Nebula General Framework

Parallel track for governance, domain interfaces, and system-wide principles

Make the whole visible without possessing individuals; coordinate the future without deciding individuals' futures for them.

The whole's capabilities may grow, but cross-domain sovereignty must not grow as a result. Overall optimization may be analyzed but cannot automatically become a decision.

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B5 W2 controlled revision note: This document is the P1 document-by-document review result for NEBULA-GOV. It adds only the minimum T-10 boundaries proportionate to its responsibilities; it grants no new permissions and changes no Protocol, Schema, state machine, interface, frozen parameter, or existing real-world effect.

T-10 Governance parallel-track responsibilities, permissions, and version relationships (W2 / EMB-4 backlink)

Parallel responsibilities: This manuscript retains responsibility for final review of the governance domain and system-wide principles. V1.3-R2, formed in B5 W1, is the current control entry for three-layer interface continuity. The two tracks cross-check each other; they are not silently merged, and version numbers do not determine authority.

Sources of permissions: Nebula reveals whole-system causality, provides proposals, and coordinates interfaces. However, a whole-system view, overall optimization, and cross-domain capabilities generate no public decision-making authority. Permissions derive from real jurisdictions and the corresponding institutions.

Responsibility and affected parties: Facts, value judgments, public decisions, execution, audit, and repair are kept in separate layers. Every instance of cross-domain governance must show cost bearers, dissenting parties, and those otherwise invisible.

Exit and versions: When authorization ends, stages change, risks cross boundaries, or institutional capabilities mature, interfaces contract, step back, or require reauthorization. Governance differences are explicitly retained in the version inventory.

No new effect and sources: This section changes no existing domain interface, frozen conclusion, or real-world authorization. Sources: T-10 Compendium of the Convergence of Interdisciplinary Theoretical Upgrades V1.0; T-10 General Register of Derived Fields for Six Categories of System Components by Object, Version, and Stage B3 V1.0; T-10 General Audit Register of Embedded Content in Six Categories of System Component Document Families by Document, Version, and Stage B4 V1.0; B5 W1 P0 Controlled-Embedding Acceptance Report V1.0.

Control page

Version positioning, authority relationships, and boundaries of this round of write-back

Document positioning

This manuscript is a controlled final-review upgrade of Nebula General Framework V1.2: Systematic Write-Back of Governance and Domain Interfaces. V1.2 has completed the main write-back of Nebula's definition, the three goals, governance legitimacy, domain states, cross-domain externalities, minimum necessary facts, and system stepping back. V1.3 does not start a separate system or reopen frozen higher-level principles. It uses only the Framework of Civilizational Decision-Making Principles: Constitution for the Separation of Three Powers V3.0; Professional Specification for Civilization Leap's Private Domains, Public Domains, and Civilizational Subdomains V1.0; Spark Unified Control Page V1.1 / Spark General Framework V3.1; the already formed Resource Pool V2.1, Shared World V1.1, and Nebula Real-World Coordination Layer V1.3; and the second system-wide continuity audit to make final corrections to residual terminology, interfaces, drift types, explanatory fields, and deferred matters.

This is a general higher-level framework, not a real-world derivative of the Nebula Startup Edition General Framework. This round does not predetermine existing startup or transition editions, their experimental subjects, city interfaces, thresholds, time limits, or specific organizational arrangements. Once a real unified experimental or application subject has been selected, a version for that time and place will be derived from this framework and the domain specification.

Version-debt scan and handling in this round

- Preserve the original in full: the valid content on Nebula's distributed-whole definition, the three goals, seven-dimensional separation of subject, role, and domain, whole-system visibility, cross-domain externalities, minimum necessary facts, the governance lifecycle, safety repair, and system stepping back remains valid.
- Corrections required: consistently correct the old “intelligent coordination layer” to “Nebula Real-World Coordination Layer”; restate Resource Pool, Shared World, Contribution Value, and governance interfaces in accordance with the latest specialist ontologies; restore the six types of cross-domain drift to the frozen definitions in the Domain Specification.
- Additions required: Nebula does not own Sparks; the boundary between the responsibilities of the whole-system visibility layer and the real-world coordination layer; complete output fields; current and long-term effects and future choices; no-action options; and the conditions under which answers hold, fail, or require reassessment.
- Expressions to retire: a unified civilizational utility function, a unified domain total score, automatic domain-transition algorithms, overall optimization automatically becoming a decision, capability matching automatically generating individual obligations, and fixed autonomy levels treated as a system-wide general permission structure.
- Continue deferring: startup and transition participant numbers, ratios, seats, CV governance weights, autonomy / automatic-decision thresholds, emergency-permission durations, data-retention periods, domain-transition thresholds, and other time-and-place-specific parameters are to be derived separately once real subjects, jurisdictions, resources, and technical conditions become clear.

Six required write-back items in this round

- Domain-state visibility: Nebula can see whether different objects are in private, public, or civilizational-subdomain states, but “seeing” does not change rights status.
- Cross-domain externalities: Nebula makes cross-subject, cross-resource, cross-subdomain, and cross-time effects visible, but making overall causality visible does not automatically generate individual obligations.
- Minimum necessary facts: when aggregate facts, proofs, local computation, or restricted interfaces suffice for judgment, do not gather all raw data.
- Causal alignment with the three goals: every system design, judgment, recommendation, and resource-coordination action must be traceable from a real-world problem along an actual causal chain to freedom from survival insecurity, happiness in life, and a more meaningful life.
- Overall optimization has no sovereignty: it is an analytical result, not an automatic source of decision-making effect, cross-domain permissions, or legitimacy for sacrificing individuals.
- Prohibit a unified domain total score and automatic domain-transition algorithms: domain transitions must be judged according to concrete purposes, rights, externalities, professional responsibility, and due process; no single score may trigger them automatically.

Authority relationships

Level	Document or rule	Authority in relation to this manuscript
A	Civilization Leap's first overarching principle and three goals	Highest direction: change the default path through which self-interest realizes itself, while protecting subjectivity and the three goals
B	Civilization Leap from Theory to Practice V1.1 and shared invariants	Unify baselines for stages / phases / process states, subject–role–domain, resource–capability, and system stepping back
C	Constitution for the Separation of Three Powers V3.0	Provide the higher-level governance structure of purpose–causality–legitimacy–three powers–responsibility–results
D	Professional Specification for Private Domains, Public Domains, and Civilizational Subdomains V1.0	Provide domain definitions, minimum necessary cross-domain activity, reauthorization, return of permissions, and boundaries of professional autonomy
E	Spark Unified Control Page V1.1 / Spark General Framework V3.1	Provide interfaces for real subjects, explanations of recommendations, cross-domain reauthorization, and resistance to manipulation
F	This Nebula General Framework V1.3	Current common baseline for the Nebula series' higher-level definition, governance / domain interfaces, and system-wide principles
G	Future startup / transition / time-and-place-specific derivatives	Only map to reality, proceduralize, and parameterize; do not rewrite this manuscript's higher-level principles

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Nebula's core is to expand the visibility of shared facts, shared causality, and the conditions of conflict, rather than manufacture consensus.

Nebula is neither a unified civilizational brain nor a super-governor above all subjects. It is a distributed civilizational capability: previously dispersed subjects, public systems, professional subdomains, resource facts, use-right networks, intelligent capabilities, and real-world feedback coordinate within explicit boundaries. After coordination ends, permissions can be withdrawn, structures can contract, and subjects remain intact.

What Nebula must truly preserve is not the “optimal answer,” but the conditions and causal chain under which an answer holds. It can reveal conflicts but cannot calculate them away. It can make the whole visible but cannot own the whole merely because it sees it.

Chapter 1 Version positioning and core conclusion

1.1 Nature of the V1.3 upgrade

V1.2 retains V1.1's core definition that Nebula is not a server, organization, platform, or superintelligence, while retiring several expressions superseded by the new system-wide baseline: it no longer summarizes all governance legitimacy as “highest human decision-making weight,” describes the Resource Pool as a scheduling layer for callable resources, uses “operating phase” to cover both environmental state and task workflow, or combines contribution and decision-making into one functional system.

1.2 This edition's central governance judgment

Making overall causality visible is not the generation of individual obligations. Overall optimization is not governance sovereignty. Intelligence is not permission.

Nebula can calculate resource shortages, public risks, cross-domain externalities, and long-term consequences, and compare whole-system proposals under specific goals and assumptions. However, every analytical result must reenter the relevant subject, public, or professional legitimacy structure. More complete information, greater computing power, or more accurate predictions do not give Nebula cross-domain decision-making authority.

1.3 Current-stage boundary

The present stage remains one of calibrating the completeness and consistency of the system design. This manuscript freezes only general principles, object relationships, governance boundaries, and cross-system interfaces. It does not thereby initiate contact with real institutions, experimental recruitment, specific thresholds, city parameters, seat ratios, operating cycles, or automatic-decision breakpoints. Future real-world validation should be designed backward from the validation purpose of the complete system and the conditions of real subjects, rather than prewriting a standardized pilot through the current framework.

Chapter 2 Nebula's definition, purpose, and three goals

2.1 Formal definition

Nebula is a distributed civilizational operating whole, capable of layered autonomy and sustained evolution, jointly formed by real subjects and their Sparks, communities, public systems, civilizational subdomains, resource–capability systems, use-right networks,

governance structures, and civilizational capabilities such as AGI, under explicit boundaries for identity, authorization, responsibility, domains, and exit.

In this definition, AGI enters Nebula first as a civilizational capability, a public / professional intelligent system, and a governed technical capability. This does not presume that it is currently an independent governance subject. If new types of subject emerge in the future, their subjectivity, rights, and responsibilities should be studied separately, without retrospectively rewriting the present subject foundation.

2.2 Three goals as result coordinates, not a unified utility function

Goal	What Nebula must answer	Principal support	Must not degenerate into
Freedom from survival insecurity	Can subjects and communities obtain basic survival provision, and can civilization's critical capabilities be maintained and restored amid risks?	Basic provision, critical infrastructure, resource–capability redundancy, risk defense, and recovery	Permanent emergency, cancellation of rights in the name of safety, or contribution value determining eligibility for survival
Happiness in life	After surviving, do people have real opportunities for life, relationships, freedom, rest, enjoyment, exploration, and choice?	The body, daily life, relationships, autonomy, culture, exploration, travel, creation, and care	Happiness rankings, emotional optimization, consumption stimulation, or a unified life template
A more meaningful life	Can subjects generate meaning through real relationships, creation, taking on commitments, and consequences of action, and can meaning already formed be carried forward?	Relationships, creation, responsibility, real responses, civilizational memory, and long-term projects	Meaning scores, worship of contribution, or the system defining the value of a subject's life for them

Survival is the first goal, but “first” does not mean a fixed, permanent, infinite weight. The three goals are shared coordinates, not fixed weights. Specific goal modes should change with the domain, task, and environmental phase; no single goal may acquire permanent, unlimited priority.

2.3 Relationship between the three goals and the first overarching principle

The three goals answer what civilization ultimately adds for people; the first overarching principle answers how civilization's operating logic changes. Nebula must examine both whether results improve survival, happiness, and meaning, and whether the means respect subjectivity rather than relying on continuous manipulation, ranking, pressure, or behavioral prompting. Both the direction of results and the way civilization forms must hold.

Chapter 3 First overarching principle and causal alignment with the three goals

3.1 Nebula does not substitute “aggregate benefit” for a causal chain

Every system design, public recommendation, resource-coordination action, professional proposal, and cross-domain task entering Nebula must establish an explainable causal chain from the real-world problem to the three goals. The three goals are not civilizational labels added after a project ends; they are upstream constraints on the project's reason for existing and on comparison of proposals.

Real-world problem → purpose → direct objective → facts and evidence → causal assumptions → proposals and alternatives → changes in action / resource relationships → actual results → review against the three goals.

3.2 Nebula outputs must show conflicts separately rather than compress them into one score

Observational dimension	Minimum output	Prohibited
Survival effects	Basic provision, critical capabilities, risks, redundancy, and recovery capability	Swallowing other rights with an overall safety score
Happiness effects	Time, freedom, relationships, choice, and conditions for diverse lives	Quantifying happiness as a personhood score or unified behavior score
Meaning effects	Whether subjects have room for real relationships, creation, taking on commitments, and interpretation	The system declaring what is meaningful for subjects
Resource costs	Energy, materials, computing power, time, human effort, maintenance, opportunity costs, and necessary redundancy; explain current and long-term resource costs	Considering only present efficiency, ignoring recovery and future choices
Rights effects	Who is affected, whether participation is voluntary, which rights are limited, how to exit / appeal, and whether public action intrudes back into the private domain	Automatically offsetting a minority's rights losses with majority benefits
Uncertainty	Gaps in facts, model assumptions, failure conditions, and irreversibility	Disguising model predictions as facts
Distribution structure	Who benefits, who bears costs, and how current and long-term effects are distributed	Erasing cost bearers, intergenerational differences, or lost future options through aggregate net benefit
Future choices	Whether present action narrows subsequent pathways, recovery capability, alternatives, and the choices of those who come later	Permanently locking the future to today's optimum

3.3 Two levels of ultimate calibration

1. Calibrate the direction of results: does it ultimately serve freedom from survival insecurity, happiness in life, and a more meaningful life?

2. Calibrate the way civilization forms: is it realized through subjects' autonomy, real experience, and structures of shared benefit, rather than continuous external stimulation, manipulation, and control?

If Nebula achieves “higher aggregate benefit” by requiring subjects to endure continuous behavioral shaping, make private life public by default, lose exit options, or let contribution, efficiency, and civilizational goals override basic rights, that “optimum” is not success in the sense of Civilization Leap.

Chapter 4 Subjects, roles, domains, and basic relationships

4.1 Subjects answer “who”; domains answer “under what governance state”

Nebula must inherit the seven-dimensional foundation of subject, role, domain, rights, authorization, responsibility, and facts. Individuals are not equivalent to the private domain, public institutions to the public domain, or professionals to civilizational subdomains. One subject may simultaneously have a private life, public roles, and professional-subdomain responsibilities. Data, resources, capabilities, decisions, and responsibilities in the same matter may also occupy different domain states.

4.2 Nebula's treatment of the three domains

Domain	Source of purpose	What Nebula may do	What Nebula must not do
Private domain	The subject's lawful purposes and autonomous choices	Help the subject understand facts, consequences, alternatives, long-term effects, and externalities; provide capabilities as authorized	Implant public optimization, the three goals, or contribution requirements as the subject's default objectives; continuously profile the subject and expand permissions
Public domain	Public problems, statutory / legitimate public authority, public resources, and affected relationships	Make public facts, causality, benefits / burdens, proposals, unknowns, and responsibility visible	Automatically requisition the private domain because something is “beneficial to all”; directly turn analytical results into public orders
Civilizational subdomain	Professional problems, professional facts, evidence standards, professional responsibility, and domain rules	Support visibility of professional facts, risks, standards, capability dependencies, and cross-domain effects	Turn professional capability into a subject's life objectives, sovereignty over public values, or professional authority in other domains

4.3 Whole-system visibility does not change where a subject belongs

Nebula's ability to see the public consequences of a private choice, the cross-domain effects of a professional conclusion, or a resource's systemic dependencies does not mean that the original object as a whole changes domains. Seeing only reveals factual relationships. Disclosure, call-up, decision-making, and execution still require their own independent sources of rights and authorization.

Chapter 5 Nebula's core responsibilities and overall functional architecture

5.1 Four core responsibilities: see, understand, support continuity, and step back

1. See: expand the visibility of shared facts, shared causality, cross-domain externalities, resource dependencies, and future consequences.

2. Understand: preserve facts, evidence, inferences, causal assumptions, value judgments, proposals, decisions, and results in separate layers.

3. Support continuity: enable resources, use rights, professional capabilities, Spark capabilities, and governance actions that have legitimate authorization to form traceable coordination.

4. Step back: when subjects and communities can autonomously form mature judgments and coordination, reduce explicit prompting and step back into infrastructure for cognitive support, capability continuity, resource coordination, and civilizational memory.

5.2 Overall functional architecture

Functional layer	Primary responsibility	Core interface or boundary
Subject and Spark layer	Maintain real subjects' continuous identities, authorizations, relationships, and capability extensions	Private domain as the normal state; cross-domain reauthorization; opening capabilities does not mean opening the entire personhood
Basic survival and minimum civilizational capability layer	Safeguard basic survival, critical public services, redundancy, recovery, and crisis support	Basic rights precede contribution; crisis permissions are temporary, reviewable, and returnable
Resource Pool: resource–capability facts layer	Describe what exists, where it is, who owns / controls it, its current state, capabilities, dependencies, maintenance, redundancy, recovery, and unknowns	Visibility does not mean availability for call-up; facts do not automatically create ownership, use rights, or decision-making authority
Shared World: authorized use-right circulation layer	Host, validate, express, and circulate use-right relationships formed by subjects with authority, lawful public rules, or relevant professional procedures	Exchanging use rights need not exchange ownership; platform hosting is not authorization sovereignty; idleness is not an obligation to share
Nebula Real-World Coordination Layer: visibility of proposals, externalities, and execution conditions	Combine needs, resources, capabilities, time, risks, and responsibilities under given purposes, constraints, and authorizations; form alternatives, no-action proposals, externalities, results, and conditions for reassessment	Proposal generation is neither decision nor authorization; interface capability creates no execution sovereignty; overall matching creates no individual obligation

Functional layer	Primary responsibility	Core interface or boundary
Conditions for happiness and Dream Garden	Expand real conditions in which diverse lives, exploration, wishes, and creation can unfold	Wishes need not prove public value; do not manufacture wishes or allocate resources according to emotional appeal
Contribution Value: historical record of real contributions	Record actual contributions, responsibility, maintenance, risk bearing, and current relevance; separate historical facts from current permissions	Contribution is not a personhood score and purchases neither governance sovereignty, resource use rights, nor cross-domain eligibility
Governance V3.0: decisions, professional judgment, execution, and independent correction	Support lawful purpose and rule decisions, professional judgment, explicit execution, and oversight, audit, appeals, review, circuit breaking, repair, and termination	Separate the functions of the three powers; those under review cannot be their own sole auditors; AGI's analytical capability creates no sovereignty
Emergence and continuation of meaning layer	Protect the conditions for meaning to emerge and carry forward real relationships, creation, responsibility, and memory	Meaning can only emerge, not be issued as an order; do not define meaning through system outputs or KPIs

5.3 Nebula does not own its interface systems

Nebula does not absorb the Resource Pool, Shared World, Spark, Contribution Value, the Nebula Real-World Coordination Layer, and governance systems into one overarching platform. Sparks may form Nebula, but Nebula does not own Sparks. Nebula may support capabilities that Sparks open with their subjects' authorization, but must not acquire ownership of subjects, personhood, relationships, or unauthorized capabilities. Nebula makes interface relationships visible under shared semantics and boundaries. Specialist systems retain their own responsibilities, and rights and responsibilities retain their original sources. What is unified is minimum semantics, evidence, boundaries, and traceability, not every database, organization, and power.

Chapter 6 Domain-state visibility, cross-domain externalities, and minimum necessary facts

6.1 First identify an object's domain, rather than label people by domain

Nebula's domain view should address specific objects: actions, relationships, data, resources, use rights, intelligent capabilities, professional judgments, decisions, execution, contribution records, and responsibilities. A project may simultaneously contain private raw data, professional judgment, public funding, and shared use rights. Nebula must not replace object-by-object boundaries with the label “this project has entered the public domain.”

6.2 Cross-domain externality visibility

Externality type	What Nebula should make visible	What cannot be inferred automatically
Effects on others' rights	Affected subjects, paths of impact, reversibility, and compensation / appeal entry points	The subject as a whole enters the public domain
Public resources and infrastructure	Resource dependencies, costs, redundancy, opportunity costs, and recovery effects	Public need automatically requisitions private resources
Professional cross-domain effects	Which professional fact spills into which domain, and its applicability and failure conditions	A profession has cross-domain sovereignty over purposes
Systemic risks	Risk chains, dependency maps, propagation paths, and critical unknowns	A risk model automatically becomes a public order
Cross-time / intergenerational effects	Current benefits versus future resources, choice, recovery capability, and long-term burdens	Future value automatically cancels present subjects' rights

6.3 Minimum necessary facts principle

Nebula needs the minimum facts sufficient for reliable shared judgment, not knowledge of everything about everyone. Raw data should remain in their original domains wherever possible. Cross-domain activity should prioritize minimal facts, aggregate results, proofs, derived conclusions, local computation, restricted interfaces, or necessary capability calls. Expand the factual scope only when the purpose is explicit, the source of permission is valid, and smaller objects cannot support the judgment. Nebula's maturity consists in seeing shared causality without possessing the entire private domain, rather than possessing more private-domain data.

Being discovered does not mean being disclosed. Being disclosed does not mean being available for call-up. Permission to call upon something does not confer decision-making authority. Resource visibility does not mean availability for call-up.

6.4 Prohibit a unified domain total score and automatic domain-transition algorithms

Domains are not a continuous scale along which one number can automatically move something from “private” to “public.” Participant numbers, impact ratios, model risk scores, contribution values, data sensitivity, and system optimization scores cannot independently generate domain transitions. Nebula may flag that “reassessment may be necessary,” but a substantive domain transition requires renewed identification of purpose, legitimacy, affected relationships, minimum objects, permissions, responsibilities, duration, and conditions for return.

Chapter 7 Development stage, environmental phase, task process state, and goal mode

V1.1 placed three stages and eight “operating phases” in one framework. V1.2 corrected this using system-wide unified coordinates: development stages describe the civilizational system's maturity; environmental phases describe external carrying conditions; task process states describe where a specific task stands; goal modes describe which goal is currently served first. These four cannot substitute for one another.

7.1 Development stages

Stage	Principal question	Higher-level boundary
Startup	How can minimum real capability and a correctable closed loop form without rebuilding all of reality?	Low power and strong reversibility; no predetermined permanent parameters
Expansion	How can cross-subject and cross-organization interfaces grow without authorization spillover or platform sovereignty?	Greater interoperability while sources of rights and responsibilities remain independent
Transformation	How are existing rights, responsibilities, and real-world continuity carried forward while old and new rules operate in parallel?	Dual tracks, version migration, responsibility continuity, and rollback
Stability	With highly intelligent cross-domain coordination, how can capabilities grow without increasing intervention?	More automation, with clearer subjectivity, exit, responsibility, and system stepping back

7.2 Environmental phases

The unified environmental phases are normal operation, construction, exploration, resource strain, crisis, and recovery. Phases may change resource priorities, response speed, redundancy requirements, temporary permissions, and explanation cadence, but cannot automatically cancel basic rights, domain differences, professional boundaries, retrospective review, or the return of permissions.

7.3 Task process states

Process state	Nebula's main action	Permission discipline
Silent / inactive	Maintain minimum capabilities and necessary provision without active intervention	Private-domain priority; no new permissions without a task
Perception	Identify needs, anomalies, risks, or opportunities, and mark unknowns	Use only the facts and permissions needed for perception

Process state	Nebula's main action	Permission discipline
Aggregation	Confirm relevant subjects, facts, affected relationships, and task boundaries	Aggregating relationships does not grant authorization to act
Coordination	Generate proposals, capability matches, resource / use-right options, and alternatives	Proposal generation is not authorization
Decision-making	Bring facts, professional judgments, value conflicts, and legitimacy into the relevant governance structure	Nebula does not decide for legitimate subjects
Execution	Digital / physical action enters reality	Minimum permissions, responsibility anchors, and takeover / pause / circuit-breaking options
Testing and repair	Separately reveal actual results, harm, unknowns, contributions, and repairs	Establish facts and harm before judging responsibility
Contraction / dissolution / dormancy	Close temporary permissions, return resources / control, and retain necessary history	Permissions from the previous state must not automatically become permanent

7.4 Goal modes

A goal mode may concern continued existence, happiness, or meaning / long-term value, and multiple goals may operate in parallel. The three goals do not have fixed weights. Disaster response may temporarily prioritize continued existence; private rest may primarily serve happiness; cultural creation may primarily serve meaning. No goal mode may silently become a permanent governance principle.

Chapter 8 Purpose–causality stack and governance-lifecycle interfaces

8.1 Unified purpose–causality stack for Nebula judgments

Level	Required question
L0 Civilizational goals	What is ultimately added to survival, happiness, or meaning? Are other goals harmed?
L1 Purpose of the system / matter	What real problem would persist if this were not done?
L2 Purpose of the current task	Why does this coordination need to occur?
L3 Direct objective	What observable reality should change?
L4 Facts and causal mechanisms	On what facts is the judgment based, and why is the action expected to change the objective?
L5 Action and resource relationships	Who does what, uses what, and which domains change?
L6 Actual results	What actually happened, who benefited, and who bore the costs?
L7 Recalibration	Does the original causality hold? Continue, adjust, exit, or repair?

8.2 Nesting within the Governance V3.0 lifecycle

The governance lifecycle tracks a decision from the emergence of a problem and confirmation of purpose through results, repair, and termination. Nebula must always maintain separation among nine layers: facts → evidence → inference → causal assumptions → value judgments → rules → decisions → execution → results, and cross-check them against the purpose–causality stack. Nebula cannot merely provide an “optimal answer” or record “what was decided.” Preserving why an answer holds, the conditions on which it depends, and when it fails is more important than preserving a recommended answer.

8.3 Minimum explanatory structure for Nebula recommendations / analyses

1. Current problem.
2. Original purpose and current task purpose.
3. Direct objective and its relationship to the three goals.
4. Facts.
5. Evidence sources, versions, and limits of reliability.
6. Inferences.
7. Key causal assumptions and conditions under which the answer holds.
8. Principal alternatives.
9. No-action, delayed, or lower-intensity options.
10. Affected subjects, object-level domain states, rights, and sources of legitimacy.
11. Resource costs, necessary redundancy, recovery capability, and future choices.
12. Unknowns, uncertainty, and irreversible aspects.
13. Who benefits, who bears costs, and current and long-term effects.
14. Separately show positive and negative effects on freedom from survival insecurity, happiness in life, and a more meaningful life.
15. Who has authority to decide, who bears professional judgment, who executes, and who can independently audit / appeal / trigger circuit breaking.
16. Separately fill in actual results, unintended results, harm, contributions, and repairs after execution.
17. Failure conditions and conditions for pause / exit / return.
18. Conditions for reassessment: which changes in facts, permissions, resources, environmental phases, or results require reopening the judgment.

Chapter 9 Resource Pool, Shared World, and Nebula Real-World Coordination Layer

9.1 Responsibilities of the three layers must remain separate

System	Question answered	Nebula interface	Must not occur
Resource Pool: resource–capability facts layer	What exists, where, who owns / controls it, and what are its current state, capabilities, dependencies, maintenance, redundancy, recovery, and unknowns?	Supply minimum necessary resource–capability facts and carrying boundaries	Registration equals entry into the public domain; visibility equals call-up availability; facts equal rights
Shared World: authorized use-right circulation layer	How are use-right relationships formed by subjects with authority, lawful public rules, or relevant professional procedures expressed, validated, circulated, withdrawn, and returned?	Host and verify currently effective use rights, with accompanying responsibility	Platform hosting equals authorization sovereignty; idleness equals an obligation to share; successful matching equals acquisition of use rights
Nebula Real-World Coordination Layer: visibility of real-world proposals and externalities	Under given purposes, constraints, and authorization conditions, what feasible combinations, alternatives, no-action options, externalities, execution conditions, and failure conditions exist?	Generate / compare proposals; reveal causality, benefits / burdens, unknowns, results, and reassessment conditions; connect execution interfaces after a lawful decision and explicit authorization	Proposal / overall optimization equals decision; capability matching equals individual obligation; interface capability equals execution sovereignty

Nebula itself provides higher-level visibility of whole-system facts, causality, cross-domain externalities, proposals, and unknowns. The Nebula Real-World Coordination Layer is only its professional interface layer for combining real-world proposals, explaining conditions, and connecting authorized execution. This layer does not represent Nebula as a whole or acquire whole-system sovereignty.

9.2 Resource–capability consistency

Nebula must see capability gains together with costs in energy, materials, computing power, space, time, human effort, maintenance, ecological capacity, and future choices. Technical feasibility does not mean civilizational desirability. High current utilization must not come at the expense of necessary redundancy, recovery capability, or private safety reserves.

9.3 Resource shortages must not turn contribution into eligibility for survival

Resource-strain or crisis phases may change provision priorities and operating procedures, but contribution value must not become a tool for ranking eligibility for survival. Nor may public need automatically turn private-domain resources into public-domain resources. Nebula reveals shortages, alternatives, redundancy, and consequences; actual call-ups must return to lawful rights and governance structures.

Chapter 10 Conditions for happiness, Dream Garden, and the emergence of meaning

10.1 Conditions for happiness are not standards of happiness

Nebula can expand conditions for bodily life, daily living, relationships, autonomy, exploration, creation, rest, games, culture, and travel, but does not turn happiness into a personal score or unified path. People may remain, leap ahead, return, or choose an ordinary life with low participation and no grand meaning.

10.2 Dream Garden serves the unfolding of life, not system fulfillment of every wish

Dream Garden connects subjects' wishes, real capabilities, resources, settings, and relationships, offering real paths that can be understood, tried, and exited. A wish's emotional appeal cannot directly become a weight in public-resource allocation. The system must not manufacture wishes or exploit family bonds, regret, guilt, or identity anxiety to push subjects into projects.

10.3 Meaning can only emerge, not be issued as an order

Nebula can preserve relationships, creation, responsibility, errors, repair, and contributions that really occurred, so civilizational experience is not easily reset to zero. But it cannot prescribe what individuals must undertake, contribute, or become in the name of “civilizational meaning.” Only after real gains and real actions occur can meaning potentially emerge from results.

Concept	Principal sources	Nebula's responsibility	Boundary
Enjoyment	Play, the body, humor, sensation, and ease	Protect time, space, and freedom from evaluation	No need to prove long-term meaning
Interest	Novelty, curiosity, stories, exploration, and cognitive tension	Expand conditions for low-cost exploration and cultural encounters	No compelled conversion into meaning
Happiness	Security, relationships, the body, freedom, daily life, and choice	Reduce unnecessary scarcity and oppression and expand conditions for diverse lives	No happiness rankings
Meaning	Relationships, taking on commitments, creation, responsibility, and real consequences	Protect the conditions of emergence and carry forward real memory and responses	No unified definition, conferral, or scoring

Chapter 11 The whole and the individual: differentiation across three domains

11.1 Private domain: explain public consequences without implanting public goals

In the private domain, subjects first have the right to define their own purposes in life. Nebula may explain a choice's possible public effects, resource consequences, or long-term risks, but cannot turn public tasks into subjects' default goals merely on the basis of overall optimization, capability shortages, or civilizational goals.

Making overall causality visible does not generate individual obligations.

11.2 Public domain: shared affairs must be publicly explainable

When public power, public resources, generally applicable rules, involuntarily affected subjects, or broad externalities enter a matter, Nebula should reveal the public purpose, sources of authority, key facts and causality, alternatives, benefits and burdens, responsibility, and results. Strong public-domain transparency does not mean disclosing every related person's private-domain information.

11.3 Civilizational subdomains: independent professional facts, limited professional sovereignty

Nebula should protect the professional facts, evidentiary thresholds, risks, and responsibility cycles of medicine, research, energy, engineering, education, ecology, safety, and other subdomains, while preserving the break between “professional facts” and “subject / public-purpose decisions.” Contribution, reputation, model capability, or professional position in one field does not automatically generate authority in another.

11.4 Subdomain conflicts cannot be dissolved through a unified total score

Factual conflicts should be reviewed by the relevant professions. Resource conflicts require visibility of scarcity, alternatives, and harm and entry into the appropriate public governance. Value / purpose conflicts are decided by the relevant subjects or legitimate public procedures. Responsibility conflicts require distinguishing decisions, professional judgment, execution, maintenance, and repair. Nebula's role is to expose the structure of conflict, not declare who is “more important” through a civilizational total score.

Chapter 12 Governance legitimacy, the functions of the three powers, and AGI's role

12.1 Move beyond the single-axis expression “highest human decision-making weight”

V1.1 used “highest human decision-making weight” to express the boundary that AGI must not acquire civilizational sovereignty. Its core insight remains, but V1.2 adopts Governance V3.0's more complete structure. Who may participate in which decisions must be judged separately according to domain, basic rights, statutory powers, affected relationships, professional capability and responsibility, actual responsibility borne, historical contributions, and procedural legitimacy. These cannot be compressed into one unified weight.

12.2 The three powers are functions, not three fixed groups of people

Function	Principal question	What Nebula / AGI may do	What cannot be acquired automatically
Power to decide purposes and rules	Why act, what are the objectives and rules, and which value trade-offs are justified?	Supply facts, causality, proposals, effects, and unknowns	Sovereignty over purposes through analytical capability
Power of professional judgment	How should facts, evidence, standards, risks, and feasibility be judged?	Assist retrieval, modeling, simulation, and anomaly recognition	Substitution of model performance for professional responsibility
Power of execution	After a lawful decision, how should action proceed?	Execute automatically or under control within the authorized scope	Reverse modification of purposes and rules through execution permissions

12.3 Independent correction layer

Oversight, audit, appeals, review, circuit breaking, repair, and termination cannot form a wholly self-contained loop controlled by the original recommendation system, deciding subject, or execution system. Nebula can support anomaly discovery and evidence preservation, but cannot monopolize correction because it holds global logs.

12.4 AGI's present governance role

Public / professional AGI permissions come from institutional authorization, not intelligence itself. AGI may organize facts, run model-based projections, compare proposals, check causal assumptions, monitor goal / permission drift, and perform controlled execution. Matters involving subjects' purposes, public values, basic rights, professional responsibility, and irreversible actions must return to the relevant legitimate subjects and governance structures.

Chapter 13 Separating AGI capabilities from permissions: autonomy levels and deferred parameters

V1.1 used A0–A4 to describe technical operating capabilities. This edition no longer treats that classification as system-wide, fixed, or automatically upgrading autonomy levels. The table below is retained only as a historical capability-boundary mapping, illustrating the required separation between “what can be done” and “what one has authority to do.” It is not a unified set of implementation parameters, automatic-decision thresholds, or a permission-upgrade path. Autonomy classifications, takeover conditions, and technical thresholds for future real applications must be separately derived from actual jurisdictions, task risks, reversibility, professional responsibility, and technological maturity.

Historical mapping	Original capability scope	Principle-level conditions that may be retained	V1.3 treatment
A0 Recommendations, historical reference	Information organization, prompts, and proposal comparison	Traceable sources and identifiable unknowns	Recommendation is not decision; specific classifications are deferred
A1 Controlled execution, historical reference	Explicit, low-risk, reversible tasks	Item-by-item authorization, logs, and rapid withdrawal	Execution requires explicit authorization; specific classifications are deferred
A2 Domain autonomy, historical reference	Autonomous planning and scheduling within stable professional / operational rules	Domain reliability, anomaly recognition, takeover, and clear responsibility	Professional / operational capability creates no sovereignty; specific classifications are deferred
A3 Cross-domain coordination, historical reference	Multi-system proposal generation, dynamic coordination, and coordinated fault response	Cross-domain semantics, minimum necessary facts, independent auditing, circuit breaking, and responsibility chains	Substantive cross-domain activity still requires renewed identification, explanation, and authorization; specific classifications are deferred
A4 Highly autonomous management, historical reference	Large-scale real-time management, long-term optimization, and self-repair	Long-term stability, verifiability, ability to downgrade, and fulfilled social / legal conditions	High capability creates no authority over civilizational goals, rights, or irreversible value decisions; specific classifications are deferred

No future autonomy classification may be automatically bound to a model name, computing scale, market share, or platform control plane. Technological maturity must not be used to infer governance permissions. Stronger prediction means a greater duty to explain and less

permission to manipulate. The more accurately a system can identify people's vulnerabilities, relationships, and behavioral tendencies, the less it may exploit that capability to make changing subjects' behavior itself an optimization objective.

Chapter 14 Safety, drift, correction, return, and orderly contraction

14.1 Nebula must monitor more than technical failures

Drift or anomaly	Typical manifestation	Minimum response
Public-domain expansion drift	Originally only a limited task interface was opened; later, more private life, relationships, or data continually enter public systems	Reveal the basis for added public status; immediately contract any unsupported expansion
Scope drift	Authorization silently expands from the original purpose, object, use, or scope to new uses / objects	Stop new uses; explain again and obtain renewed authorization
Visibility drift	Information limited to subjects / professionals / procedures gradually becomes public by default or is copied across systems	Restore minimum necessary visibility, preserve necessary records, and review harm
Professional sovereignty drift	Professional facts or advice gradually become public orders, subject obligations, or cross-domain sovereignty over purposes	Restore the break between professional judgment and purpose decisions; enter independent correction when necessary
Temporal drift	Temporary permissions, emergency states, task roles, or interfaces remain effective after their conditions disappear	Trigger expiry review, revocation, and return of permissions / resources / capabilities
Interface-power drift	Platforms or AGI gain de facto cross-domain decision-making authority through control of data, models, directories, orchestration, or interfaces	Freeze power expansion, verify sources of permissions, and activate alternative interfaces and independent auditing

Beyond these six formal types of cross-domain drift, Nebula should also monitor systemic anomalies such as goal drift, resource / capability degradation, declining redundancy, model failure, and gaps in responsibility. These may trigger reassessment or local freezes but do not automatically generate new permissions. Nebula may help monitor drift but cannot be its own sole auditor.

14.2 Unified negative-feedback loop

Anomaly / harm / resource decline / withdrawal of authorization / invalidated goal → reveal facts → classify risk → local pause or load reduction → review → address responsibility and

harm → return permissions / resources → repair and compensation → update rule / model versions → graduated restart or permanent termination.

14.3 Orderly contraction is part of Nebula's capability

Civilizational systems must design not only growth but also safe contraction in advance when resources, energy, computing power, population, infrastructure, or environmental carrying capacity decline. Downgrade before pausing, and pause before closing. Prioritize basic survival, subjects' rights, critical foundational capabilities, necessary redundancy, recovery capability, and space for future choices. Crisis cannot automatically expand permanent control over private domains.

14.4 Freezing an interface first does not establish that a subject is at fault

When overreach or domain misclassification is found, locally freezing an interface only prevents effects from expanding further. Review should establish facts, valid permissions, actual harm, and causality before judging responsibility. The weakest affected subjects must not bear most of the cost of correction.

Chapter 15 Nebula's maturity and system stepping back

15.1 Maturity does not mean more connections, knowledge, and intervention

A mature Nebula is marked by clearer shared facts, more precise cross-domain coordination, earlier visibility of risks, easier repair of errors, and more timely closure of permissions. It is not marked by everyone being continuously online, more life becoming public, higher recommendation-adoption rates, or deeper subject dependence on the system.

Capabilities can continually strengthen without intervention strengthening alongside them.

15.2 Prioritize subjects' internalization

Nebula's long-term role is not continuously pushing subjects to “do the right thing.” It is to help subjects and communities form more mature autonomous judgments through real experience, by making facts, relationships, consequences, resources, and futures more fully visible. As autonomous judgment improves, the system should step back from behavioral prompting into infrastructure for cognitive support, capability continuity, resource coordination, and civilizational memory.

15.3 Ten maturity criteria

1. Nebula can reveal whole-system relationships without requiring all raw private-domain data to be pooled.

2. Domain states are visible by object, and the system does not covertly move private matters into the public domain.

3. Overall optimization always remains an analytical result and does not automatically become a decision.

4. Public needs, capability shortages, and professional recommendations do not directly generate individual duties of obedience.

5. Resource Pool, Shared World, Contribution Value, and governance interfaces retain separate responsibilities.

6. AGI capability upgrades have not caused simultaneous upgrades in governance sovereignty or cross-domain permissions.

7. Temporary permissions, task roles, and emergency states actually return when their conditions disappear.

8. Errors, harm, unknowns, contributions, and repairs can be separately recorded and corrected.

9. As explicit external driving forces decline, subjects and communities still reliably form autonomous cooperation and judgments of shared benefit.

10. The more mature the system, the better it knows when to connect, remain silent, exit, and return control.

Chapter 16 Real-world adaptation and boundaries for future derivatives

16.1 Unified general principles, individualized real-world applications

There will be no standard “miniature Nebula” directly replicable in every country, city, organization, and community. Any future real-world derivative must be generated from real subjects, development stages, environmental phases, task process states, goal modes, jurisdictions, resource properties, risks, authorization status, and existing institutional conditions.

Start from real problems and real capabilities at a particular time and place, rather than copying a scaled-down complete future form.

16.2 Items explicitly deferred at present

- Specific startup subjects and organizational structures
- Experimental scale, participant numbers, and cycles
- Domain-transition thresholds and impact ratios
- Data-disclosure / retention ratios and lists of professional mutual recognition
- Governance seats, voting ratios, and contribution weights
- AGI automatic-decision thresholds and emergency-permission durations
- Specific fiscal, budgetary, and engineering-deployment parameters

16.3 Generation sequence for future unified real-world validation

Validation purpose and core causal propositions → real subjects / jurisdiction → real problems and complete social relationships → minimum required closed loop → system / domain / rights mapping → proposals and parameters → exit and correction → only then decide scale, cycle, and technology.

Future validation aims not to prove Nebula correct, but to bring its core causal logic into real subjects, relationships, resource use, and consequences, discovering the conditions under which it holds or fails, risks of distortion, and real-world costs.

Chapter 17 Acceptance criteria, overall operating diagram, and version write-back

17.1 Overall V1.3 acceptance criteria

Dimension	Minimum judgment
Three goals	Each system / project can explain along a real causal chain what it ultimately adds, while revealing harm to other goals
Subjects	Private domains and the rights to authorize, refuse, withdraw, exit, appeal, and remain free from behavioral shaping are genuinely usable
Domains	Object-level domain states are visible; domain changes require reauthorization; facts are limited to the minimum necessary; permissions genuinely return after the task ends
Governance	Purpose–causality–legitimacy–three powers–execution–responsibility–results–correction are fully traceable; facts, evidence, inferences, causal assumptions, value judgments, rules, decisions, execution, and results remain in nine separate layers; overall optimization creates no sovereignty
Resources	Resource Pool resource–capability facts, Shared World authorized use-right relationships, Nebula Real-World Coordination Layer proposals / externalities / results, and governance decisions remain in separate layers; efficiency has not eroded redundancy, recovery, or future choices
AGI	Capabilities and permissions are separate; explanation, auditing, takeover, and downgrading are possible; capability strength gives no civilizational sovereignty
Happiness / meaning	Conditions for life and meaning emergence expand without happiness rankings, meaning scores, or continuous contribution obligations
Repair / exit	Errors can be found, interfaces frozen, harm repaired, systems downgraded, and structures contracted or terminated
Maturity	Capability growth accompanies declining explicit behavioral prompting and rising autonomous judgment among subjects and communities

17.2 Overall operating diagram

Real needs / problems / risks / exploration → identify subjects and domains → reveal facts / externalities / resource dependencies → purpose–causality stack → proposals and alternatives → legitimate governance decision → authorized execution → actual results → record contributions / errors / unknowns / repairs separately → Nebula reveals whole-system causality → return permissions / resources → new capabilities and future choices → subjects judge again.

17.3 Nebula's current core propositions

- Nebula makes the whole visible without possessing individuals; it coordinates the future without deciding individuals' futures for them.
- Nebula reveals conflicts rather than calculating them away.
- What Nebula truly preserves is not the optimal answer but the conditions and causal chain under which an answer holds.
- Overall optimization has no inherent legitimacy to dominate individuals.
- Making overall causality visible does not automatically generate individual obligations.
- The three goals may be made visible together but cannot be compressed into a civilizational utility function that automatically dominates individuals and subdomains.

- Resource visibility does not mean availability for call-up; proposal generation does not mean authorization; capability does not automatically generate power.
- The more mature the system, the more precisely it should open and close boundaries, rather than permanently bringing more life under governance.
- Stronger prediction means a greater duty to explain and less permission to manipulate. Nebula must not make changing subjects' behavior itself an optimization objective in the name of civilizational optimization, public need, resource efficiency, contribution maximization, retention, conversion, or commercial revenue.

17.4 Write-back sequence after this round

Object	Synchronization required	Not done at present
Nebula specialist series	Unify Resource Pool V2.1, Shared World V1.1, Nebula Real-World Coordination Layer V1.3, domain states, task process states, and governance-interface terminology; retire the old “intelligent ERP / intelligent coordination layer” as formal ontology names	Do not rewrite all specialist manuscripts into one overarching platform or reopen frozen specialist ontologies
Contribution Value white paper / engineering plan	Domain-limited mutual recognition, nondisclosure of private motives, and no purchase of governance sovereignty through contribution	Do not predetermine pilot weights or evaluator numbers
Resource Pool / Shared World	Retain the current specialist-body baselines; subsequently perform controlled version upgrades of candidate / effective status, authorization verbs, result return, and correction interfaces only as prescribed by the three-layer continuity audit	Do not put scheduling, authorization sovereignty, or governance responsibilities back into Resource Pool / Shared World
Spark series	In principle retain V1.1 / V3.1; check the two-way Nebula–Spark interface	Do not expand Spark permissions because of Nebula's whole-system view
Governance V3.0 / Domain Specification V1.0	Remain frozen; cite only in the interface index	Do not reopen higher-level master manuscripts because Nebula's specialist details are refined
Future startup / transition derivatives	Derive from this framework after the real unified experimental subject is selected	Do not set specific parameters, thresholds, seats, or cycles now

Appendix A Minimum record fields for Nebula analyses and recommendations

1. Matter / task number, version, and current status.
2. Current problem.
3. Original purpose, current task purpose, and direct objective.
4. Subjects, roles, affected parties, and responsible subjects involved.
5. Separate object-level domain states for rights, data, resources, capabilities, professional judgments, execution, and contribution records.
6. Key facts.
7. Evidence sources, times, versions, limits of reliability, and traceability chains.
8. Inferences.
9. Key causal assumptions, conditions under which the answer holds, and failure conditions.
10. Principal alternatives.
11. No-action, delayed, or lower-intensity options.
12. Who benefits, who bears costs, and current and long-term effects.
13. Effects on freedom from survival insecurity.
14. Effects on happiness in life.
15. Effects on a more meaningful life.
16. Resource costs, necessary redundancy, recovery capability, and future choices.
17. Rights effects, cross-domain externalities, and scope of minimum necessary facts.
18. Unknowns, uncertainty, and irreversible aspects.
19. Who may decide, who bears professional judgment, who executes, and the sources, objects, scope, conditions, responsibilities, and stopping / return conditions of authorization.
20. AGI / model role, capability conditions, and sources of permissions.
21. Actual actions, executors, logs, and pause / takeover / circuit-breaking records.
22. Actual results, unintended results, externalities, and actual effects on the three goals.
23. Separately record contributions, errors, unknowns, harm, repairs, and compensation.
24. Whether historical facts have been separated from currently effective permissions.
25. Whether the original causality still holds, when reassessment is required, the next version, and closure / return status.

Appendix B Expressions that must not be reintroduced

Prohibited-regression / high-risk expression	Why it cannot be used	Unified replacement
“Nebula calculates the overall optimum and then executes automatically”	Turns an analytical result into decision-making effect	Nebula reveals proposals, causality, burdens, and unknowns; the relevant legitimate subject decides

Prohibited-regression / high-risk expression	Why it cannot be used	Unified replacement
“Reaching a domain score automatically places an object in the public domain”	Turns domains into ranks and algorithmic power	Nebula prompts reassessment; substantive domain transitions require renewed identification, explanation, and authorization
“The Resource Pool supplies callable resources”	Confuses resource facts with use rights	The Resource Pool supplies resource–capability facts; Shared World hosts authorized use rights; the Nebula Real-World Coordination Layer generates / compares real-world proposals
“The best-suited person automatically takes on the task”	Smuggles individual obligations in through capability matching	Capability matching creates optional proposals, not an obligation to obey
“High contributors have greater civilizational decision-making authority”	Lets contribution buy governance sovereignty	Contribution history may serve as a specific factual input but does not automatically generate general sovereignty
“Highest human decision-making weight” as a unified rule	Compresses complex legitimacy into a single weight	Determine legitimacy separately by domain, rights, statutory authority, affected relationships, professional expertise, and responsibility
“Operating phase” referring to both environment and task workflow	Mixing coordinates causes permission expansion	Separate environmental phases from task process states
“Nebula must centralize all data to see the whole”	Slides from global vision into data possession	Prioritize aggregate facts, proofs, local computation, and minimum necessary interfaces
“Intelligent ERP / intelligent coordination layer” as the formal name of a civilization-level ontology	Easily extends enterprise-planning, centralized-data, and unified-scheduling semantics into a prototype for civilizational governance	Consistently use “Nebula Real-World Coordination Layer”; traditional ERP / MES / SCM serve only as authorized legacy interfaces

Appendix C Items frozen, deferred, and designated as the sole next handoff

C.1 Formally frozen in this round

1. Nebula makes the whole visible without possessing individuals. Sparks may form Nebula, but Nebula does not own Sparks.

2. Overall optimization may exist as an analytical result but cannot automatically become a decision, an individual obligation, cross-domain permission, professional-judgment authority, public-purpose decision-making authority, or execution sovereignty.

3. The three goals must be made visible separately; establish no unified civilizational utility function, domain total score, or meaning score.

4. Domain states may be seen but cannot be automatically changed by Nebula. Substantive cross-domain activity requires renewed identification, explanation, and authorization.

5. A global view follows the minimum necessary facts principle; raw data remain in their original domains wherever possible.

6. Resource Pool = resource–capability facts layer. Shared World = authorized use-right circulation layer. Contribution Value = historical record of real contributions. Governance V3.0 = structure for lawful purpose decisions, professional judgment, execution, and independent correction. Nebula = visibility of whole-system facts, causality, externalities,

proposals, and unknowns. Nebula Real-World Coordination Layer = professional interface for feasible real-world combinations, execution conditions, and result return.

7. The six unified types of cross-domain drift are public-domain expansion drift, scope drift, visibility drift, professional sovereignty drift, temporal drift, and interface-power drift. Nebula may monitor them but cannot be its own sole auditor.

8. Stronger prediction means a greater duty to explain and less permission to manipulate. System maturity is tested by stronger subject autonomy and system stepping back as needed.

C.2 Items still deferred

Unified experiment participant numbers, voting ratios, committee seats, CV governance weights, autonomy / automatic-decision thresholds, domain-transition thresholds, emergency-permission durations, data-retention periods, organizational structures, and specific fiscal and deployment parameters remain deferred. Only after real experimental / application subjects are established may these be separately derived from actual jurisdictions, organizational structures, subject relationships, resource conditions, technological maturity, professional responsibility, real-world problems, and existing institutional capacity.

C.3 Sole next handoff

Under the sequence already frozen in Review of the Resource Pool–Shared World–Nebula Real-World Coordination Layer Three-Layer Interface Closed Loop and Second System-Wide Continuity Audit V1.0, the sole next handoff is Controlled Write-Back of Resource Pool V2.2–Shared World V1.2 Three-Layer Interfaces and System-Wide Naming Unification of the Nebula Real-World Coordination Layer. Execute only the frozen naming, authorization verbs, candidate / effective status, execution responsibility, result return, and correction interfaces. Do not reopen the positioning of the three layers or generate real-world operating parameters.

Conclusion The stronger the whole becomes, the more clearly it must know what does not belong to it

Nebula addresses a genuinely difficult question: when AGI, resource networks, public systems, professional subdomains, and countless real subjects can be connected on an unprecedented scale, how can civilization gain whole-system capabilities without swallowing individuals, private domains, professional facts, and future choices into one overarching system?

The answer is not to make Nebula more like a central brain or compress every conflict into a civilizational total score. Nebula should make facts more complete, causality clearer, consequences visible earlier, and resource–capability relationships more understandable, enabling subjects and public governance to make more mature decisions. Once a decision is established, it supports coordination; when the task ends, it returns permissions.

Make the whole visible without possessing individuals; coordinate the future without deciding individuals' futures for them.

A truly mature Nebula not only can connect everything but knows what should not be connected; not only can calculate everything but knows what calculation cannot decide; not only has ever-stronger capabilities but can quietly step back once subjects can judge autonomously. The true endpoint is not a system ever better at driving people, but people who increasingly need no system to drive them.

Reading guide and personalized further reading

P06-NEBULA-013 | V1.3-G1 | Dual-track general higher-level framework | V1.3-G1

What this manuscript covers

R2 maintains continuity in three-layer interfaces, subject eligibility, permissions, and system stepping back. G1 covers governance, domain interfaces, cross-domain externalities, and system-wide principles.

Current stage

Cross-stage. Make the whole visible without possessing individuals. Overall optimization may be analyzed but cannot automatically become a decision. R2 and G1 do not supersede one another linearly.

Continue reading

1. Across from G1 | Nebula Startup Edition Human–Machine Decision-Making and Governance

Bring governance, domain, and subject boundaries into concrete startup / transition governance problems.

https://www.civitas.top/en/documents/p06-nebula-006/

2. Across from G1 | Framework of Civilizational Decision-Making Principles: Constitution for the Separation of Three Powers

Distinguish legitimate purposes, professional judgment, execution, and independent correction.

https://www.civitas.top/en/documents/p05-three-001/

3. Across from G1 | Human-COS: Seeing Earlier What Would Otherwise Be Seen Only Later

Bring forward high-consequence judgments about direction, responsibility, and key objections.

https://www.civitas.top/en/documents/p05-humancos-004/

4. Across from G1 | Common Window Protocol: Open Futures and the Three Constraints

Protect the minimum conditions for continuing to choose, refuse, exit, and roll back in the future.

https://www.civitas.top/en/documents/p05-window-005/

5. Across from G1 | AGI-COS Controlled Version Family

Assign operating permissions, safety, circuit-breaking, and human takeover to the corresponding AGI-COS track.

https://www.civitas.top/en/families/p05-agicos/

6. Toward the long term | Overview of Nebula Stage–Phase–Goal–Spatial Domain Relationships

Connect stage, phase, goal, and spatial-domain relationships to the long-term panorama.

https://www.civitas.top/en/documents/p07-nebula-004/

7. Companion track | Nebula General Framework V1.3-R2 continuity track

Continuity of three-layer interfaces, subjects, eligibility, permissions, and stepping back.

https://www.civitas.top/en/documents/p06-nebula-013/#r2

Stable website entry points

https://www.civitas.top/en/documents/p06-nebula-013/

Nebula family entry

https://www.civitas.top/en/families/p06-nebula/

Complete library

https://www.civitas.top/en/library/