AOS specification map

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AOS Specifications v1.0 · Edition dated 3 November 2026

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DEC-105 adopted - 29 October 2026: Current revision 0.55. Operational technical-control reliance requires declared scope/limits and accepted observed enforcement/failure/recovery evidence; build/prototype and G4/live approval gates remain separate. Decision/amendment record (../Supporting-Specifications/aos-dec-105-technical-control-limits-and-evidence-2026-10-29.md). Earlier counts/baselines are dated history; current inventory and annex addendum control catalogue navigation. Existing non-waivable rules and DEC-099-104 retained; all new cases/variants remain planned/unexecuted.

DEC-104 adopted - 29 October 2026: Current revision 0.54. Each mandatory protected-finding category requires assessed technical-failure and implicated-person interference arrangements with an appropriately independent authorised alternative and no implicated sole release gatekeeper. Decision/amendment record (../Supporting-Specifications/aos-dec-104-protected-reporting-and-implicated-recipients-2026-10-29.md). External reporting is conditional on justified lawful authority, not a default. Exact profiles/permissions, protected_finding v0.3 compatibility and actual evidence remain gates; amended wording retains ordinary separate review and cases are planned/unexecuted. Earlier contrary or narrower baselines are history for this scope.

DEC-103 adopted - 29 October 2026: Current revision 0.53. Decision validity/effective time, attributable evidence/authentication, minutes approval and permission to execute are separate. DEC-087 is partly superseded; decision/amendment and legal-source record (../Supporting-Specifications/aos-dec-103-decision-validity-evidence-and-minutes-2026-10-29.md). No universal later-minutes or second decision-record approval gate. Exact instruments/evidence policy, KX-06 v0.3 compatibility and ordinary separate review/readiness gates remain required; cases unexecuted. Earlier contrary wording is historical only where explicitly identified.

DEC-102 adopted - 29 October 2026: Mark approved demonstrated adequacy of organisation-defined classifications/settings against governing constraints. Current document revision 0.52; see the decision and amendment record (../Supporting-Specifications/aos-dec-102-classification-and-configuration-adequacy-2026-10-29.md). Earlier baselines are dated history. DEC-099-101 retained; detailed amended requirements remain subject to separate review/readiness gates and cases remain planned/unexecuted.

DEC-101 adopted - 29 October 2026: Mark approved demonstrated human capacity and meaningful review as conditions of operational reliance. Current document revision 0.51; decision and amendment record (../Supporting-Specifications/aos-dec-101-human-capacity-and-meaningful-review-2026-10-29.md). Earlier dated baselines remain history. DEC-099/100 are retained; requirements remain amended proposed wording and cases planned/unexecuted, with separate review/readiness gates unchanged.

DEC-100 adopted - 29 October 2026: Mark approved separate advance-authorised minimum control-metadata access. Current document revision 0.50; this notice supersedes earlier baseline notices for the affected scope only. See the decision and amendment record (../Supporting-Specifications/aos-dec-100-control-metadata-access-2026-10-29.md). DEC-099 remains approved. Requirements remain proposed wording implementing the approved direction; cases remain planned/unexecuted and

ordinary separate review/readiness gates apply.

DEC-099 adopted - 29 October 2026: Mark approved the derived-information restriction rule. Current document revision 0.49; earlier functional/editorial baselines below are retained history. The decision and controlled amendment record (../Supporting-Specifications/aos-dec-099-derived-information-restrictions-2026-10-29.md) governs this change. Existing requirement/case/IF identities are retained; amended wording remains subject to the normal separate review and readiness gates. No case execution or operating approval is implied.

Editorial edition - 29 October 2026: Mark authorised documentary corrections D-01-09. This edition reconciles navigation, count/revision pointers, conformance links and historical scope labels; existing technical meanings, requirement/IF/decision identities and proposed/planned status are retained. The internal version below identifies the retained functional baseline; this dated editorial edition identifies the corrected document. See the current document inventory (../Supporting-Specifications/aos-current-document-inventory-2026-10-29.md) and correction record (../Supporting-Specifications/aos-documentary-corrections-2026-10-29.md). Earlier dated adoption baselines are historical snapshots; exact logical family/view revisions are in Exchange Register §4.

Current documents: Change Constitution draft (../Supporting-Specifications/aos-change-constitution-v0-1.md); Phase 2 Living Specification (deferred under DEC-098).

Current supplier briefing -9October2026: Where does your product fit in AOS? (../Supporting-Specifications/aos-supplier-alignment-briefing-v0-1.md) is the plain-English supplier-facing draft under item12a. Explains possible product contributions, records/exchanges, retained responsibilities, permissions, failures, evidence and gaps; includes housing/asset/HR/sensor/finance/workflow/governance/platform examples, a repair illustration and short response template. Item12a author drafting complete; Mark review/publication remain separate. The earlier supplier outline now points to this briefing. AOS-00/Mapv0.47 records allocation only; DEC001-097, component/common meanings, source statuses and Phase2 deferral unchanged. Earlier dated next-task notices are history.

Current item12 drafting -9October2026: Extension, architectural fit and scoped conformance (aos-extension-and-conformance-specification-v0-1.md) drafted at Mark’s request, with “Where does my product fit?” as the primary supplier objective. Defines product-to-function mapping, retained owners, information/contracts, capabilities/dependencies/gaps and bounded evidence-supported claims;20 proposed obligations/10 planned assessments and a repairs-platform example. Functional author drafting complete; exact wording review remains5d; supplier briefing12a next. No published API, supplier assessment, certification, execution, build or operating approval claimed. AOS-00/Mapv0.46; DEC001-097 unchanged; Sharedv0.21/Corev0.6/Registerv0.20/Matrixv0.21; component/acceptance/Phase2 baselines unchanged. Earlier dated next-task statements are history.

Current functional-document completion - 9 October 2026: Items6,8 and9 are complete for functional drafting, planned case allocation and author consistency review. See final completion review (../Supporting-Specifications/aos-core-documentation-completion-review-v0-1.md). This is documentary completion, not whole-document approval, executed acceptance, G3/G4 or operating/institutional assurance. CAP-01/02 remain parked in Phase2; pilot5b and prior author correction closures remain closed. Mark review and implementation-specific contracts/run scope/verification are separate work. Items12/12a/13a/13/14 remain outstanding; the complete documentation/publication programme is not finished. Earlier dated task/baseline statements are history. AOS-00/Mapv0.45; DEC001-097 unchanged; Sharedv0.21/Corev0.6/Registerv0.20/Matrixv0.21; component and acceptance/Phase2 revisions unchanged.

Current revision set: AOS-00/Map v0.44; DEC-001-097; AOS-10v0.5/20v0.6/22v0.5/24v0.4/25v0.3/40v0.8; other components unchanged; Sharedv0.20/Corev0.6/Registerv0.19/Matrixv0.20; acceptance annexv0.2; reviewv0.3.

Current scope decision - 9 October 2026, DEC-097: Mark has moved CAP-01 Trade-Off Divergence and CAP-02 Risk Register Assessment into Phase 2 as specific use cases built on AOS. They are outside the current architecture/specification completion scope and are not current build, acceptance or publication prerequisites. No use-case design, configuration, implementation or testing is scheduled now. DEC-017's architectural inclusion is superseded on this point; its original record remains history. General human judgement, evidence, data-use/authority, independent challenge and protected reporting controls remain in the architecture. Dedicated legacy use-case IDs are retained only as deferred trace references, with original wording parked in Phase 2 (deferred under DEC-097); mixed rows retain only their general architectural obligations in current scope. Earlier inclusion/next-task/annex-dependency statements are superseded.

Current acceptance corrections - 9 October 2026: AT-CR-01-05 closed at functional-document/author-review level. AOS-40 v0.7 retains40 proposed requirements and38 planned parent cases, with108 individually assessable variants in the controlled acceptance annex. All variants remain planned/unexecuted. Architecture/Mapv0.43; Sharedv0.19/Corev0.6/Registerv0.18/SourceMatrixv0.19; DEC001-096 unchanged. Original parent acceptance and local component obligations remain necessary. Exact approved current-core execution scope/endpoints/profiles, human appointments, implementation evidence and independent/institutional assurance remain separate dependencies. Pilot5b remains closed. Earlier dated baseline/progress notices below are history; this correction and the linked controlled annex govern current acceptance planning.

Current sensing consistency closure - 9 October 2026: Mark authorised the remaining consistency work. SENS-CR-01-05 are closed at the functional-document/author-review level: all40 logical CON views across10-14 and40 have exact central adoption, producer/consumer/shared-owner and REQ/VER links; all80 controlled FP/RP/GT sources have precise current contributions and owned residual/gate dispositions; current body/control statements are reconciled. Versions10v0.4/11v0.3/12v0.3/13v0.2/14v0.8/40v0.6; Architecture/Mapv0.42; Sharedv0.18/Corev0.6/ExchangeRegisterv0.17/SourceMatrixv0.18; reviewv0.4. DEC001-096 unchanged. Sensing269 proposed REQs/176 planned VERs;40 retains40/38. No new requirement/case/interface, source promotion or execution. Exact compatible wire schemas/profiles, organisation appointments/capacity, independent review, legal/institutional/practice evidence and scoped build/activation remain separate; independent project review remains deferred. Earlier dated notices/addenda are historical. Current controlling allocation is the9October manifest and source addendum below.

Current approved Boundary directions - 9 October 2026: Mark agreed all five review recommendations at09:51UK time, qualifying material obligations to distinguish financial exposure from resource impacts. AOS-00-DEC-092-096 records those architectural directions; prior DEC001-091 unchanged. AOS-14 v0.7 incorporates the decisions into existing requirements/cases/contracts and resolves ISS003-007 at architectural-direction level. Exact organisation-specific materiality criteria, outcome evidence, obligation schemas/owners, declared control paths and pattern profiles remain implementation/commissioning gates; federation remains deferred. Architecture/Mapv0.41; Sharedv0.17/ExchangeRegisterv0.16/SourceMatrixv0.17; reviewv0.3. Other component versions unchanged.55 proposed Boundary requirements/34 planned cases; no new REQ/VER/IF, executed test, whole-document or build/operating approval. Earlier dated notices are historical. Next: remaining whole-sensing common/source/status corrections SENS-CR-02-04; independent review remains deferred as previously agreed.

Current Boundary completion - 9 October 2026: AOS-14 v0.6 completes the functional proposed core/research/supplier migration:55 requirements/34 planned cases, all80 FP/RP/GT contribution rows and explicit typed determination/contract mapping. Architecture/Map v0.40; DEC-001-091 unchanged. Shared Contracts v0.16/Exchange Register v0.15/Source Matrix v0.16 adopt Boundary-only links; Core v0.6, kernel01-05 v0.8 and10 v0.3/11 v0.2/12 v0.2/13 v0.1/25 v0.2/30 v0.5/40 v0.5 unchanged. Working naming resolved under existing OQ-013; federation deferred OQ-012; other material Boundary questions/commissioning and independent review remain gates. No new DEC/IF, case execution, build readiness or activation approval. Earlier dated baseline/next-step notes are history; no historical source status promoted. Next: Mark's Boundary review and scoped decision dispositions; complete remaining whole-sensing common/source/status remedies from SENS-CR-02-04.

AOS-14 supplier perspective - 8 October 2026: AOS-14 v0.5 now explains supplier integration/gateway/data/research/communication/sensor contributions, combined/manual/integrated arrangements, authoritative control and record ownership, worked contractor exchange and exact response rows. Proposed REQ-009/planned VER-007 cover supplier allocation; numbered totals are nine REQs/seven cases for research/supplier adoption only, with older Boundary criteria and full migration/source allocation still separate. Existing issues/decisions/common/source standings retained; no cases executed. Architecture/Map v0.39;10 v0.3,11 v0.2,12 v0.2,13 v0.1,40 v0.5 unchanged. Supplier consideration is included in all five domain drafts. Next is author five-domain/common consistency and source-allocation review; Mark review, item9 adoption, item8 annex/execution coverage, pilot5b and item6 remain open. Independent project review remains deferred; no build or operating approval. Earlier dated next steps are historical.

AOS-13 functional drafting - 8 October 2026: At Mark's request drafted AOS-13 v0.1 (historical revision; document in this edition (../Sensing-Domains/aos-13-process-intelligence-and-operational-coordination.md)): 57 proposed requirements, 40 planned cases, eight logical common-contract views and all 29 GT contributions. Versioned definitions, bounded monitoring, shared current checks/accounting, staged acknowledgements and accepted human duty, partial effects/retries, actual service outcomes, recovery, domain integration, own research and supplier participation are allocated. Architecture/Map v0.38; AOS-10 v0.3,11

v0.2,12 v0.2 add reciprocal Process references only; AOS-40 v0.5 adds planned VER-038 and exact Process counterparts (38 planned cases, none executed). Existing decisions, source manifest and common baselines remain unchanged. All five initial domain drafts now exist; AOS-14 supplier consideration and author domain/common consistency/source-allocation review are next. Item 9 review/operating adoption, item 8 annex coverage/execution, pilot 5b and item 6 implementation/commissioning remain open. Independent project review remains deferred; author document checks do not establish G3/G4, build readiness or operating approval. Earlier dated progress notices are historical.

AOS-12 functional drafting - 8 October 2026: At Mark's request drafted AOS-12 v0.1 (historical revision; document in this edition (../Sensing-Domains/aos-12-people-intelligence.md)): 53 proposed requirements, 35 planned cases, seven logical common-contract views and all29 GT applicability. Role-appropriate professional support, substantive human employment judgement, capability/development/AI literacy and manual competence, Employee Listening Charter, workforce privacy/small-group disclosure, workload/transition/unequal effects, worker rights/protected concerns, lifecycle/recovery and own external research are allocated. Supplier participation includes multi-function mapping, worked example and requirement-level response matrix. AOS-40 v0.4 adds People counterparts and planned VER-037 for human personnel judgement, small-group disclosure and professional capability continuity; now37 planned cases/40 proposed assurance requirements, none executed. Author structural/trace checks only; no independent assessment, legal conformance, G3/G4 or operating approval. Architecture/Map v0.37; DEC-001-091,10 v0.2,11 v0.1 and common/source baselines unchanged. Next: Mark's functional review, then AOS-13 Process with standing supplier consideration and exact domain/human accepted-duty adoption;14 supplier consideration due next revision. Item9/8 coverage/execution,pilot5b/item6 remain open; independent project review deferred.

AOS-11 functional drafting - 8 October 2026: At Mark's request drafted AOS-11 v0.1 (historical revision; document in this edition (../Sensing-Domains/aos-11-resident-intelligence.md)): 55 proposed requirements,33 planned cases,seven logical common-contract views and full29-test GT applicability. Private resident-initiated assistance/selected sharing, accessible language/human alternatives, agreed-channel repair owner/team delivery, requests/complaints/participation, separately governed enterprise analysis, optional property-triggered tiers/human welfare, secure lifecycle/recovery and own external adaptation research are allocated. Supplier participation includes multi-function realisation, worked example and exact requirement-response matrix. AOS-40 v0.3 adds precise Resident counterparts to existing VER-007-010 and privacy/service cases; its36 planned cases/40 proposed REQs are unchanged. Author document checks only; no execution, independent assessment, legal conformance or G3/G4/operating approval. Architecture/Map v0.36; DEC-001-091,10 v0.2 and common/source baselines unchanged. Next: Mark's functional review, then AOS-12 People with the standing supplier consideration;13 Process follows and14 consideration remains due next revision. Item9/8 further coverage/execution,pilot5b/item6 remain open; independent project review deferred.

Supplier participation redraft - 8 October 2026: Mark requested explicit supplier technology/software fit in each sensing specification. AOS-10 v0.2 now explains multi-function supplier realisation, standalone/integrated arrangements, logical contracts versus executable interfaces, a bounded Aico/HomeLINK illustration and requirement-level supplier responses; 49 proposed REQs / 34 planned VERs. All original asset IDs retained. Apply the standing consideration to initial AOS-11/12/13 drafts and the next AOS-14 revision; item12a draws on these mappings. Architecture/Map v0.35 records the direction; no product selected, conformance certified, test executed or operating authority changed. DEC-001-091 and common/source/AOS-40 v0.2 baselines unchanged.

AOS-10 functional drafting - 8 October 2026: At Mark's request drafted AOS-10 v0.1 (historical revision; document in this edition (../Sensing-Domains/aos-10-asset-intelligence.md)): 48 proposed requirements, 33 planned verification cases, seven logical common-contract views and full29-test GT applicability. Physical inspection/telemetry provenance, Living Asset Register coverage, uncertain condition/predictions, physical risk, resident-promise/completion evidence, investment inputs, building-safety information, manual fallback, privacy/recovery and own DEC-086 research are allocated. AOS-40 v0.2 adds asset counterparts and VER-036 building-information integration; its unknown-completion wording is corrected to DEC-039 rather than asserting definite incompletion from missing evidence. Author structure/reciprocal trace checks only; no case execution, independent assessment or G3/G4/operating approval. Architecture/Map v0.34; DEC-001-091 and common/source baselines unchanged. No new general design decision is needed to complete this draft; exact organisation/build/profile/endpoint dependencies remain owned. Next: Mark's functional review, then AOS-11 Resident Intelligence alongside AOS-13 Process repair/contact/duty integration. Item9 remains open for remaining domains; item8 execution/annex coverage, pilot5b and item6 remain open; independent project review deferred.

AOS-40 functional drafting - 8 October 2026: At Mark's request drafted AOS-40 v0.1 (historical revision; document in this edition (../Supporting-Specifications/aos-40-acceptance-integration-assurance-and-commissioning.md)): 40 proposed requirements, 35

planned system verification cases, full 29-test GT applicability, bounded overdue-repair contrasts, governance/authority/privacy/protected-reporting/recovery/integration/provider/drift/human-review/commissioning cases and own DEC-086 research profile. Author structural and reciprocal REQ-VER checks passed; no scenario execution, independent assessment, G3/G4 or operating approval. AOS-00/Map v0.33 document allocation only; DEC-001-091 and existing component/common-contract/source statuses unchanged. Domain/annex-specific cases, exact executable profiles/compatibility and observed evidence remain owned dependencies. Earlier dated starting points are historical. Next: Mark's functional review of AOS-40, then item 9 domain specifications, starting with AOS-10 Asset Intelligence in coordination with Resident/Process boundaries. Independent project review remains deferred; pilot 5b remains open.

GI consistency closure - 7 October 2026: Mark authorised GI-CR-01-04 corrections and closure. Functional drafting, reciprocal report-independence wording, decision/outcome consumer allocation, Mode 2 wording and current completion statements are reconciled. AOS-23 changes counterpart/current references only; its REQ/VER/CON rows are unchanged. AOS-00/Map v0.32, DEC-001-091; AOS-20 v0.5/21 v0.6/22 v0.4/23 v0.5/24 v0.3/25 v0.2/30 v0.5; AOS-01-05 v0.8, AOS-14 v0.4; Shared v0.15/Core v0.6/Exchange Register v0.14/source matrix v0.15; template v0.4; Control Coordination v0.2/Protected Reporting and Recovery v0.1. The review v0.2 records closure evidence; next AOS-40 acceptance scenarios. Earlier dated baseline/next-step statements remain historical. No new DEC/IF/operating power, case execution or build/activation/readiness approval; independent project review remains deferred and operating human independence remains mandatory.

Current AOS-25 allocation - 7 October 2026: AOS-25 v0.1 drafted at Mark’s request: purpose/precedent and Mode 1/2 drift, overrides, developer-framework divergence, cumulative/system effects, coverage and distributional patterns; unranked CAP-01 longitudinal evidence; GI account alongside independently prepared annual/material-triggered human review; empowered disposition, accepted corrective owners/dates and actual consequence learning; protected handoff, corrections including affected 30 workflows, own DEC-086 research and GI research-portfolio oversight. 48 proposed REQs, nine CON views, 30 planned cases and four unsubstantiated CRs; none executed. No new DEC/IF or automatic calibration/deployment/schedule. Mapped GI component drafting is complete; wording, whole-set consistency/disposition review and operating dependencies remain. Next: author GI-set consistency/disposition review across AOS-20-25 and AOS-30, then AOS-40 acceptance scenarios under item 8; independent project review remains deferred. AOS-00/Map v0.31, DEC-001-091; AOS-25 v0.1; AOS-20 v0.4/AOS-21 v0.5/AOS-22 v0.3/AOS-23 v0.4/AOS-24 v0.2/AOS-30 v0.4 (counterpart-reference alignment only); AOS-01-05 v0.8, AOS-14 v0.4; Shared v0.14/Core v0.6/Exchange Register v0.13; source matrix v0.14; template v0.4; Control Coordination v0.2/Protected Reporting and Recovery v0.1. No build/activation/readiness approval. Earlier dated baseline/next-step entries remain history.

Current AOS-24 allocation - 7 October 2026: AOS-24 v0.1 drafted at Mark’s request: faithful canonical rendering and provenance; uncertainty/review and exact Chair/board/action standing; unranked CAP-01 divergence and distinct assessment dimensions; accessible Petra interaction, scoped confirmation and challenge; purpose-bound audience disclosure; independent/protected preparation, correction notifications including affected AOS-30 workflows, evidenced delivery and own DEC-086 research. 40 proposed REQs, eight CON views and 26 planned cases, none executed. No new DEC/IF, deployment, schedule or numerical default. Next AOS-25 oversight, drift and learning; wording review and operating dependencies remain. AOS-00/Map v0.30, DEC-001-091; AOS-24 v0.1; AOS-21 v0.4/AOS-22 v0.2/AOS-23 v0.3 (reference alignment only); AOS-01-05 v0.8, AOS-14 v0.4, AOS-20 v0.3, AOS-30 v0.3; Shared v0.13/Core v0.6/Exchange Register v0.12; source matrix v0.13; template v0.4; Control Coordination v0.2/Protected Reporting and Recovery v0.1. No build/activation/readiness approval. Earlier dated baseline and next-step entries remain history.

Current AOS-22 allocation - 7 October 2026: AOS-22 v0.1 drafted at Mark’s request: permitted cross-domain synthesis; evidence-grounded proposed interpretation; human constitutional/value referral; actual-state options including infeasible alternatives; CAP-01 rigour/shared-basis divergence without ranking or recommendation between readings; independently governed preparation; canonical review, protected handoff, correction/outcome feedback and own DEC-086 research. 52 proposed REQs, nine CON views and 32 planned cases, none executed. No new DEC/IF or inferred moral-weight/default. Next AOS-24, then AOS-25; wording review and operating dependencies remain. AOS-00/Map v0.29, DEC-001-091; AOS-22 v0.1; AOS-21 v0.3/AOS-23 v0.2 (counterpart/reference alignment only); AOS-01-05 v0.8, AOS-14 v0.4, AOS-20 v0.3, AOS-30 v0.3; Shared v0.12/Core v0.6/Exchange Register v0.11; source matrix v0.12; template v0.4; Control Coordination v0.2/Protected Reporting and Recovery v0.1. No build/activation/readiness approval. Earlier dated baseline entries remain history.

Current AOS-23 allocation - 7 October 2026: AOS-23 v0.1 drafted at Mark’s request: permitted ingestion/normalisation; scoped criteria/application; document quality, claim support and practice evidence assessed separately under DEC-091;

evidence/uncertainty and graduated human review; artefact/source currency monitoring, owned/protected alerts, reporting-cycle inputs, corrections/outcome feedback and own DEC-086 research remit. 52 proposed REQs, nine CON views and 32 planned cases, none executed. No new DEC/IF or numerical default. Next AOS-22 synthesis/interpretation/options, followed by AOS-24/25; wording review and operating dependencies remain. AOS-00/Map v0.28, DEC-001-091; AOS-23 v0.1; AOS-21 v0.2 (functional endpoint/reference alignment only); AOS-01-05 v0.8, AOS-14 v0.4, AOS-20 v0.3, AOS-30 v0.3; Shared v0.11/Core v0.6/Exchange Register v0.10; source matrix v0.11; template v0.4; Control Coordination v0.2/Protected Reporting and Recovery v0.1. No build/activation/readiness approval. Earlier dated baseline entries remain history.

Current AOS-21 allocation - 7 October 2026: AOS-21 v0.1 drafted at Mark's request: scoped organisation/subsidiary profiles; external/operational/constitutional corpus; sourced artefact catalogue and criteria; delegated human stewardship; explicit approved precedent; currency, coverage, material correction and independent review; own DEC-086 research remit. 48 proposed REQs, eight CON views and 30 planned cases, none executed. DEC-090/091 applied; no new DEC or IF. Next AOS-23 using permitted corroboration with documentary quality, claim support and practice evidence separate. Functional drafting complete; wording/whole-document review and implementation/commissioning dependencies remain. AOS-00/Map v0.27, DEC-001-091; AOS-21 v0.1; AOS-01-05 v0.8, AOS-14 v0.4, AOS-20 v0.3, AOS-30 v0.3; Shared v0.10/Core v0.6/Exchange Register v0.9; source matrix v0.10; template v0.4; Control Coordination v0.2/Protected Reporting and Recovery v0.1. No build/activation/readiness approval. Earlier dated baseline notes remain history.

Current GIL scope disposition - 7 October 2026: Q01/Q02 approved by Mark as DEC-090/091; AOS-00/Map v0.26, DEC-001-091. Subsidiary profiles and permitted corroboration are settled for AOS-21/23 drafting. See approved disposition at the end. Earlier dated baseline notes remain history.

Current AOS-30 alignment - 7 October 2026: functional drafting and consistency alignment complete under Mark's instruction. AOS-00/Map v0.25, DEC-001-089; AOS-01-05 v0.8, AOS-14 v0.4, AOS-20 v0.3 and AOS-30 v0.3; Shared v0.9/Core v0.6/Exchange Register v0.8; source matrix v0.9 and template v0.4 unchanged; Control Coordination v0.2/Protected Reporting and Recovery v0.1 unchanged. Earlier dated baseline/adoption/next-step entries are history. CR30-01-03 are closed at the functional-document level; implementation/commissioning evidence remains separate. No new DEC/REQ/VER/IF identifier or operating power is introduced.

Current AOS-30 disposition: DEC-087-089 approved 6 October; AOS-30 v0.2 incorporates Mark's Q01 role/approval qualification and agreed Q02/Q03. See the approved-direction disposition at the end; earlier pending-choice notes are dated history.

Draft 0.55 - 29 October 2026
Change record: v0.48 records DEC-098 Phase 2 deferral of RI-001 and the proposed Change Constitution draft; no component obligation or operating authority changes. v0.47 records plain-English supplier briefing/item12a author drafting completion; no new requirement/DEC/interface. v0.46 allocates AOS-ECv0.1 supplier-fit/conformance support specification; no new DEC/component/interface or operating power. v0.45 records final author functional-drafting completion of6/8/9 and separates substantive approval/implementation dependencies; no requirement, contract meaning, source status or DEC changed. v0.43 records acceptance correction annex and traceability; DEC001-096 and parent IDs unchanged; v0.42 closes sensing author consistency/source/common corrections; v0.41 records approved Boundary DEC092-096 andv0.7 adoption; v0.40 completes Boundary functional/source/common migration under Mark's request, preserving decisions; v0.33 adds AOS-40 v0.1 functional case/assurance allocation; no new DEC/IF or parent REQ/VER. Previous v0.31 adds AOS-25 functional oversight/common/source allocation and completed GI component drafting status; no new direction. Previous v0.30 adds AOS-24 presentation/explanation functional allocation and common/source adoption; no new direction. Previous v0.29 adds AOS-22 synthesis/options/CAP-01 functional allocation and common/source adoption; no new design direction. Previous v0.28 adds AOS-23 v0.1 and common/source functional adoption; no new design direction. Previous v0.27 adds AOS-21 v0.1 and current common/source adoption; no new design direction. Previous v0.26 records approved GIL comparison Q01/Q02 as DEC-090/091; AOS-21/23 drafting follows. Previous v0.25 closes AOS-30 CR30-01-03 functional alignment: current adoption, explicit Chair/board distinction and conditional correction notifications; no new design decision. Previous v0.24 records DEC-087-089 and AOS-30 v0.2; Q01 qualified role/approval sequence, Q02/Q03 agreed; no requirement/readiness promotion. Previous v0.23 records AOS-30 v0.1 human decision/handoff draft, pending Q01-Q03 and common adoption references; no new direction approval. Previous v0.22 completes approved common-research reciprocal incorporation into AOS-03/05/14/20, pilot charter and logical contract/source records; no new design decision. Previous v0.21 records approved DEC-086 distributed external research, AOS-01/02/04 v0.7/template v0.4, nineteen-component coverage and mandatory future incorporation. Previous v0.20

records initial AOS-20 v0.1 charter/research draft and common-contract/source allocation. Previous v0.19 records DEC-079-085 GI approvals with agentic GI-adaptation research; AOS-20 drafting next. Previous v0.18 records DEC-073-078 and reciprocal action-4 reporting/recovery/standards adoption. Previous v0.17 records DEC-067-072 and action-3 logical adoption with accountable withholding notification; AOS-00 v0.17/components v0.5/register v0.2/Core-Shared v0.3. Previous v0.16 records DEC-062-066 approved 6 October; AOS-00 v0.16, component v0.4 and shared/core v0.2 / kernel exchange register v0.1 adoption. Previous v0.15 records approved AOS-05 directions DEC-058-061 under AOS-00 v0.15 / AOS-05 v0.2; exact component wording and commissioning remain open. Prior v0.14 records initial AOS-05 v0.1 drafting with four pending operational choices; no new DEC, requirement wording approval or readiness promotion. Prior v0.13 records approved AOS-04 directions DEC-054-057 under AOS-00 v0.14/AOS-04 v0.2; exact wording and commissioning remain open. Prior v0.12 records initial AOS-04 v0.1 drafting with four pending general choices; no new DEC, requirement wording approval or readiness promotion. Prior v0.11 records approved AOS-03 directions DEC-049-053 under AOS-00 v0.13 / AOS-03 v0.2. Exact component wording and commissioning remain open. Prior v0.10 records initial AOS-03 v0.1 drafting and five pending design questions; no new architectural decision or permission/readiness approval. Prior v0.9 records DEC-045-048 under AOS-00 v0.12: entity reconciliation, fact-specific source/assurance provenance, governed history/deletion and HACT preferred-reference alignment. AOS-02 v0.2 incorporates them; exact implementation/commissioning remains open. Prior v0.8 records DEC-042-044 under AOS-00 v0.11: bounded agent delegation, controlled individual withdrawal and conflict/prohibition precedence. AOS-01 v0.2 incorporates the directions; schemas/commissioning and component readiness remain open. Prior v0.7 records approved date/evidence and resident-agreed-channel directions DEC-036-041 under AOS-00 v0.10. Operational profiles and shared/core contracts incorporate the disposition; component adoption remains open. Prior v0.6 records approved operational-profile directions DEC-031-035 and points to AOS-00 v0.9 and Operational Profiles v0.1. No component boundary, requirement status or build approval changes. Prior v0.5 records approved Q01-03 as AOS-00 v0.8 DEC-028-030: last-enforceable-point control validation, reassessment of materially affected pending work, and authorised reconciliation before consequential repetition. Detailed profiles/roles and component obligation/verification coverage remain open. Prior v0.4 records the 4 October DEC-002 ownership approval, removes the incorrect DEC-002 alias from source-hierarchy question D02, and points to AOS-00 v0.7, including incorporation of existing FAR-R-002 as DEC-027. No component boundary, REQ/VER status or build approval changes. Prior v0.3 reconciliation: Reconciled AOS-00 v0.6, including DEC-021-026 and REQ-041-049, with the 19 September decisions and original 19 document boundaries. Original map v0.1 is retained in OneDrive version history; its source fingerprint remains in the v0.1 manifest. This author reconciliation does not approve new requirement wording or a build.
Purpose: organise the work required to fulfil PROJECT_OBJECTIVE.md.

This map identifies the specifications to produce, what each owns, how they connect, which sources inform them, and what must be resolved before they become ready for an AI coding agent. Its 19 responsibility boundaries were adopted as the working structure on 19 September (AOS-00-DEC-001). It does not select suppliers or authorise autonomous actions. AOS-00 v0.31 holds the controlling decision and requirement registers.

1. The shape of the suite

The AOS retains its 1+5 architecture: five sensing intelligences - Asset, Resident, People, Process and Boundary - operating within the purpose and accountability maintained by Governance Intelligence. The Governance Hub includes the board, committees and human practices through which that accountability is exercised. Only its software support is a software component.

The specifications fall into four groups:

Table row 1
Group: Shared architecture and services
Documents: AOS-00-05
Purpose: Define the common rules, data foundation and execution environment every component must use.

Table row 2
Group: Five sensing intelligences
Documents: AOS-10-14
Purpose: Specify each domain's observations, analysis, authorised actions and limits.

Table row 3

Group: Governance Intelligence
Documents: AOS-20-25
Purpose: Specify its charter, authoritative knowledge, synthesis, interpretation, assessment, presentation and oversight.

Table row 4
Group: Human governance and verification
Documents: AOS-30 and AOS-40
Purpose: Support accountable human decisions and establish how the assembled system will be tested and commissioned.

This gives 19 adopted working specification boundaries (AOS-00-DEC-001). Document boundaries are responsibility boundaries, not a requirement to build 19 applications or services. A component may contain several modules; shared requirements should have one authoritative definition and be referenced elsewhere.

CAP-01 and CAP-02 are specific use cases built on the architecture and parked in Phase 2 (deferred under DEC-097) under DEC-097. They are outside current architectural completion; no detailed development or scheduling now.

Demonstration scope (DEC-021-023/026; REQ-041-044): one repair that remains incomplete after the completion date communicated to the resident is sufficient for a proof of concept. The case escalates to an accountable human; the resident receives contact details for both a named case owner and the accountable repairs team. This selects a demonstration workflow, not a production release or completion of the 19-document suite. Each organisation approves its own operational classification of consequential actions within the non-waivable core (REQ-049).

2. Sources and their standing

Source identifiers below are local references for this map, not new principle numbering.

Table row 1
Ref: OBJ
Project source: PROJECT_OBJECTIVE.md
How it informs the suite: Deliverable and completeness standard.

Table row 2
Ref: FP
Project source: Source Documents/Foundational_Principles_v4.docx
How it informs the suite: Philosophical settlement and constraints.

Table row 3
Ref: RP
Project source: Source Documents/AOS_Reasoning_Principles_v6.docx
How it informs the suite: Current supplied reasoning principles: 40 principles across nine domains.

Table row 4
Ref: GT
Project source: Source Documents/Governance_Intelligence_Tests.docx
How it informs the suite: Fourteen Mode 1 and fifteen Mode 2 governance tests.

Table row 5
Ref: B1
Project source: Source Documents/Book 1 Full Text V2.docx
How it informs the suite: Purpose, human judgement, accountability and ethical foundations.

Table row 6
Ref: B2
Project source: Source Documents/Book 2 Full Text V2.docx

How it informs the suite: Architectural principles, transparency, lenses, voices and delegated agency.

Table row 7
Ref: B3
Project source: Source Documents/Book 3 Full Text.docx
How it informs the suite: Human practice, decision processes, feedback and governance assessment.

Table row 8
Ref: B4
Project source: Source Documents/Book 4.docx
How it informs the suite: Domain architecture, Governance Hub, UDL, risk and commissioning.

Table row 9
Ref: GIL
Project source: GIL_Technical_Specification_V2.docx
How it informs the suite: Existing detailed specification for organisation knowledge, governance knowledge, artefact assessment and monitoring. Reuse through reconciliation, not wholesale adoption.

Table row 10
Ref: GI-WP
Project source: Apple Notes / The book / Governance Intelligence- Internal Architecture - Working Paper.md
How it informs the suite: Synthesis, tiered corpus, interpretation, presentation and charter; precedent drift and independent review. Working design input.

Table row 11
Ref: GI-FT
Project source: Apple Notes / GI / GIL Technical Specification - Forward Tasks.md
How it informs the suite: Recheck GIL against RP v6; prospective general agent capability calibration and reciprocal GI oversight references. Explicitly not immediate-build authority.

Table row 12
Ref: BI-N
Project source: Apple Notes / Notes / Boundary Intelligence.md
How it informs the suite: 17 September proposal for independent transition controls, constitutional change control and separation of authority. Requires design development.

Table row 13
Ref: TD-N
Project source: Apple Notes / GI / Trade-Off Divergence Tool - Product Specification (Working Draft).md
How it informs the suite: Proposed GI configuration: rigour gate, divergence map and longitudinal review.

Table row 14
Ref: RR-N
Project source: Apple Notes / GI / Risk Register Portal.md
How it informs the suite: Candidate risk-register ingestion, normalisation and assessment configuration.

Table row 15
Ref: P-N
Project source: Apple Notes / GI / Petra.md
How it informs the suite: Interaction and voice reference, subject to the constitutional limits on AI authority and claims of interiority.

All Apple Notes paths above are beneath Source Documents/Apple Notes/. The source index and imported Notes README provide the wider reference inventory. Other exploratory notes and external references should be assessed when the relevant specification is drafted; inclusion in the folder alone does not make their proposals adopted requirements.

Approved source hierarchy (D02; AOS-00 §2.2, Mark’s 19 September direction): FP v4 and RP v6 govern the supplied baseline; the four books explain intent and architecture within those constraints; existing specifications and notes are proposals requiring

reconciliation. Later source changes and substantive conflicts require a recorded decision. Record conflicts and resolutions rather than silently selecting whichever passage is easiest to implement.

In particular, RP's explicit boardroom exclusion supplies a clear drafting baseline where earlier book passages differ. The four-book review's question about boardroom observation can therefore be narrowed to the permitted handling of records outside deliberation.

3. Shared architecture and services

Table row 1
ID / specification: AOS-00 - System architecture and specification conventions
Responsibility and principal contents: System context; 1+5 responsibilities; glossary; component and interface catalogue; source authority; requirement identifiers; deployment scope; build versus integration boundaries. Distinguish human institutions, software functions and external systems.
Main dependencies: OBJ; decisions D01-D02 below. Governs all other documents.
Source anchors: FP; RP, particularly 1+5 architecture; B4 Overview and architect's brief.

Table row 2
ID / specification: AOS-01 - Authority, constitutional controls and change
Responsibility and principal contents: Human and agent authority; permission/prohibition registers; Mode 1 parameters and organisation-approved consequential-action classification; reserved board-only telos amendment; executive proposal, Committee review and board sign-off for Schedule of Delegated Authorities amendments; operational-schedule-authorised immediate suspension and reinstatement process; versioned activation and protected escalation duties. Define enforcement requirements separately from AI interpretation of policy (REQ-015,025,031-032,045-049).
Main dependencies: AOS-00; approved organisational instruments. Co-design interfaces with 02, 03, 04, 05 and 30.
Source anchors: RP Modes 1/2 and Agentic Delegation; B4 Scheme of Delegation; GI-WP Charter; BI-N as proposed extension; DEC-021/024-025.

Table row 3
ID / specification: AOS-02 - Unified Data Layer and shared records
Responsibility and principal contents: Canonical entities, semantics, identifiers and event contracts; one authoritative definition and appointed semantic owner per shared contract; provenance; time and version history; confidence; purpose metadata; decision and action records; correction and retention; governed domain exchange. For the proof of concept, distinguish the date communicated to the resident from an internal target and retain completion, trigger and contact evidence (REQ-021,030,042-044).
Main dependencies: AOS-00-01; data-use rules from 03; domain requirements.
Source anchors: B4 Unified Data Layer and architect's brief; RP Feedback, Transparency and Sensing Boundaries; GIL UDL Integration; DEC-022-023/026.

Table row 4
ID / specification: AOS-03 - Identity, access, consent and data use
Responsibility and principal contents: Human/service identity; access by legitimate purpose and role; consent scope, withdrawal and expiry; permitted inference; retention and deletion rules; disclosure controls; information barriers; accessible consent records. Define how rules are enforced across processing, storage and output.
Main dependencies: AOS-01-02; resident and workforce protocols; D05-D06.
Source anchors: RP Ethics and Sensing Boundaries; B4 Resident/People/Boundary Intelligence; GI-WP Presentation.

Table row 5
ID / specification: AOS-04 - Common agent architecture and lifecycle
Responsibility and principal contents: Agent identity, task scope, tool access, authority checks, contextual limits, execution records, uncertainty handling, activation, schedule-governed immediate suspension/reinstatement, model changes and retirement. A common contract inherited by domain agents, including GIL monitors. Exploratory agent self-calibration is deferred from the required build scope (AOS-00-DEC-018); ordinary model evaluation, uncertainty reporting and performance monitoring remain in scope.
Main dependencies: AOS-01-03 and 05; operational coordination in 13; external access in 14; oversight in 25.
Source anchors: RP Agentic Delegation; GIL Agent Architecture; GI-FT; REQ-046-049.

Table row 6

ID / specification: AOS-05 - Platform operation, security and resilience
Responsibility and principal contents: Runtime boundaries; secret handling; independent controls; service health; outage detection; recovery; backup; manual fallback; deployment and rollback; operational incident evidence. Define threat assumptions and measurable service requirements, not unsupported guarantees of invulnerability.
Main dependencies: AOS-00-04; organisational operating capacity; deployment decision D10.
Source anchors: FP Structural Imperfection; B4 failure/fallback passages and Data Sovereignty; BI-N assume-compromise proposal.

Authority policy belongs in AOS-01; common records in AOS-02; data-use enforcement in AOS-03; agent behaviour contracts in AOS-04; runtime safeguards in AOS-05. The implementation may combine services, but these responsibilities must remain distinguishable and auditable.

The responsibility allocation is approved as a working direction (AOS-00-DEC-005): GI interprets and prepares; Boundary Intelligence governs external exchange (AOS-14); shared controls in AOS-01/03/05 with AOS-04 enforce approved permissions across all components; authorised humans adjudicate Mode 2. Mechanisms for amendment, suppression resistance and the dual-key proposal remain open under D08.

4. Five sensing intelligences

Each domain inherits AOS-01-05. The table names additional dependencies rather than repeating the full shared foundation.

Table row 1
ID / specification: AOS-10 - Asset Intelligence
Responsibility and principal contents: Property and component condition; sensor and inspection evidence; Living Asset Register; coverage confidence; early-warning and maintenance signals; investment-planning inputs; building-safety information. For the proof of concept, source the repair's resident-communicated completion date and actual completion evidence through controlled records; do not confuse an internal target with the resident's date. Make sensor gaps, manual evidence and prohibited behavioural inference explicit.
Additional connections: 02 for authoritative dates/events; 14 for supplier feeds; 13 for authorised workflows; 22 for synthesis; 30 for accountable review.
Source anchors: B4 Asset Intelligence and UDL; RP Golden Thread and Sensing Boundaries; REQ-041-042.

Table row 2
ID / specification: AOS-11 - Resident Intelligence
Responsibility and principal contents: Resident-initiated assistance; consented property explanations; accessibility and language support; participation protocols; tiered notifications; resident feedback. For overdue repairs, provide the resident contact details for both the named case owner and accountable repairs team through an authorised channel agreed with the resident, retaining the applicable agreement and delivery evidence. Separately define proposed enterprise service-experience analysis so it cannot inherit the assistant's permissions.
Additional connections: 10 property evidence; 03/02 permitted use and records; 13 internal routing; 30 named owner/team cover; 14 contextual sources; 22/30 welfare and governance questions.
Source anchors: B4 Resident Intelligence and Capability Portfolio; RP No-Exit, welfare/consent and Sensing Boundaries; REQ-044.

Table row 3
ID / specification: AOS-12 - People Intelligence
Responsibility and principal contents: Role-appropriate professional support; capability and development evidence; workforce listening; workload and organisational patterns. Specify small-group disclosure limits, employee access/correction and retained human ownership of employment decisions.
Additional connections: HR systems through 14/02; 13 operational context; 22/25 governance review.
Source anchors: B4 People Intelligence; Employee Listening Charter requirement; RP purpose limitation.

Table row 4
ID / specification: AOS-13 - Process Intelligence and operational coordination
Responsibility and principal contents: Process definitions; conformance monitoring; bounded workflow execution; context routing; exception queues; divergence dashboard; operational memory; technical multi-agent coordination. In the proof of concept, detect an incomplete repair after the resident-communicated date, escalate to an accountable human and track receipt, owner, contact provision and disposition. Define recovery from partial execution and prevent silent resolution of conflicts beyond delegated rules.

Additional connections: All domains through 02; authority in 01; common agents in 04; resident channel in 11; human workflow in 30; external actions via 14; conflicts to 22/30.
Source anchors: B4 Process Intelligence, Governance Intelligence orchestration distinction and Cross-Domain Coordination; RP closed feedback loops; REQ-042-044.

Table row 5
ID / specification: AOS-14 - Boundary Intelligence and external exchange
Responsibility and principal contents: Inbound and outbound flow register; source verification; partner data standards; authorised external retrieval; contractual and data-sharing constraints; incident co-reporting; external commitments and contact controls; dynamic risk perimeter; monitoring of excessive restriction as well as excessive openness.
Additional connections: 01/03 for authority and purpose; 02 for all exchanges; 04 for requesting agents; receiving domain for use of results.
Source anchors: B4 Boundary Intelligence and Risk Architecture; RP delegated authority and blind spots; BI-N, with its broader scope kept explicit.

Cross-domain safety and welfare routing is a shared workflow, not a seventh intelligence. AOS-01 defines the authorised duty and response window; AOS-03 defines permissible data use; the detecting domain supplies evidence; AOS-13 routes and tracks it; AOS-30 records human ownership and outcome; AOS-25 reviews failures and patterns. The chosen notification channel may involve AOS-14. No detected concern should be considered handled merely because a message was sent.

5. Governance Intelligence

GI-WP distinguishes three reasoning functions, one rendering function and a governing charter. This map preserves that distinction while giving the existing GIL assessment capability an explicit place. It does not treat the internal functions as new peer intelligences.

Table row 1
ID / specification: AOS-20 - Governance Intelligence architecture and charter
Responsibility and principal contents: Define GI's whole responsibility, internal boundaries, authorising and obligating charter, human accountabilities and prohibited functions. Establish which findings must be escalated and how GI is itself governed. Separate machine support from human adjudication.
Main dependencies: 00-05; specifies contracts among 21-25 and 30.
Source anchors: B4 Governance Intelligence; RP; GI-WP.

Table row 2
ID / specification: AOS-21 - Corpus, organisation knowledge and precedent
Responsibility and principal contents: Organisation profile; authoritative sources; governance artefact knowledge base; external, operational and constitutional corpus tiers; provenance and effective dates; supersession; human curation; precedent approval, correction and withdrawal. Keep assessment criteria distinct from organisational constitutional authority.
Main dependencies: 02/03; external updates via 14; approval/change in 01/30; drift review in 25.
Source anchors: GIL layers 1-2 and KB amendment; GI-WP Corpus; RP v6 precedent integrity.

Table row 3
ID / specification: AOS-22 - Synthesis, interpretation and option preparation
Responsibility and principal contents: Cross-domain pattern and conflict detection; evidence-grounded options; assumptions and alternatives; routine versus constitutional classification; propositions for human confirmation; uncertainty and unresolved tensions. Preserve rejected or infeasible options with reasons.
Main dependencies: Authorised UDL evidence; 21 corpus; 01 authority; human review in 30; rendering in 24.
Source anchors: B2 lenses/trade-offs; B4 Synthesis and Governance Interface; RP Live Organisation; GI-WP Interpretive.

Table row 4
ID / specification: AOS-23 - Governance artefact assessment and monitoring
Responsibility and principal contents: Ingestion and normalisation; artefact-specific analytical standards; calibrated assessments; confidence and human review; currency monitoring and change alerts; governance reporting cycles. Use GIL v2 as the starting specification, rechecked against RP v6.

Main dependencies: 21 organisation/KB; 04 monitoring agents; 14 external retrieval; 02 events; 30 review.
Source anchors: GIL layers 3-4 and processes; GI-FT Task 1.

Table row 5
ID / specification: AOS-24 - Petra, presentation and explanation
Responsibility and principal contents: Conversational preparation and interrogation; source-backed explanations; consistent reports/API representations; audience-appropriate disclosure; confirmation interactions; canonical reviewed positions. Distinguish provisional analysis from approved records. Presentation must not silently reinterpret a conclusion or acquire decision authority.
Main dependencies: 21-23/25 content; 03 disclosure; 30 reviewed decisions; 14 external delivery.
Source anchors: B3 Petra; B4 Governance Interface and explanation layer; GI-WP Presentation; P-N under FP/RP constraints.

Table row 6
ID / specification: AOS-25 - Governance oversight, drift and learning
Responsibility and principal contents: Purpose and precedent drift; Mode 1/2 boundary review; override patterns; cumulative distribution of trade-offs; model-framework divergence; blind spots and emergent behaviour; evidence for independent review; tracking required responses. Provide ordinary agent performance monitoring and independent review evidence. Exploratory oversight of self-calibration is deferred by AOS-00-DEC-018.
Main dependencies: 02 histories; 01 approved boundaries; 21 precedent; 04 agent records; 30 human adjudication; 40 assurance criteria.
Source anchors: RP v6; GT; GI-WP dual-authored review; GI-FT reciprocal cross-reference requirement.

GIL v2 reuse: organisation knowledge and KB map principally to AOS-21; assessment and artefact monitoring to AOS-23. Its agent rules, UDL links, authority registers and reporting interfaces must be reconciled with the shared specifications. Its existing stack, schema and timing choices are evidence to assess, not automatic cross-AOS defaults. GIL v2 is a substantial starting point, but does not by itself specify all of Governance Intelligence.

6. Human governance and verification

Table row 1
ID / specification: AOS-30 - Governance Hub and accountable decision workflows
Responsibility and principal contents: Software support for authorised roles and committees; preparation; escalation receipt, named repair-case ownership and accountable team cover; board-only telos approval; executive/Committee/board delegation-amendment record; pause/resume; approved structured debrief; separate minute-taker and Company Secretary roles, Chair draft approval and board minutes/decision approval under DEC-087; decisions, overrides, rejected options and conditions; review scheduling; outcome feedback; resident challenge and response. Identify the human owner at every handoff.
Main dependencies: 01 authority; 02 records; 03 access; 11 resident contact; 13 routing; 20-25 governance material.
Source anchors: B3 Decision and Dynamic Process; B4 Governance Hub; RP human layers, boardroom exclusion and decision feedback; GIL reporting cycle; REQ-043-048.

Table row 2
ID / specification: AOS-40 - Acceptance, integration assurance and commissioning
Responsibility and principal contents: Requirement-to-test traceability; component and end-to-end acceptance; bounded overdue-repair proof-of-concept tests (AOS-00-VER-019), board-only telos, schedule amendment/suspension and organisation-specific consequential-action tests (VER-020-022); adversarial control tests; cross-domain scenarios; degraded operation; migration and rollback evidence; readiness gates; operational handover. Separate automated checks, expert review and longitudinal human assessment.
Main dependencies: All specifications; GT; organisational commissioning prerequisites.
Source anchors: GT; FP imperfection; B4 Commissioning, Translation Problem and architect's brief; GI-WP validation regime; DEC-021-026.

Boardroom rule: RP v6 excludes AI presence, observation and real-time capture of deliberations. AOS-30 v0.3 specifies human-authored or human-approved records supplied afterwards, their permissible content and access. Recording a decision must not become an indirect route to continuous meeting capture. Petra's style reference does not confer human feelings, conscience or sovereign authority on the software.

Included capability annexes (AOS-00-DEC-017; release priority open):

Table row 1
Annex: CAP-01 - Trade-Off Divergence Tool
Proposed home and scope: Phase 2 - deferred use case built on AOS; outside current architecture. See parked scope (deferred under DEC-097).
Outstanding decision: No current work or core-completion prerequisite; future scope/configuration/acceptance only on explicit resumption.

Table row 2
Annex: CAP-02 - Risk Register Assessment
Proposed home and scope: Phase 2 - deferred use case built on AOS; outside current architecture. See parked scope (deferred under DEC-097).
Outstanding decision: No current work or core-completion prerequisite; future scope/configuration/acceptance only on explicit resumption.

These configurations reuse the architecture rather than adding intelligences. Inclusion in the suite does not place either in the first implementation release.

6.1 External research inherited by every component

DEC-086 assigns each of the nineteen specification responsibilities a component-owned external-research capability. Each component owns its specialist remit and interpretation of implications for its function/current specification. AOS-04 v0.7 §§3.1/6.6 supplies the common research-agent contract; AOS-02 v0.7 §6.6 the single proposed supporting record view; AOS-01 v0.7 the powers/change boundary. Boundary Intelligence governs permitted external access/source verification and may share collection/distribution. It also owns research into its own boundary function. AOS-13 coordinates cross-component handoff; empowered humans under AOS-30/01 approve resulting changes. GI internal organisational sensing and ordinary component performance monitoring remain separate.

Every component must specify a controlled profile covering exact baseline/remit/questions/jurisdiction, relevant sources, cadence/triggers, assigned agent/service, permitted tools/use, coverage/currentness/uncertainty and evaluation criteria, accountable reviewer/tracking owner, recipients/deadlines/cover/escalation, and controlled findings/disposition/change links. Research observes, analyses, challenges and proposes; no autonomous specification amendment, new authority or DEC-018 self-calibration follows. Shared infrastructure may serve several profiles, preserving distinct duties. No new intelligence or separate standalone agentic-AI specification is added.

The following are allocated research subjects, not approved exhaustive source lists, legal conclusions, numeric operating profiles or new role appointments. AOS-00/40 concern architecture/assurance stewardship; AOS-30 concerns software support for human workflows, not replacing human institutions.

Table row 1
Component: AOS-00 - System architecture and specification conventions
External research remit: Architecture/specification methods, relevant standards and evidence of cross-component design inadequacy
Accountable review function: Architecture custodian; appointment/profile values open

Table row 2
Component: AOS-01 - Authority, constitutional controls and change
External research remit: Delegation, governance/constitutional change practices and authority-control incidents
Accountable review function: Authority/governance owner; appointment/profile values open

Table row 3
Component: AOS-02 - Unified Data Layer and shared records
External research remit: Data standards including HACT, interoperability, provenance/assurance, versioning and lifecycle
Accountable review function: Data/semantic-contract owner; appointment/profile values open

Table row 4
Component: AOS-03 - Identity, access, consent and data use
External research remit: Identity/permissions, privacy, consent, lawful-use and relevant security developments
Accountable review function: Identity/information-governance owner; appointment/profile values open

Table row 5
Component: AOS-04 - Common agent architecture and lifecycle
External research remit: Agent architectures, orchestration, delegation, models/tools/memory, evaluation and control incidents
Accountable review function: Agent lifecycle owner; appointment/profile values open

Table row 6
Component: AOS-05 - Platform operation, security and resilience
External research remit: Cybersecurity, hosting/supplier changes, resilience, recovery and containment
Accountable review function: Platform/security owner; appointment/profile values open

Table row 7
Component: AOS-10 - Asset Intelligence
External research remit: Building safety, asset regulation, inspection, maintenance, sensors and asset-management research
Accountable review function: Asset owner; appointment/profile values open

Table row 8
Component: AOS-11 - Resident Intelligence
External research remit: Resident rights/service standards, accessibility, participation and assistance research
Accountable review function: Resident-service owner; appointment/profile values open

Table row 9
Component: AOS-12 - People Intelligence
External research remit: Workforce/employment developments, capability, accessibility and ethical people analytics
Accountable review function: People/HR owner; appointment/profile values open

Table row 10
Component: AOS-13 - Process Intelligence
External research remit: Workflow/process methods, orchestration, service requirements and coordination failures
Accountable review function: Process/operations owner; appointment/profile values open

Table row 11
Component: AOS-14 - Boundary Intelligence
External research remit: External exchange, partner protocols/standards, agent identity, commitments and containment incidents
Accountable review function: Boundary owner; appointment/profile values open

Table row 12
Component: AOS-20 - GI architecture and charter
External research remit: Governance expectations, GI architectures, ethics and charter/human-interface implications
Accountable review function: GI charter owner; appointment/profile values open

Table row 13
Component: AOS-21 - Corpus, organisation knowledge and precedent
External research remit: Source authority/knowledge curation, precedent integrity and corpus methods
Accountable review function: Governance Knowledge Steward within delegated powers; appointment/profile values open

Table row 14
Component: AOS-22 - Synthesis, interpretation and option preparation
External research remit: Reasoning/evidence synthesis, option preparation, uncertainty and trade-off methods
Accountable review function: GI analysis owner; appointment/profile values open

Table row 15
Component: AOS-23 - Governance artefact assessment and monitoring

External research remit: Governance reporting/assessment standards, artefact methods and relevant regulatory expectations
Accountable review function: GI assessment owner; appointment/profile values open

Table row 16
Component: AOS-24 - Petra, presentation and explanation
External research remit: Accessible interaction, evidence rendering, disclosure and human interpretation research
Accountable review function: GI interface owner; appointment/profile values open

Table row 17
Component: AOS-25 - Governance oversight, drift and learning
External research remit: Oversight, drift detection, evaluation, blind spots and emergent governance risks
Accountable review function: GI oversight owner; appointment/profile values open

Table row 18
Component: AOS-30 - Governance Hub and accountable decision workflows
External research remit: Human accountability, institutional review, delegation and decision/handoff practices
Accountable review function: Human governance/workflow owner; appointment/profile values open

Table row 19
Component: AOS-40 - Acceptance, integration assurance and commissioning
External research remit: Assurance/test/evaluation standards, cross-component failures and acceptance methods
Accountable review function: Assurance owner; appointment/profile values open

Acceptance allocation: AOS-00 VER-023-025; AOS-04 VER-051-057; AOS-01 VER-041-044; AOS-02 VER-045-049. Future component specifications add remit-specific CAP/FUN/REQ/CON/VER links and contrasting cases against the common contract. Legal/regulatory findings preserve proposal/enactment/adoption/effective/jurisdiction distinctions and competent human review where needed. Coverage distinguishes bounded no-finding, partial, failed and unperformed research. Shared source/duplicate handling preserves all component impacts and follow-up. Urgent operational implications use separately permitted routes without waiting for specification amendment.

Current incorporation: AOS-01/02/04 v0.7 and template v0.4 updated; AOS-03/05/14/20 and shared/register/source matrix research adoption remains next. The existing Boundary pilot and GI-specific research are reusable precedents, not evidence that all component agents are running. Each future specification must incorporate this section’s remit/profile and common-contract reference before it is represented as complete.

7. How the components connect

The principal information path is:

Permitted sources → Boundary/data-use controls → UDL → domain analysis → UDL → GI synthesis and interpretation → accountable human review → structured decision/outcome in the UDL.

Internal sources also enter under UDL and data-use controls. Routine execution takes the additional path authorised trigger → authority check → Process Intelligence workflow → permitted action → outcome record. A human decision does not bypass constitutional constraints merely because it is human; the action must still lie within that person's authority.

All cross-domain exchanges use the UDL's governed contracts. An interface arrow in a design is not permission for an unrecorded side channel. External integrations inherit Boundary Intelligence controls. Any permitted exception to an operational route must be specified and approved within the non-waivable core; board approval alone cannot waive a foundational constraint.

The following contracts need joint definition early:

Table row 1

Shared contract: Evidence/event, provenance, confidence and permitted use
Authoritative specification: AOS-02, with policy from 03; appoint a single semantic owner under REQ-030
Required participants: Every producer and consumer.

Table row 2
Shared contract: Action request, applicable authority and allow/deny/unresolved result
Authoritative specification: AOS-01
Required participants: 04, 05, 13, 14, 20 and 30.

Table row 3
Shared contract: Escalation, acknowledgment, assigned owner, deadline and closure
Authoritative specification: AOS-13, using the common schema in 02
Required participants: 01, detecting domain, 20/30 and oversight in 25.

Table row 4
Shared contract: Canonical analysis, review status and presentation
Authoritative specification: AOS-20/24, with schema in 02
Required participants: 21-23, 25 and 30.

Table row 5
Shared contract: Human decision/debrief, rejected options and subsequent outcome
Authoritative specification: AOS-30, with schema in 02
Required participants: 21, 22 and 25.

Table row 6
Shared contract: Constitutional/operational amendment and activation evidence
Authoritative specification: AOS-01; distinguish board-only telos approval from executive/Committee/board schedule amendment and schedule-governed immediate suspension/reinstatement
Required participants: 04, 05, 20, 21 and 30.

Table row 7
Shared contract: External exchange, admissibility and disclosure
Authoritative specification: AOS-14, with common schema from 02 and policy from 01/03
Required participants: External source/recipient, receiving domain, 04/05 and 30 where human approval is required.

Table row 8
Shared contract: Exploratory agent self-calibration and reciprocal GI oversight (deferred)
Authoritative specification: AOS-04 for any future calibration definition; AOS-25 for oversight
Required participants: Excluded from the current required build by DEC-018. If later adopted, reciprocal references and shared records in 02 are required.

Before build, each contract needs fields, ownership, versioning, permissions, failure behaviour and acceptance examples. Delivery semantics must address delayed, duplicate, missing and out-of-order events, as well as revocation or policy changes while work is pending. These are proposed engineering completeness requirements; they are not claims that the books already supply the details.

8. Decisions and dependencies to resolve

Table row 1
ID: D01
Decision or dependency: Part resolved: complete reusable housing-sector core with illustrative worked example, separate organisation instances, existing-system integration and England initial jurisdiction (DEC-001/014-016). DEC-021 selects one overdue-repair proof of concept. Actual deployment, users and production release remain open.
Affected specifications: 00, 10, 11, 13, 30, 40 and all delivery scope.
Who must supply or confirm it: Project owner; commissioning organisation for deployment.

Table row 2

ID: D02

Decision or dependency: Resolved for supplied baseline (AOS-00 §2.2; distinct from contract-ownership DEC-002): FP v4 and RP v6 govern; books explain intent; notes/specifications are reconciled proposals. Later revisions and substantive conflicts need recorded decisions.

Affected specifications: 00; all requirements.

Who must supply or confirm it: Project owner and appropriate organisational authority.

Table row 3

ID: D03

Decision or dependency: Approved authority framework, Mode 1 parameters, purpose register, GI charter, reserved decisions and amendment routes. DEC-004/006/007/021/024-025 establish non-waivable core constraints, an AI-native Schedule of Delegated Authorities, organisation-approved consequential-action classification, board-only non-delegable telos approval, executive proposal/Committee review/board sign-off for schedule amendments and immediate suspension/reinstatement under that operational schedule. Actual instruments, authorised suspender and reinstatement process remain open.

Affected specifications: 01, 04, 05, 20, 21, 30, 40.

Who must supply or confirm it: Board and designated organisational authorities; not the builder.

Table row 4

ID: D04

Decision or dependency: Permissible post-meeting records and debrief process: DEC-008 requires authorised human approval before a record becomes authoritative; RP boardroom exclusion remains. DEC-087-089 settle the general drafting/stewardship, Chair versus board approval, permitted human-described feedback and scoped dispute/correction directions. Exact organisation procedure/schema/privacy policy remains open.

Affected specifications: 02, 21, 24, 25, 30.

Who must supply or confirm it: Board and governance lead.

Table row 5

ID: D05

Decision or dependency: Separation of resident assistant, enterprise analysis and exceptional inference; co-design, welfare/consent hierarchy and notifications.

Affected specifications: 03, 10, 11, 13, 30.

Who must supply or confirm it: Residents, board, welfare and data-protection leads.

Table row 6

ID: D06

Decision or dependency: Employee Listening Charter, permissible uses and workable privacy thresholds.

Affected specifications: 03, 12.

Who must supply or confirm it: Workforce representatives, people lead and governance authority.

Table row 7

ID: D07

Decision or dependency: DEC-009-012 establish corpus custodian as an accountable role and independent annual/triggered review with Committee disposition. Detailed classification, review procedure, trigger criteria and closure evidence remain open.

Affected specifications: 20-25, 30.

Who must supply or confirm it: Governance lead and designated committee.

Table row 8

ID: D08

Decision or dependency: Responsibility resolved (DEC-005); mechanism open. GI interprets, Boundary governs external exchange, shared controls enforce, humans decide Mode 2. DEC-003 withholds dependent action when authority is unresolved and routes to accountable human via separately authorised fallback. Board-only telos approval, schedule amendment and temporary suspension require enforced activation/version controls (DEC-024-025). Threat model and mechanisms remain open.

Affected specifications: 01, 03-05, 14, 20, 30, 40.

Who must supply or confirm it: Project owner; governance/security reviewers for operational approval.

Table row 9

ID: D09
Decision or dependency: Define deterministic execution versus probabilistic analysis, confidence and replay. Exploratory agent self-calibration is deferred (DEC-018); ordinary evaluation, uncertainty reporting and monitoring remain in scope.
Affected specifications: 02, 04, 22, 23, 25, 40.
Who must supply or confirm it: Architecture and assurance leads.

Table row 10
ID: D10
Decision or dependency: DEC-013-015/019 require model-provider replaceability, separate instances, existing-system integration and technology-neutral AOS-00. Hosting, providers, recovery targets, connectors, budget and capacity remain open.
Affected specifications: 00, 03-05, 14, 40.
Who must supply or confirm it: Commissioning organisation.

Table row 11
ID: D11
Decision or dependency: DEC-016 fixes England as initial jurisdiction; legal/regulatory mappings, benchmarks, source availability, supplier claims and data-location assessments (DEC-020) remain open.
Affected specifications: 10-14, 21, 23, 40.
Who must supply or confirm it: Relevant professional owners.

Table row 12
ID: D12
Decision or dependency: Routing deadlines, unacknowledged escalation, named cover and capacity remain open under DEC-003/006/011. DEC-022-023/026 fix the overdue trigger as the resident-communicated date, human escalation and both named owner/team contact details; the actual route, delivery channel, timing and team cover remain open.
Affected specifications: 01, 02, 10, 11, 13, 20, 30, 40.
Who must supply or confirm it: Operational, welfare and governance owners.

Table row 13
ID: D13
Decision or dependency: Resolved scope, DEC-097: CAP-01/02 parked in Phase 2 as use cases outside the architecture; DEC-017 inclusion superseded. Future use-case detail is deferred, with no current action.
Affected specifications: Phase 2 only.
Who must supply or confirm it: Mark;9October2026.

These dependencies need not stop specification drafting. Drafts can define the required inputs, alternatives and validation criteria while clearly marking unresolved values. They must not be labelled ready to build where the missing decision materially changes implementation or authority. Creating specifications also does not constitute approval to deploy them.

9. Proposed drafting order

1. Set the common baseline. Draft AOS-00, a source/decision register and the standard specification template. Use the adopted component boundaries and selected overdue-repair proof of concept; select production-release scope separately.
2. Define shared contracts and controls together. Draft AOS-01-05 alongside the AOS-20 charter and AOS-30 human handoffs. Resolve the contracts that every domain must inherit. Begin AOS-40's acceptance catalogue now.
3. Use the overdue repair as the first bounded end-to-end test of the structure. Specify Asset, Resident and Process contributions with AOS-01-05/30/40. Reconcile AOS-21/23 with RP v6 and then specify 22/24/25; use a document assessment as a separate GI test. This drafting priority does not make GI independent of the sensing domains.
4. Complete the five domains against those contracts. Extend the bounded Asset/Resident/Process work and develop Boundary and People responsibilities and co-design dependencies. Do not leave safety, consent or external exchange until integration.
5. Reconcile and exercise the whole suite. Run cross-component scenarios; resolve duplicated ownership and incompatible schemas; finalise build order, release gates, recovery and handover. Specify the two included annexes, with separate release decisions.

Drafting order is not commissioning order. Constitutional controls and authorised data use must exist before the capabilities they

govern become live. Rich cross-domain GI synthesis depends on reliable domain evidence; foundational GI rules and corpus preparation must precede it. Every staged release needs an explicit account of unavailable evidence and functions.

Standing drafting rule: apply template v0.4 §4.4 and DEC-086 external-research inheritance to every new or revised component specification. Include the component remit, common contract/record references and planned acceptance; profile setup gaps remain owned.

10. Required contents of each component specification

Use a common template covering:

1. Purpose, scope, exclusions and accountable human owner.
2. Source references, adopted requirements, proposals and unresolved decisions.
3. Users, use cases and responsibilities within the AOS.
4. Inputs, outputs, data structures and shared interface references.
5. Behaviour, workflows, states, authority and Mode 1/Mode 2 boundaries.
6. Privacy, consent, permitted inference and disclosure.
7. Evidence, explanations, uncertainty, audit and feedback.
8. Failures, escalation, human fallback and recovery.
9. Security, operational limits, performance and accessibility requirements appropriate to the component.
10. Acceptance criteria, test scenarios, dependencies, implementation sequence and change control.

Each substantive requirement should link source or explicit design decision → requirement → implementing component/interface → acceptance evidence. Engineering additions must be labelled as such. Numerical thresholds and permissions must have an owner and an approval basis, not merely a plausible default.

11. Component external-research profile, assigned agent/shared service, governed retrieval, evidence and coverage, accountable review/cross-component handoff, controlled change and remit-specific acceptance cases (template v0.4 §4.4).

11. Initial end-to-end acceptance scenarios

Table row 1
Scenario: Overdue repair - selected proof of concept
What the suite must demonstrate: Use the repair completion date communicated to the resident; when the repair remains incomplete after that date, escalate to an accountable human and provide both named-owner and accountable repairs-team contact details. Retain trigger, receipt, contact and outcome evidence. AOS-00-VER-019 allocates the planned check; dates, channels, response windows, cover and fixtures require component definition.

Table row 2
Scenario: Cold-home condition with incomplete consent and potential welfare consequences
What the suite must demonstrate: Separate observation from inference; apply the authorised welfare/consent determination; route to a named human within the defined window; record action and outcome.

Table row 3
Scenario: A contractor marks a repair complete but evidence conflicts
What the suite must demonstrate: Preserve contradictory evidence; challenge provenance; avoid treating a status field as proof; route and track investigation.

Table row 4
Scenario: Sensor or model failure during an active safety workflow
What the suite must demonstrate: Make reduced coverage visible; maintain accountable fallback; recover without losing or duplicating consequential action.

Table row 5
Scenario: Asset and resident considerations conflict
What the suite must demonstrate: Retain both evidence sets and relevant alternatives; do not silently choose a moral priority; record authorised human resolution.

Table row 6
Scenario: Administrator attempts to suppress a mandatory escalation or change an invariant
What the suite must demonstrate: Exercise the stated threat model; test separation of authority and actual enforcement, not only the presence of an audit entry.

Table row 7
Scenario: A resident withdraws consent while processing is pending
What the suite must demonstrate: Apply specified revocation behaviour across queued work, derived outputs and retention; preserve only evidence the approved rules permit.

Table row 8
Scenario: Repeated individually defensible decisions change the practical meaning of purpose
What the suite must demonstrate: Support independent comparison with founding commitments and a defined human response, not GI self-certification.

Table row 9
Scenario: A new component passes its own checks but produces harmful cross-domain effects
What the suite must demonstrate: Detect and review aggregate behaviour; exercise the pause, investigation and controlled-change path.

A suite is ready for handover when its components fit together, material decisions are resolved or explicitly excluded from the authorised build, and these scenarios have unambiguous specified outcomes. Passing software tests can establish those mechanics. It cannot establish that a board has demonstrated ethical judgement under real pressure; that remains a separate human and operational assessment.

12. Reconciliation and discrepancy record (28 September 2026)

AOS-00 v0.19 is the controlling architecture and decision register; this map allocates its requirements and verification work. The 19-document boundaries, supplied source hierarchy, non-waivable constraints, GI/Boundary/shared-control division, human post-meeting approval, independent GI review, separate organisational instances, existing-system integration, England jurisdiction, technology-neutral AOS-00 and inclusion of CAP-01/02 remain the project-owner directions DEC-001-020. The 28 September directions DEC-021-026 select the overdue-repair proof of concept, organisation-specific consequential-action classification, board-only telos amendment and the schedule amendment/suspension route. AOS-00 REQ-001-049 and planned VER-001-022 are proposed architecture wording and checks, not approvals of implementation detail.

Table row 1
Discrepancy found between map v0.2 and AOS-00 v0.6: Map said first implementation scope was unselected; AOS-00 selected one overdue-repair demonstration.
Disposition in this map v0.3: D01 and §§1/9/11 now distinguish the selected proof of concept from unselected production release (DEC-021-023/026; REQ-041-044; VER-019).
Still open: Authoritative date/completion evidence, timing, human receipt, resident contact delivery and cover in AOS-02/10/11/13/30/40.

Table row 2
Discrepancy found between map v0.2 and AOS-00 v0.6: Map did not state the resident-communicated date, named owner plus team, or the organisation-specific consequential-action boundary.
Disposition in this map v0.3: Domain allocations, D03/D12, shared contracts and acceptance scenario now refer to DEC-021-023/026 and REQ-042-044/049.
Still open: Each organisation's approved classification and operational route, with no invented common threshold.

Table row 3

Discrepancy found between map v0.2 and AOS-00 v0.6: Map described constitutional/operational changes together and left approvers unspecified; AOS-00 distinguishes board-only telos approval, executive/Committee/board schedule amendment and operational-schedule-defined suspension/reinstatement.
Disposition in this map v0.3: AOS-01/04/30, D03/D08 and the amendment contract now carry DEC-024-025; VER-020-022 planned.
Still open: Actual organisational instruments, authorised suspender, reinstatement procedure and activation evidence.

Table row 4
Discrepancy found between map v0.2 and AOS-00 v0.6: Map's §7 omitted the external-exchange contract listed in AOS-00 §5.2 and did not expressly require one semantic owner per shared contract.
Disposition in this map v0.3: Added AOS-14 external-exchange row and semantic owner obligation under REQ-021/030.
Still open: Contract fields, versions, appointed owners and permissions remain for AOS-01/02/14.

Table row 5
Discrepancy found between map v0.2 and AOS-00 v0.6: Map's wording allowed unspecified “board-approved exceptions,” which could imply waiver of the non-waivable core.
Disposition in this map v0.3: §7 now confines operational exceptions to approved routes within core constraints (DEC-004, REQ-031).
Still open: Exact configuration validity and enforcement tests under AOS-01/05/40.

No remaining *substantive contradiction* between these documents was found in this author comparison. The listed open items are missing detail assigned to component specifications, not silently resolved decisions. The later idea of a sector-independent core with social housing as an extension remains a new proposal in Inbox. The adopted direction remains a reusable housing-sector core until an explicit decision revises D01 and affected boundaries. Independent review and build-readiness gates remain outstanding.

4 October contract-ownership disposition

AOS-00-DEC-002 is approved for the ownership direction: AOS-02 owns common record structures; each shared contract has one accountable semantic owner for meaning and obligations; producers and consumers use the same controlled definition. Role appointments, exact schemas and change procedure remain open. Shared Contracts v0.1 records the first joint drafting tranche; component adoption and complete source allocation remain unfinished. AOS-00 v0.7 also records previously confirmed FAR-R-002 as DEC-027; this is not a new 4 October design approval. The earlier D02/DEC-002 source-hierarchy alias was incorrect: D02 retains its own resolved status under AOS-00 §2.2.

Q01-03 approval disposition, 4 October: Mark approved the recommendations and qualifications recorded in AOS-00-DEC-028-030. AOS-01/03 own applicable authority/data-use determinations, AOS-04/05 the enforceable action boundary and recovery behaviour, and AOS-02 the common record/provenance structures. Material evidence correction requires dependency-based reassessment of affected pending work and accountable review of significant completed consequences. Action profiles must establish permitted reconciliation/continuation without duplication or compounding, with authorised human handoff otherwise. D08/D09 mechanisms, checkpoint/freshness/race limits and D12 handoff roles/deadlines/cover remain open. No component, REQ/VER, readiness or implementation approval follows.

5 October operational-profile disposition: DEC-031-035 approve preservation and review of disputed completion evidence; bounded demonstration automation; named human acknowledgement of responsibility; authorised fallback with unresolved state retained; and organisation-approved settings with minimal synthetic demonstration data.
AOS-Operational-Profiles-v0.1-review-draft.md develops these directions for shared controls and AOS-11/13/14/30. Source/time semantics, powers/appointments, numerical settings, exact schemas and component REQ/VER adoption remain open. These project directions create no live organisational authority.

5 October date/evidence/channel disposition: DEC-036-040 settle promised-boundary comparison, accountable promise amendment, repair-specific completion evidence, verification escalation for unknown completion and partial-completion handling. DEC-041 requires resident-agreed channel(s). AOS-02 owns evidence/time/agreement structures, AOS-03 permitted use, AOS-11 resident communication, AOS-13 workflow and AOS-30 accountable human decisions, with AOS-14 external dispatch. Exact profile schema/mechanisms, mappings, deadlines and conformance evidence remain open.

Component drafting progress, 5 October: AOS-01 v0.1 review draft (aos-01-authority-constitutional-controls-and-change.md) now develops the general authority/change model with 38 proposed component requirements and 18 planned cases. Mark confirmed principle/architecture-first drafting followed by process tests; the overdue-repair demonstration does not supply universal authority rules. No boundary or approved direction changes; exact common schema/source allocation and AOS-02/03 co-drafting remain open.

AOS-01 direction disposition, 5 October: Mark approved the three remaining general authority choices under DEC-042-044. AOS-01 v0.2 now separates settled design direction from detailed schema/control and organisation commissioning dependencies. Subdelegation cannot confer unapproved recipient powers; permanent withdrawal of a grant is distinct from schedule amendment; applicable prohibitions block execution and unresolved instrument conflict requires human resolution. AOS-02/03 co-drafting is next.

AOS-02 drafting progress, 5 October: AOS-02 v0.1 (aos-02-unified-data-layer-and-shared-records.md) develops common records, source/entity identity, evidence/provenance/time/correction and governed projection/exchange with 36 proposed requirements and 20 planned cases. HACT reference/concept assessment is included; exact release/mapping/access terms and adoption scope remain open. AOS-03 interfaces are dependencies, not assumed completed. No architecture boundary, approved DEC direction or readiness change.

AOS-02 direction disposition, 5 October: Mark approved all four submitted general-data choices and emphasised provenance of the source of assurance for a fact as Radical Transparency. AOS-02 records origin, supporting evidence/validation, accountable assurance role and limitations distinctly; a designated source is not automatically truth. HACT is the approved preferred reference for compatible housing definitions, with exact release/element mappings and justified departures still requiring evidence. AOS-03 is next.

AOS-03 initial allocation, 5 October: AOS-03 v0.1 (aos-03-identity-access-consent-and-data-use.md) develops identity/capacity, independent REC-D use controls, consent/invalidation, sensing/purpose barriers, disclosure/assurance transparency and governed lifecycle/location obligations. Forty-two proposed REQs, seven CONs and 25 planned cases; exact shared schemas/IF allocation and producer/consumer adoption remain open. Q01-Q05 recommendations await Mark; no DEC or REQ/VER status promotion. AOS-00 remains v0.12.

AOS-03 direction disposition, 5 October: Mark agreed all five recommendations under DEC-049-053. AOS-03 v0.2 distinguishes settled general directions from detailed identity/private-space/welfare/choice/disclosure profiles. No further general question currently submitted; next AOS-04. Exact schemas/consumer adoption, legal/organisational findings and readiness remain open.

AOS-04 initial allocation, 5 October: AOS-04 v0.1 (aos-04-common-agent-architecture-and-lifecycle.md) develops common identity/task/execution/lifecycle behaviour, inherited independent authority/use controls, explicit delegation, memory, uncertainty, suspension/recovery, retirement and provider/configuration evaluation. Forty-two proposed REQs, eight CONs and 26 planned VERs; REC-X execution semantics retain AOS-04 ownership with AOS-02 structure and AOS-05 runtime evidence. Q01-Q04 recommend bounded dynamic/parallel agents, explicitly approved persistent memory, cumulative-effect limits and proportionate change assurance; approval not inferred. Full source/shared-schema/consumer allocation, profiles/appointments and executed independent evidence remain open. Next: resolve four choices, then AOS-05. AOS-00 v0.13 remains the controlling architecture; no DEC or parent REQ/VER status changed.

AOS-04 direction disposition, 5 October: Mark agreed all four recommendations under DEC-054-057. AOS-04 v0.2 incorporates bounded dynamic/parallel agents, explicitly approved persistent memory beyond the task-scoped default, cumulative-effect limits and proportionate change assurance. Adds REQ-043-046/VER-027-030 and broadens REQ-033; totals 46 proposed REQs/30 planned VERs. No further general AOS-04 question awaits Mark. Detailed profiles, schemas, consumer adoption and independent readiness evidence remain open. Next: AOS-05.

AOS-05 initial allocation, 5 October: AOS-05 v0.1 (aos-05-platform-operation-security-and-resilience.md) develops independent runtime controls, organisation/purpose/environment isolation, secrets/privileged access, protected reporting, selective continuity, incident containment, governed restore/reconciliation, deployment/rollback, provider failover and actual supplier/location

assessment. Forty-six proposed REQs, eight CONs and 34 planned VERs; AOS-04 retains REC-X semantic ownership and AOS-02 shared structure. Four Q01-Q04 recommendations await Mark: privileged-power separation, selective continuity, preauthorised technical containment and approved-set failover. Author structural/identifier/table/reference checks passed; no implementation result, independent review or readiness claim. Technology/profile values, actual flow/legal/supplier evidence, schemas and reciprocal adoption remain open. AOS-00 v0.14 remains controlling; no parent REQ/VER/DEC status changed. Next: resolve four choices, then continue item 6 shared-contract/consumer adoption.

AOS-05 direction disposition, 5 October: Mark approved all four recommendations (“Agree all four”), DEC-058-061. AOS-05 v0.2 incorporates privileged-power separation, selective continuity, narrowly preauthorised human/deterministic technical containment and eligible approved-set automatic failover. Adds REQ-047-050/VER-035-038; totals 50 proposed REQs/38 planned VERs. No further general AOS-05 question awaits Mark. Exact stack/flow/location/schema/profile settings, powers/appointments, independent review and consumer/source allocation remain open. Next: continue item 6 shared-contract/schema and producer/consumer adoption.

Action-2 common exchange adoption - 6 October 2026

AOS-01-05 v0.4 refer to the same Kernel Exchange Register v0.1 (aos-kernel-exchange-register-v0-1.md), Core Record Contracts v0.2 and Shared Contracts v0.2. DEC-062-066 are approved directions; exact wording remains proposed. All 33 kernel CONs map to common definitions with semantic owner, producer/consumers, logical fields, version/acknowledgement and failure rules. Proposed new catalogue identifiers AOS-03-IF-001 and AOS-04-IF-001 identify existing REC-D/REC-X families without changing their owners. Non-kernel endpoints remain declared dependencies.

REC-Q supplies the complete assurance chain; evaluation and subsequent enforcement/effect are linked distinct records. Six connected cases are planned and reciprocally allocated. Current totals: 254 proposed kernel REQs and 167 planned kernel VERs. No case was executed and no requirement/readiness status promoted. Remaining actions: checkpoint/current-state and correction propagation (KR-02/03), cumulative enforcement (KR-06), protected reporting/recovery (KR-04/05), non-kernel adoption and scope-specific commissioning/independent evidence. Wider source allocation remains open.

Action-3 control coordination - 6 October 2026

The control-coordination annex v0.1 (aos-kernel-control-coordination-v0-1.md) records approved DEC-067-072: current combined effect-boundary check; compatible applied activation/restrictions; actual change application; cumulative account/reservations; acknowledged notification and resident update when withholding affects service; controlled resumption. AOS-01-05 v0.5 reciprocally adopt Core/Shared v0.3 and exchange register v0.2. AOS-04 defines effect/linkage semantics, AOS-05 enforces authoritative concurrent accounting, AOS-02 preserves evidence, AOS-01/03 retain powers/use restrictions. New local KX-24/25/26 define account/reservation/withheld duty without adding approved IF numbers.

Current totals: 294 proposed kernel REQs / 207 planned kernel VERs. KR-02/03/06 logically reconciled at kernel document level; actual distributed mechanisms/profile values/conformance and non-kernel endpoints remain open. KR-04/05 protected reporting/current recovered-state proof remain action 4; no build/readiness claim. Historical section counts/versions are preserved as dated origins.

Action-4 current reporting/recovery adoption - 6 October 2026

DEC-073-078 approved with standards references. Protected Reporting and Recovery v0.1 (aos-kernel-protected-reporting-and-recovery-v0-1.md) defines the protected route, advance minimal permission, acknowledged human handoff/failed fallback, authoritative current-state proof, isolated restore/reconciliation and scoped accepted release/compound cases. Current baseline: AOS-00/Map v0.18; AOS-01-05 v0.6; Core/Shared v0.4; Exchange Register v0.3; Control Coordination v0.2. Kernel totals 324 proposed REQs/237 planned VERs. KR-04/05 logically reconciled; commissioning, non-kernel adoption, licensed ISO clause mapping and independent/executed evidence remain open. Read existing

GI/human-handoff documents before next drafting.

Approved GI design directions - 6 October 2026

AOS-00/Map v0.19 records DEC-079-085: protected charter/separate operational profiles; human corpus-steward powers; confirmation/interpretation/approved-precedent distinction; proactive organisational review plus agentic research for adaptation of GI itself; protected escalation classes/alternative routing; graduated review states; independently governed challenge preparation/disclosure.

The research remit is a reusable GI capability, analogous to the Boundary research agent: assess external developments against current GI responsibilities, corpus/interpretation/assessment/presentation/oversight and human interfaces; identify evidence, affected elements, uncertainty, cross-component implications and proposed change; track human disposition. AOS-20 specifies authorising/obligating remit; AOS-25 specifies sensing of GI adequacy/drift and proposal tracking; AOS-14 governs external exchange; AOS-04 research-agent behaviour; AOS-01/03/05 enforce permissions; AOS-02 preserves evidence. Final detailed ownership/contracts are to be drafted reciprocally, not duplicated independently. Monitoring outputs cannot amend the specification or authorise themselves. DEC-018 deferred exploratory self-calibration remains unchanged.

Direction is approved; exact requirement/schema/profile wording remains proposed until drafted and reviewed. AOS-20 has not yet been drafted. No research automation created or scheduled; briefing, source access, cadence/coverage, recipients and actual delivery/assurance remain later setup work. Existing kernel totals remain 324 proposed REQs/237 planned VERs; component and common contract versions unchanged. Refer to GI Material Review v0.2 approval disposition and source matrix §9.

AOS-20 detailed draft - 6 October 2026

Governance Intelligence architecture and charter v0.1 (../Governance-Intelligence/aos-20-governance-intelligence-architecture-and-charter.md) develops the GI whole, protected charter, corpus/precedent powers, proactive organisational analysis, agentic GI-adaptation research, protected duty, graduated review and independent challenge under DEC-079-085. It assigns detailed responsibilities to 21-25 and human workflows to 30 without duplicating shared controls. 52 proposed REQs / 32 planned VERs / nine CON views; AOS-20-IF-001 preserved. Shared v0.5/Register v0.4/matrix v0.6 align current allocation; Core v0.4/kernel v0.6 unchanged. Kernel totals remain 324/237; kernel plus AOS-20 drafting subtotal is 376/269, not a full-suite count or completeness claim. Review/operational profiles/research setup/schema adoption/executed evidence remain open. Next AOS-30 after Mark review; no new research task created.

Current external-research disposition, 6 October: DEC-086 approved; map/architecture v0.21 and component/template amendments establish inheritance. Exact common research wire schema/catalogue/source-matrix adoption, remaining existing-component specialisations and actual source/role/cadence commissioning remain open. Planned cases are not executed; no research task created or activated.

Current common research reciprocal adoption - 6 October 2026

AOS-00/Map v0.22, DEC-001-086; AOS-01-05 v0.7; AOS-14 v0.3; AOS-20 v0.2; Shared v0.6/Core v0.5/Register v0.5; source matrix v0.7; template v0.4. Mark authorised necessary incorporation without further general design questions; DEC-086 direction and all existing approval/REQ/VER statuses are preserved. AOS-03/05 v0.7, AOS-14 v0.3 and AOS-20 v0.2 now allocate their remits/common views/controls/human review and planned cases; the Boundary research charter is aligned without changing its automation. Shared v0.6/Core v0.5/Register v0.5 §13/source matrix v0.7 §11 align exact logical owner/producer/consumer and source/REQ/VER references. Template v0.4 remains mandatory for all subsequent specifications.

Earlier dated pending-incorporation statements are superseded for these existing drafts and the common logical

catalogue/source adoption. Exact executable schemas/profile approvals/roles/sources/cadence/rubrics and actual commissioning remain dependencies, with no invented defaults. AOS-20's internal organisational sensing is distinct from external research; Boundary governs access and its own research rather than all components' substantive assessments. DEC-018 stays deferred. Item 5c documentary incorporation is complete; item 5b pilot evidence and item 6 detailed contract/non-kernel/assurance work remain open. Next AOS-30 human participation and handoffs, reading current sources and resolving any material questions before drafting. No agent activation, build/readiness or executed assurance approval is supplied.

AOS-30 initial drafting adoption - 6 October 2026

AOS-30-Governance-Hub-and-Accountable-Decision-Workflows.md (../Governance-Intelligence/aos-30-governance-hub-and-accountable-decision-workflows.md) v0.1 specifies software support for the human Governance Hub: preparation/referral, protected deliberation/post-meeting record, exact empowered approval, accepted responsibility/cover, resident challenge, controlled action/correction, outcome feedback, constitutional review and component-owned external research. 48 proposed component REQs, eight CON views preserving AOS-30-IF-001 and 31 planned VERs; none executed. AOS-00/Map v0.23, DEC-001-086 unchanged; AOS-30 v0.1; AOS-01-05 v0.7, AOS-14 v0.3 and AOS-20 v0.2; Shared v0.7/Core v0.5/Register v0.6; source matrix v0.8; template v0.4. Register §14/source matrix §12 align exact logical references and affected-consumer work.

Three recommended directions remain for Mark: Q01 account author/approver and collective-validity/certified extract evidence; Q02 human-described emotional register/revealed preferences under explicit use controls; Q03 disputed account/correction versus changed governing decision and scoped dependent reliance. Existing DEC-008/018/024/025/081 and other approved powers remain unchanged; no new DEC or direction approval inferred. KX-06 v0.2 is proposed logical detail, not an executable schema or silent downstream upgrade. Profile/role/capacity/quality/wire/compatibility and independently executed/institutional evidence remain open. Next review Q01-Q03 before dependent policy adoption; no research automation created or changed.

AOS-30 approved-direction disposition - 6 October 2026

Historical AOS-30 approval snapshot, 6 October 2026 - DEC-087 partly superseded by DEC-103: Mark agreed Q01 with an explicit role and approval qualification, and Q02/Q03 as recommended. DEC-087: The minute-taker drafts the account and is a clearly separate role from the Company Secretary as authorised steward. The Chair may approve the exact draft for submission; only the board approves the minutes and thereby the decision. Draft approval, stewardship, board approval, decision validity and actual application are separately evidenced. A Chair signature or certified extract cannot substitute for board approval; an extract references the exact board-approved minutes and decision before dependent authoritative reliance. DEC-088: Contextual emotional-register and revealed-preference descriptors must be explicitly human-provided or confirmed, purpose-bound and governed by access, retention and uncertainty controls. Missing or restricted material remains explicit. No AI inference from observation, individual profiling, sentiment scoring or compulsory person-by-person emotional account. Descriptors may inform proposals/review but cannot silently change governing instruments, precedent, moral weights or calibration. DEC-089: Preserve exact disputed records/history and use an empowered reviewer with an alternative route when implicated. Distinguish clerical account correction from a new governing decision. Withhold materially dependent automated reliance where authority/evidence is unresolved while retaining separately authorised service/reporting duties. No automatic blanket freeze or retrospective reversal of actual effects. Current baseline: AOS-00/Map v0.24, DEC-001-089; AOS-30 v0.2; AOS-01-05 v0.7, AOS-14 v0.3 and AOS-20 v0.2; Shared v0.8/Core v0.5/Register v0.7; source matrix v0.9; template v0.4. The earlier initial-draft/pending-choice entries are historical. General choices are resolved; exact requirement wording, organisation profiles/appointments, privacy/retention policy, KX-06 executable schema and affected-consumer compatibility, source-row allocation and actual assurance remain open under item 6. No whole-document approval, executed verification, independent review or build/activation/readiness approval is inferred.

AOS-30 functional completion and current sequence - 7 October 2026

AOS-00/Map v0.25, DEC-001-089; AOS-01-05 v0.8, AOS-14 v0.4, AOS-20 v0.3 and AOS-30 v0.3; Shared v0.9/Core

v0.6/Exchange Register v0.8; source matrix v0.9 and template v0.4 unchanged; Control Coordination v0.2/Protected Reporting and Recovery v0.1 unchanged.

Historical 7 October alignment record (universal minutes/decision link later superseded by DEC-103): Mark authorised three alignment amendments following the functional consistency review. AOS-30 drafting, agreed design incorporation and functional consistency work were complete at that stage. Under DEC-087 and AOS-30 v0.3 §§5/6.2/10.3, the minute-taker drafts and the Company Secretary is the separate authorised steward. The Chair may approve the exact draft for submission; only the board approves the exact minutes and thereby the decision. A Chair-approved draft, Chair signature or certified extract cannot substitute for board approval. An extract references the exact board-approved source. Non-board decisions retain their applicable empowered body/role approval route. Record approval does not grant new powers, remove data-use restrictions or establish actual application.

AOS-02 corrections explicitly include AOS-30 where preparation/account/outcome review depends on changed evidence. GI revises analysis; AOS-30 obtains human review. CR30-01-03 closed; existing source/REQ/VER identifiers and statuses remain. Next item 7, remaining GI specifications/source reconciliation. Earlier dated AOS-30-next/pending-adoption notes are historical; schemas, appointments/profiles and executed assurance are later implementation/commissioning.

GIL comparison scope decisions - approved 7 October 2026

Mark confirmed “Yes, both agreed” to comparison Q01/Q02. DEC-090: AOS-21 supports relevant subsidiaries/group entities as distinct scoped profiles linked to the parent within the approved organisational remit. Preserve entity-specific powers, governing corpus, applicability and evidence; identify excluded entities and their responsible human owner. No separate deployment or cross-organisation federation is required. DEC-091: AOS-23 may corroborate documentary claims using separately permitted records, outcomes and human-supplied interview or survey evidence. Report document quality, support for a claim and evidence of actual practice separately. Each use must be purposeful, sourced and permitted; protected boardroom deliberation and personal-inference restrictions remain. Governance-effectiveness judgement remains with human review and AOS-25/30/40 responsibilities; no automatic certification. The comparison v0.2 records approval. Next draft AOS-21, then AOS-23, applying the disposition register and DEC-086/template v0.4 own research remit. AOS-00/Map v0.26 now hold DEC-001-091. Existing component/contract baselines and proposed REQ/planned VER status remain unchanged; no build/readiness approval.

AOS-21 initial functional allocation - 7 October 2026

AOS-21 v0.1 (../Governance-Intelligence/aos-21-corpus-organisation-knowledge-and-precedent.md) AOS-21 v0.1 drafted at Mark’s request: scoped organisation/subsidiary profiles; external/operational/constitutional corpus; sourced artefact catalogue and criteria; delegated human stewardship; explicit approved precedent; currency, coverage, material correction and independent review; own DEC-086 research remit. 48 proposed REQs, eight CON views and 30 planned cases, none executed. DEC-090/091 applied; no new DEC or IF. Next AOS-23 using permitted corroboration with documentary quality, claim support and practice evidence separate. Functional drafting complete; wording/whole-document review and implementation/commissioning dependencies remain. AOS-00/Map v0.27, DEC-001-091; AOS-21 v0.1; AOS-01-05 v0.8, AOS-14 v0.4, AOS-20 v0.3, AOS-30 v0.3; Shared v0.10/Core v0.6/Exchange Register v0.9; source matrix v0.10; template v0.4; Control Coordination v0.2/Protected Reporting and Recovery v0.1. No build/activation/readiness approval.

Existing canonical evidence/assurance, authority/use/execution, human decision, policy change, impact, protected handoff and research meanings are referenced, not altered. AOS-21 §§6/19 supplies eight producer/consumer views and requirement/case mappings. AOS-20 CON-002/004/006 and AOS-30 CON-004/005 now have a drafted corpus consumer/steward endpoint; detailed AOS-22-25/13/40 counterpart allocation and actual compatibility remain open. Functional adoption does not approve physical schemas or operating profiles.

AOS-23 initial functional allocation - 7 October 2026

AOS-23 v0.1 (../Governance-Intelligence/aos-23-governance-artefact-assessment-and-monitoring.md) AOS-23 v0.1 drafted at Mark's request: permitted ingestion/normalisation; scoped criteria/application; document quality, claim support and practice evidence assessed separately under DEC-091; evidence/uncertainty and graduated human review; artefact/source currency monitoring, owned/protected alerts, reporting-cycle inputs, corrections/outcome feedback and own DEC-086 research remit. 52 proposed REQs, nine CON views and 32 planned cases, none executed. No new DEC/IF or numerical default. Next AOS-22 synthesis/interpretation/options, followed by AOS-24/25; wording review and operating dependencies remain. AOS-00/Map v0.28, DEC-001-091; AOS-23 v0.1; AOS-21 v0.2 (functional endpoint/reference alignment only); AOS-01-05 v0.8, AOS-14 v0.4, AOS-20 v0.3, AOS-30 v0.3; Shared v0.11/Core v0.6/Exchange Register v0.10; source matrix v0.11; template v0.4; Control Coordination v0.2/Protected Reporting and Recovery v0.1. No build/activation/readiness approval.

AOS-23 §6 adopts existing evidence/assurance, current control, canonical analysis, human decision/review, handoff, correction, lifecycle/recovery and common research meanings. AOS-21 §§6/16 now has its drafted assessment counterpart; 20 owns canonical content, 24 rendering, 22 broader synthesis, 25 aggregate oversight and 30 human approval/duty/outcome. AOS-23 alone does not complete item 7 or GI. Later 22/24/25/13/40 detailed allocation and actual compatibility/independent evidence remain open. No common schema meaning is changed.

AOS-22 initial functional allocation - 7 October 2026

AOS-22 v0.1 (../Governance-Intelligence/aos-22-synthesis-interpretation-and-option-preparation.md) AOS-22 v0.1 drafted at Mark's request: permitted cross-domain synthesis; evidence-grounded proposed interpretation; human constitutional/value referral; actual-state options including infeasible alternatives; CAP-01 rigour/shared-basis divergence without ranking or recommendation between readings; independently governed preparation; canonical review, protected handoff, correction/outcome feedback and own DEC-086 research. 52 proposed REQs, nine CON views and 32 planned cases, none executed. No new DEC/IF or inferred moral-weight/default. Next AOS-24, then AOS-25; wording review and operating dependencies remain. AOS-00/Map v0.29, DEC-001-091; AOS-22 v0.1; AOS-21 v0.3/AOS-23 v0.2 (counterpart/reference alignment only); AOS-01-05 v0.8, AOS-14 v0.4, AOS-20 v0.3, AOS-30 v0.3; Shared v0.12/Core v0.6/Exchange Register v0.11; source matrix v0.12; template v0.4; Control Coordination v0.2/Protected Reporting and Recovery v0.1. No build/activation/readiness approval.

AOS-22 §6 adopts existing evidence/assurance, corpus/control, canonical analysis, exact human decision, independent preparation/disclosure, protected handoff, correction/lifecycle/recovery and research definitions. AOS-21/23 now recognise their drafted synthesis counterpart with unchanged REQ/VER/CON content. CAP-01 remains a configuration under DEC-017; 22 owns rigour/divergence synthesis, 23 assessment, 24 fidelity, 25 longitudinal review and 30 human judgement. Ordinary commensurable operational comparisons are distinct from CAP-01's no-persona-ranking prohibition and permanent human moral adjudication. Remaining 24/25/13/40 allocation, actual implementation compatibility and independent/operating assurance stay open. No new IF/REC family or semantic dictionary change.

AOS-24 initial functional allocation - 7 October 2026

AOS-24 v0.1 (../Governance-Intelligence/aos-24-petra-presentation-and-explanation.md) AOS-24 v0.1 drafted at Mark's request: faithful canonical rendering and provenance; uncertainty/review and exact Chair/board/action standing; unranked CAP-01 divergence and distinct assessment dimensions; accessible Petra interaction, scoped confirmation and challenge; purpose-bound audience disclosure; independent/protected preparation, correction notifications including affected AOS-30 workflows, evidenced delivery and own DEC-086 research. 40 proposed REQs, eight CON views and 26 planned cases, none executed. No new DEC/IF, deployment, schedule or numerical default. Next AOS-25 oversight, drift and learning; wording review and operating dependencies remain. AOS-00/Map v0.30, DEC-001-091; AOS-24 v0.1; AOS-21 v0.4/AOS-22 v0.2/AOS-23 v0.3 (reference alignment only); AOS-01-05 v0.8, AOS-14 v0.4, AOS-20 v0.3, AOS-30 v0.3; Shared v0.13/Core v0.6/Exchange Register v0.12; source matrix v0.13; template v0.4; Control Coordination v0.2/Protected Reporting and Recovery v0.1. No build/activation/readiness approval.

AOS-24 §6 references the existing canonical, evidence/assurance, independent use/powers, projection, exact human approval, correction, delivery/duty, lifecycle/evaluation and research meanings. Rendering changes no analytical conclusion or human authority. AOS-21-23 now recognise the drafted presentation counterpart with all existing requirement, case and contract rows preserved. Remaining AOS-25/13/40 detailed allocation and actual implementation/assurance remain open; item 7 is not yet closed. Source manifest, DEC and parent REQ/VER statuses preserved.

AOS-25 initial functional allocation - 7 October 2026

AOS-25 v0.1 (../Governance-Intelligence/aos-25-governance-oversight-drift-and-learning.md) AOS-25 v0.1 drafted at Mark's request: purpose/precedent and Mode 1/2 drift, overrides, developer-framework divergence, cumulative/system effects, coverage and distributional patterns; unranked CAP-01 longitudinal evidence; GI account alongside independently prepared annual/material-triggered human review; empowered disposition, accepted corrective owners/dates and actual consequence learning; protected handoff, corrections including affected 30 workflows, own DEC-086 research and GI research-portfolio oversight. 48 proposed REQs, nine CON views, 30 planned cases and four unsubstantiated CRs; none executed. No new DEC/IF or automatic calibration/deployment/schedule. Mapped GI component drafting is complete; wording, whole-set consistency/disposition review and operating dependencies remain. AOS-00/Map v0.31, DEC-001-091; AOS-25 v0.1; AOS-20 v0.4/AOS-21 v0.5/AOS-22 v0.3/AOS-23 v0.4/AOS-24 v0.2/AOS-30 v0.4 (counterpart-reference alignment only); AOS-01-05 v0.8, AOS-14 v0.4; Shared v0.14/Core v0.6/Exchange Register v0.13; source matrix v0.14; template v0.4; Control Coordination v0.2/Protected Reporting and Recovery v0.1. No build/activation/readiness approval.

AOS-25 §6 references unchanged canonical/evidence, powers/use, human decision/obligation, paired review/disposition, permitted projection, protected/owned handoff, correction/lifecycle/evaluation and research views. Independent human account and GI self-assessment remain distinct. Pattern detection never amends telos/precedent, supplies a persona winner or claims certification. AOS-20-24/30 now identify drafted counterparts; all existing requirement, verification and contract rows preserved. Actual schema/control compatibility, appointments/profiles, independent operating review and evidence remain later gates. Next: author GI-set consistency/disposition review across AOS-20-25 and AOS-30, then AOS-40 acceptance scenarios under item 8; independent project review remains deferred. Source manifest and parent DEC/REQ/VER statuses unchanged.

GI consistency reciprocal closure - 7 October 2026

GI-CR-01-04 are closed at the functional-document level under Mark's instruction. KX-06 retains its existing proposed logical v0.2; no new IF, transport or powers are introduced. Its permitted consumers include 23 CON-005 and 24 CON-004, alongside 22 CON-004 and 25 CON-003. Relevant actual outcome feedback includes 22/23/24/25 through 02 custody/permitted projections. Exact compatibility and observed delivery remain operational gates.

RP v6 precedent integrity → 20 REQ-034/VER-014; 21 REQ-025/VER-017; 25 REQ-021/VER-015; 30 REQ-038/VER-023: each GI/human account is prepared without reference to the other before comparison; originals, different bases and subsequent responses remain distinct. FP2/RP2 → 20 REQ-019/VER-005 and 22 REQ-016/VER-009: approved moral weights cannot transfer Mode 2 judgement; commensurable Mode 1 comparison remains separate. 30 VER-021 adds the planned cross-component correction/approval/outcome walkthrough. All cases remain unexecuted.

The GI review v0.2 closes all four findings and accounts for all 38 GIL disposition destinations; original source manifest and previous source statuses are preserved. Full source-item/operating assurance is not inferred. Item 7 is complete at the author functional-specification level; next AOS-40.

AOS-40 initial functional allocation - 8 October 2026

AOS-40 v0.1 §19 maps existing architecture REQ-016-022/034-054 and VER-019-025 to its proposed functional obligations and 35 planned assembled cases. Component tests remain authoritative for their own requirements. AOS-40 §6 references common

semantic definitions unchanged; its assurance views are proposed supporting references, with executable and reciprocal endpoint adoption explicitly open under ISS-003. Its own external research inherits AOS-04-CON-009/AOS-02-CON-007/RSVIEW-0.1 with specialist assurance remit. No new IF/REC family, new design decision, contract/schema approval, executed assurance or live activation. Full source-item and domain/annex acceptance allocation continues as those documents are drafted. Existing source manifest and historical requirement/case/decision statuses are preserved.

AOS-10 initial functional allocation - 8 October 2026

AOS-10 v0.1 §19 allocates architecture REQ-041-044/VER-019 and DEC-036-041 to asset REQ-013-020/032, VER-010-017 and CON-004. Process owns comparison/tracking; Resident owns agreed-channel delivery; Asset owns evidence meaning. 40 v0.2 VER-007-010 now links those exact asset rules, and VER-036 links 10 REQ-024-026/047 and VER-020-022 for governed building-information integration. Asset CON-001-007 consume common definitions without changing their semantic owners or approved IF/status. Exact wire/endpoint compatibility, organisation profiles, 11/13 reciprocal adoption and executable evidence remain declared gates. All prior dated baseline/next-step entries are historical; no requirement approval or readiness inferred.

Standing sensing-domain drafting consideration - approved by Mark, 8 October 2026

For each of AOS-10 Asset, AOS-11 Resident, AOS-12 People, AOS-13 Process and AOS-14 Boundary Intelligence, explain how existing supplier technology and software can realise the architectural functions. Include: hardware/data/software/analytics/workflow/UI participation as relevant; a capability-to-component/contract mapping; permissible standalone, integrated and combined-platform arrangements; a worked evidence-to-action-to-outcome example; and a supplier response matrix linking exact requirement IDs to supplied capabilities, evidence, gaps and integration dependencies. Distinguish logical responsibility from a product/deployment boundary. A supplier may realise several functions, and several suppliers may contribute to one function, while authority, evidence, privacy, human judgement and common-contract obligations remain attributable and enforced. Separate functional fit from executable API/schema/security/service profiles and from tested conformance. Do not imply that suppliers must discard existing analytics/software or become mere raw-data feeds. Supplier examples are explanatory and do not select, endorse or certify a product.

Apply when drafting or next materially revising each sensing specification: AOS-10 v0.2 now incorporates it; AOS-11/12/13 must incorporate it in their initial drafts; AOS-14 v0.4 remains unchanged and must receive this consideration in its next revision. The supplier alignment briefing (item12a) should draw on these mappings. This is a recorded drafting direction; exact proposed requirement wording, product selection and activation still require their respective review/authority. It does not change the five-domain architecture or existing DEC-001-091.

AOS-11 initial functional allocation - 8 October 2026

AOS-11 v0.1 §19 allocates ARCH REQ-041-044/VER-019 and DEC-036-041 to Resident REQ-017-026, VER-010-013 and CON-003/004, consuming10 v0.2's unchanged promise/completion evidence;13 comparison/tracking remains authoritative. DEC-049-053 govern private assistance/proportionate identity/refusal/bounded welfare/reviewable disclosure; DEC-088 constrains inferred individual emotion/preferences; DEC-086 allocates own research REQ-049-053/VER-028-031. Mark's supplier direction maps toCAP-008/FUN-010/REQ-054/VER-032 and §20.1.40 v0.3 adopts exact Resident evidence links while12/13/annex/executable coverage remains open.
Current-source/organisation/privacy/accessibility/tier/complaint/service/research profiles and actual provider/endpoint compatibility/execution are controlled dependencies; no Book proposal, supplier capability or draft requirement acquires operating authority. All prior dated baselines/next-step statements are historical. AOS-12 is next; supplier consideration applies to12/13 initial drafts and14 next revision.

AOS-12 initial functional allocation - 8 October 2026

AOS-12 v0.1 §19 allocates People purpose/role support and human-owned employment decisions to REQ-001-007, capability/literacy/manual competence to008-014, charter/listening/disclosure to015-024, workload/transition/protected concerns/equality to025-031, rights/common operation to032-044, own DEC-086 research to045-049, supplier participation to050 and bounded governance/conduct/provider evidence to051-053. All are proposed, with35 planned cases.40 v0.4 VER-037 links substantive human judgement, contextual/repeated small-group disclosure risk and longitudinal/manual professional capability; other40 privacy/protected/recovery/provider/research cases adopt exact People counterparts.01-05/02 common semantics,11 private/source boundaries,13 tracking and30 human decision support remain authoritative. Current qualification/legal/disclosure/charter/role/provider/evaluation/research and actual endpoint/implementation evidence remain explicit gates. No new DEC/IF/monitoring/HR action authority; historical baselines/next steps retain dated standing.

AOS-13 initial functional allocation - 8 October 2026

AOS-13 v0.1 §19 allocates definition/evidence/coverage/divergence/obligation signals to REQ-001-010; shared exact checks, accounting and change to011-015; accepted human/protected duties and continuing service to016-020; reconciled execution, concurrency, closure and memory to021-029; repair promise, unknown completion, disputes, human owner/both contacts and actual outcome to030-038; complaint/People/GI/privacy integration to039-042; lifecycle/security/continuity/recovery/evaluation/audit/common compatibility to043-049; own DEC-086 research to050-054; supplier realisation to055; independent assurance/novel-case handling to056-057. Each has planned verification, 40 cases in total, none executed. Existing AOS-13-IF-001/KX-07, KX-21/26 and shared semantic owners remain authoritative. AOS-40 v0.5 VER-038 adds actual cross-domain duty/control/effect/outcome assessment. Exact commissioned schemas, applied profiles, human capacity/acceptance, endpoint mechanisms, source allocation and executed/independent evidence remain gates. No new DEC, operating authority, numerical default or automation activation.

8 October session close - Boundary supplier perspective

AOS-14 supplier perspective - 8 October 2026: AOS-14 v0.5 now explains supplier integration/gateway/data/research/communication/sensor contributions, combined/manual/integrated arrangements, authoritative control and record ownership, worked contractor exchange and exact response rows. Proposed REQ-009/planned VER-007 cover supplier allocation; numbered totals are nine REQs/seven cases for research/supplier adoption only, with older Boundary criteria and full migration/source allocation still separate. Existing issues/decisions/common/source standings retained; no cases executed. Architecture/Map v0.39;10 v0.3,11 v0.2,12 v0.2,13 v0.1,40 v0.5 unchanged. Supplier consideration is included in all five domain drafts. Next is author five-domain/common consistency and source-allocation review; Mark review, item9 adoption, item8 annex/execution coverage, pilot5b and item6 remain open. Independent project review remains deferred; no build or operating approval. Earlier dated next steps are historical.

Boundary functional completion and source/common adoption - 9 October 2026

Current Boundary completion - 9 October 2026: AOS-14 v0.6 completes the functional proposed core/research/supplier migration:55 requirements/34 planned cases, all80 FP/RP/GT contribution rows and explicit typed determination/contract mapping. Architecture/Map v0.40; DEC-001-091 unchanged. Shared Contracts v0.16/Exchange Register v0.15/Source Matrix v0.16 adopt Boundary-only links; Core v0.6, kernel01-05 v0.8 and10 v0.3/11 v0.2/12 v0.2/13 v0.1/25 v0.2/30 v0.5/40 v0.5 unchanged. Working naming resolved under existing OQ-013; federation deferred OQ-012; other material Boundary questions/commissioning and independent review remain gates. No new DEC/IF, case execution, build readiness or activation approval. Earlier dated baseline/next-step notes are history; no historical source status promoted. Next: Mark's Boundary review and scoped decision dispositions; complete remaining whole-sensing common/source/status remedies from SENS-CR-02-04.

AOS-14 §§4.6/15.5/19.2 and AppendixA provide complete proposed requirement/case/retained-anchor/source links. Existing research/supplier IDs remain; new010-055/008-034 are proposed component derivations under DEC005/086, not new approved

direction. Source/conformance/whole-suite review and exact scoped profiles/decisions remain independent gates.

Approved Boundary decision adoption - 9 October 2026

Table row 1

Approved decision / subject: AOS-00-DEC-092 - Consequential external exchange
Direction / rationale: An external exchange is consequential when it can create or change an organisational commitment, disclose protected information, affect rights or service, trigger external action, or create a material obligation or risk. Materiality considers financial exposure and resource impact separately: payments, expenditure, liabilities or contingent exposure; and staff time, workload, capacity, equipment, facilities or other resource commitments and displacement of existing duties. Low monetary cost does not establish low resource impact. Record known quantities with their units/time basis and uncertainty; no invented money-to-time conversion or universal threshold. Apply organisation-approved criteria, including cumulative commitments. Routine public-information retrieval may use a lighter approved route only where its actual purpose, content and effects meet that profile. Uncertain classification goes to an accountable reviewer and cannot silently use the lighter route.
Affected Boundary records: ISS-004; REQ-010-012/020-022/027/051; VER-008/012/016
Approval and standing: Mark;9October2026; Q1 agreed (Q1 with financial/resource clarification); approved architectural direction, exact component wording remains proposed

Table row 2

Approved decision / subject: AOS-00-DEC-093 - Outcome-specific exchange evidence
Direction / rationale: Define the required outcome and sufficient evidence for each exchange type. Sending, delivery, recipient acceptance and actual fulfilment remain distinct facts. Contractor receipt does not prove completed work. Where the required effect remains unknown, retain that standing and reconcile before retrying. An authorised person may close further investigation under the approved profile only with an explicit unknown outcome and retained owner/status of every outstanding duty; closure cannot become confirmed success.
Affected Boundary records: ISS-005; REQ-029-032/036/053; VER-018/019/021/031/034
Approval and standing: Mark;9October2026; Q2 agreed (Q1 with financial/resource clarification); approved architectural direction, exact component wording remains proposed

Table row 3

Approved decision / subject: AOS-00-DEC-094 - Common external-obligation ownership
Direction / rationale: Use a common obligation record carrying source, applicability, exchange, responsible human owner, deadline where applicable, fulfilment evidence and current status. Boundary recognises exchange-associated obligations; relevant domain stewards determine substantive meaning and applicability under their authority; AOS-02 owns common record semantics; AOS-13 tracks accepted responsibility and fulfilment; AOS-30 supports accountable human disposition. Preserve financial and resource impacts separately where applicable, including unknown values. Uncertain or conflicting obligations go to an empowered human; automated recognition does not create legal authority or settle substantive meaning.
Affected Boundary records: ISS-006; REQ-033-036; VER-020/021
Approval and standing: Mark;9October2026; Q3 agreed (Q1 with financial/resource clarification); approved architectural direction, exact component wording remains proposed

Table row 4

Approved decision / subject: AOS-00-DEC-095 - Operation-specific organisational boundary
Direction / rationale: Determine the boundary from organisational authority and control over the particular operation and data use. Hosting location alone is insufficient. A supplier system may carry out a delegated internal function while its onward disclosure or independent action crosses the external boundary. Each arrangement declares controlling parties, authority, operation/data-use scope, actual governed exchange points and independent shared-control enforcement. Ambiguous or missing control allocation remains an owned gap and withholds dependent consequential action.
Affected Boundary records: ISS-007; REQ-010/011/026/047; VER-008/015/027
Approval and standing: Mark;9October2026; Q4 agreed (Q1 with financial/resource clarification); approved architectural direction, exact component wording remains proposed

Table row 5

Approved decision / subject: AOS-00-DEC-096 - Boundary patterns and system oversight
Direction / rationale: Boundary detects cumulative external-exchange patterns, including repeated disclosures, accumulating commitments, unusual counterparties, excessive restriction and attempts to evade controls by splitting actions. AOS-25 combines permitted Boundary signals with other domains to assess wider drift and emerging/system risks. Shared AOS-01/03/04/05 controls

enforce approved limits and accounting; empowered humans decide policy/limit changes. Boundary cannot create a private budget, waive restrictions or adjudicate systemwide governance.
Affected Boundary records: ISS-003; REQ-027/043-046; VER-016/025/026
Approval and standing: Mark;9October2026; Q5 agreed (Q1 with financial/resource clarification); approved architectural direction, exact component wording remains proposed

These directions do not appoint organisational officers, select numerical thresholds, convert resource impact into money or certify external obligations legally. Shared owners retain their meanings and independent enforcement. Proposed component requirements and planned cases retain stable identities; an approved direction is distinct from G3/build or operating approval. The organisation-specific profile must state criteria and aggregation windows for financial and resource materiality; exchange-type expected effect/evidence and authorised unresolved closure; obligation field types/cardinalities/lifecycle and owners; operation/data-use authority and control points; and Boundary-versus25 pattern routing/triggers. Missing or invalid mandatory settings withhold dependent effects/reliance and retain an owned gap. No deferred federation activation or new source-status promotion is implied.

Current sensing-set disposition - 9October2026

Current sensing consistency closure - 9 October 2026: Mark authorised the remaining consistency work. SENS-CR-01-05 are closed at the functional-document/author-review level: all40 logical CON views across10-14 and40 have exact central adoption, producer/consumer/shared-owner and REQ/VER links; all80 controlled FP/RP/GT sources have precise current contributions and owned residual/gate dispositions; current body/control statements are reconciled.
Versions10v0.4/11v0.3/12v0.3/13v0.2/14v0.8/40v0.6; Architecture/Mapv0.42; Sharedv0.18/Corev0.6/ExchangeRegisterv0.17/SourceMatrixv0.18; reviewv0.4. DEC001-096 unchanged. Sensing269 proposed REQs/176 planned VERs;40 retains40/38. No new requirement/case/interface, source promotion or execution. Exact compatible wire schemas/profiles, organisation appointments/capacity, independent review, legal/institutional/practice evidence and scoped build/activation remain separate; independent project review remains deferred. Earlier dated notices/addenda are historical. Current controlling allocation is the9October manifest and source addendum below.

Acceptance corrections and controlled allocation - 9 October 2026

AT-CR-01-05 closed at functional-document/author-review level. AOS-40 v0.7 retains40 proposed requirements and38 planned parent cases, with108 individually assessable variants in the controlled acceptance annex. All variants remain planned/unexecuted. Architecture/Mapv0.43; Sharedv0.19/Corev0.6/Registerv0.18/SourceMatrixv0.19; DEC001-096 unchanged. Original parent acceptance and local component obligations remain necessary. Exact approved current-core execution scope/endpoints/profiles, human appointments, implementation evidence and independent/institutional assurance remain separate dependencies. Pilot5b remains closed.

Controlled allocation: Acceptance variants and coverage (../Supporting-Specifications/aos-40-acceptance-variants-and-coverage-v0-1.md) §§2-6 define result rules, all38 parent joins,108 fixture/procedure/oracle variants, exact specialist counterparts and the660 retained local-case inventory. An inventory entry alone gives no assembled coverage; actual scoped execution must bind exact local requirement/contract/endpoints/variant/evidence or retain an owned exclusion. Remaining annex and execution-scope choices stay with AOS-40 ISS-002/003/007 and relevant semantic/assurance owners before affected reliance.

CON-003 master correction: AOS-40-REQ-012/013 → AOS-40-VER-006; AOS-40-REQ-014 → AOS-40-VER-001; AOS-40-REQ-016 → AOS-40-VER-009/021/038; AOS-40-REQ-022 → AOS-40-VER-021. The authoritative definition remains the Kernel Exchange Register; current projections adopt that one definition. These links distinguish finding/retest, traceability, accepted human duty and protected reporting. No transport receipt is proof of accepted duty or remedy.

Change: Authorised documentary corrections AT-CR-01-05; no new constitutional decision, requirement, parent case or

interface; no source-status promotion or gate approval.

Phase 2 scope disposition - 9 October 2026

DEC-097 controls over prior inclusion/annex statements. CAP-01/02-specific legacy requirements/cases are deferred and supply no current-core completion/acceptance obligation. General human judgement, independent challenge, evidence fidelity, cumulative risk/drift and protected reporting remain current. Existing closure of AT-CR-01-05 and pilot5b is retained; neither is reopened by this scope change. No case executed or operating approval granted.

Allocation and source status: Any older source/adoption row relying on deferred CAP-only IDs is a historical use-case contribution, not current-core coverage. Core source sufficiency must use the surviving general obligations and accepted evidence; no source is promoted by this deferral. Retained numbered totals count catalogue/trace entries, including deferred IDs, and must not be read as active-core requirement/test totals.

Final functional-document completion disposition -9October2026

Author completion review (../Supporting-Specifications/aos-core-documentation-completion-review-v0-1.md) records the bounded checks and closure of documentary tasks6/8/9. Source statuses, manifest, DEC001-097, proposed component requirements and planned cases are unchanged. No current-core coverage from deferred CAP-only IDs. Exact approved run/endpoint bindings, compatible implementation profiles and actual competent/independent/service/institutional evidence remain prerequisites before affected reliance. Next documentary task: item12 extension/conformance specification;12a supplier briefing,13a AOS Change Constitution and13/14 publication programme remain open. Mark substantive review is5d; implementation preparation and verification are11a/11b.

Item12 - supplier architectural fit and scoped conformance

AOS-ECv0.1 (aos-extension-and-conformance-specification-v0-1.md) is a cross-cutting support specification, not another intelligence component or new semantic contract owner. It uses existing responsibilities/definitions to make a supplier’s contribution, exchanges, retained owners and gaps legible. Proposed requirements20/planned assessments10; none executed. Item12 author drafting complete;12a supplier briefing next; project/organisation review and implementation-specific compatibility/evidence remain separate. Existing principles, decisions, source histories and Phase2 deferral retained.

Supplier-facing briefing - item12a

Briefingv0.1 (../Supporting-Specifications/aos-supplier-alignment-briefing-v0-1.md) is the readable supplier account of the item12 method. The technical specifications retain their own proposed requirements and planned cases. No actual supplier response, usability/conformance result or operating approval is supplied by drafting the briefing. Next documentary work: item13a AOS Change Constitution, alongside item13 public-package preparation; RI-001 remains a later candidate with separate scope.

Historical opening status notices - retained provenance

These are dated drafting snapshots, including their then-current versions, totals, completion statements and next tasks. They do not define today's baseline or work queue. The present document retains its proposed/planned status; approved directions retain their recorded scope. Use the current inventory, adopted README and live to-do list for orientation; authoritative requirement and decision text remains in its named sections.

Historical status notice - disposition - 9 October 2026: Mark has moved the Living Specification (RI-001) to Phase 2. Its design, implementation, acceptance planning and testing are deferred and are not prerequisites for current architecture completion or

publication. CAP-01/02 remain deferred; the overdue-repair example remains the first selected demonstration. The Change Constitution v0.1 is drafted for review; its proposed rules are not adopted by the drafting instruction. Item13a author drafting is complete; substantive review/adoption remains separate. Next documentary work is item13, publication and contribution arrangements. Earlier next-task statements are historical. AOS-00/Map v0.48; approved scope direction DEC-098; earlier DEC001-097 and component/common requirements, cases and source statuses unchanged.

DEC-099 allocation - 29 October 2026

Derived-information restriction direction approved by Mark. AOS-02 v0.9 REQ-021 → VER-009 supplies attributable contributing-source lineage and restrictions; AOS-03 v0.9 REQ-010 → VER-006/007 supplies current operation/purpose assessment, combined sensitive-information review and withholding/referral. Core v0.7 and Shared v0.22 carry the common interpretation; Register v0.21 records the dependency. Requirement/case identities and counts unchanged. AOS-03 REQ-011/012 conditions retained; no new exception, build/operating permission or executed result. Other substantive questions remain separate.

DEC-100 allocation - 29 October 2026

AOS-01 v0.9 REQ-069 → planned VER-045 and AOS-03 v0.10 REQ-069 → planned VER-052 define separate advance-authorised minimum control-metadata access independently verifiable from the requested business outcome. Core v0.8 / Shared v0.23 carry common interpretation; Register v0.22 binds the dependency; Matrix v0.23 records the decision allocation. Organisation instruments, profile, independent verification path and actual startup/revocation/outage/recovery evidence remain open gates. No permission to underlying operational records, new exception or readiness/operating approval.

DEC-101 allocation - 29 October 2026

DEC-101 → AOS-30 v0.6 REQ-048 / planned VER-031; AOS-40 v0.9 REQ-032 / planned VER-030 and annex v0.3 variants VER-030-V01/V02; Operational Profiles v0.2. Scope includes both before-reliance evidence and proportionate continuing reassessment, with owned degraded/fallback action and unchanged automation bounds. Existing requirement/case/variant IDs and counts retained. Criteria, actual capacity, competent assessment and observed results remain required; no case executed. Prior DEC-099/100 and original source statuses/manifest retained.

DEC-102 allocation - 29 October 2026

DEC-102 → AOS-01 v0.10 REQ-015/070 → planned VER-046; AOS-40 v0.10 REQ-030 → planned VER-029 / existing V01/V02; acceptance annex v0.4; Operational Profiles v0.3 / Shared v0.24 supply common constraints and assessment responsibilities. Register v0.23 carries the dependent-use/profile gate; Matrix v0.25 records direct decision derivation. One new requirement and one planned case added at AOS-01 only: catalogue 70 REQs / 46 VERs; kernel total 365 requirement identities. Existing other IDs/counts and original source-assurance statuses retained. No case executed; profiles/actual assessment and compatibility evidence remain prerequisites.

DEC-103 current decision/evidence allocation - 29 October 2026

DEC-103 → AOS-30 REQ-008/010/011/012 and VER-005/006/007; AOS-02 REQ-030 / VER-016; AOS-21 REQ-019/022/023 / VER-013/014; AOS-23 REQ-022 and AOS-24 REQ-005 preserve downstream states; AOS-40 REQ-019 / VER-016 and variants V01/V02 assess the four axes. Shared SC-R12/SC-V08 and Core REC-R09/REC-V06 align; KX-06 v0.3 replaces the universal-gate semantics of v0.2 with explicit profile/compatibility prerequisites. Existing requirement/case/variant IDs/counts retained; no case executed. DEC-087 partly superseded, original text preserved; DEC-088/089 and protected board powers retained.

DEC-104 protected-reporting allocation - 29 October 2026

DEC-104 → Protected Reporting and Recovery v0.2 class profile/protocol and KPV-01; kernel AOS-01 REQ-058 / VER-035, 02 REQ-061 / VER-039, 03 REQ-056 / VER-040, 04 REQ-060 / VER-045, 05 REQ-064 / VER-053. GI20 REQ-030 / VER-013, Oversight25 REQ-036 / VER-023 and Hub30 REQ-025 / VER-015 explicitly preserve the alternate route without an implicated sole gatekeeper. AOS-40 REQ-022 / VER-021 and existing V01/V02 variants assess included class profiles; original GI-specific variants and all existing IDs/counts retained. KX-19 protected_finding v0.3 replaces v0.2 for the revised route-assessment meaning; recovery and other view revisions are unchanged. No case executed.

DEC-105 technical-control assurance allocation - 29 October 2026

DEC-105 → AOS-05 REQ-077 / planned VER-065 and AOS-40 REQ-041 / planned VER-039 with independent variants V01/V02. Operational Profiles, Control Coordination and Protected Reporting/Recovery carry scope/limit/observability and permitted fallback gates; existing conservative reservation, current-control and no-revival/no-replay meanings retained. Current catalogues: AOS-05 77 REQs / 65 cases; AOS-40 41 REQs / 39 parent cases / 110 variants; non-AOS-40 local cases 664 including retained deferred IDs. Original identities preserved; no case executed. This adopts an assurance requirement, not a technology, numerical default, permission to prototype or deployment.