployment observation frameworks

Characteristics:

- non-exclusive
- non-conditional
- observation-only
- no control or governance transfer
- no guarantees of outcome

Purpose:

- connect theory to reality without capture
- allow real-world testing under entropy

E. Forks & Divergence Paths (Non-Canon)

Includes:

- independent forks
- derivative frameworks
- incompatible or experimental variants
- partial or domain-specific adaptations

Purpose:

- evolution through divergence
- selection through use, not authority

Forking is expected and encouraged.

F. Narratives & Educational Material (Non-Canon)

Includes:

- storytelling
- historical context
- examples and case studies
- audience-specific documentation

Purpose:

- communication only

Narratives **do not define correctness**.

G. Founder / Author Thought Process (Non-Canon)

Includes:

- personal reasoning
- development notes
- intuition and insight logs
- symbolic, philosophical, or metaphysical parallels
- experiential accounts

Status:

- explicitly non-authoritative
- may be wrong
- may be ignored entirely

No personal authority is conferred by proximity to canon.

III. DEFINITIVE BOUNDARY

SNXS is:

- a cybernetic constraint framework
- a definition of valid state space
- a safety envelope for decentralized systems

SNXS is not:

- a product
- a protocol implementation
- a business model
- a governance system
- a political, economic, or moral doctrine

IV. FINAL CANONICAL TEST

If a reader can determine:

- what must never occur
- what must always decay
- what must always remain possible

without learning who authored it, why it exists, or how it should feel,
then the publication core is correct.

V. FINAL STATUS

Canon is **complete and frozen**.
All future work occurs **outside canon**.

- Implementations may vary
- Forks may diverge
- Narratives may decay
- Constraints remain