

Kernel Pre-UAT handover

Delivered module functionality, integrated workflows, engineering verification and the client review plan.

1. Release purpose and current position

The implemented Kernel scope is being handed over for module demonstrations and client Pre-UAT. The release brings the individual capabilities into connected journeys across access, governed screens, workflows, communication, data, documents and automation.

How to read the status: implementation delivery, engineering regression and client acceptance are separate milestones. The engineering results below describe work already tested. The editable client case results begin *Awaiting client validation* because this handover starts the client Pre-UAT phase.

Security testing and user-experience refinements continue during Pre-UAT. The final UAT decision will include closure or explicit acceptance of the relevant findings and the agreed review outcomes.

2. Delivered implementation

Area	Delivered functionality
Sources, datasets, Pulse and Vista	Source connections, typed modeling, richer authoring and preview/output workers. Current worker services are active.
Enterprise Scheduler	Runtime, seven management screens, retries/reruns, backfills and dependency checkpoints. Current worker heartbeat verified.
Navigation, lifecycle and domain mappings	Permission-derived sidebar and explicit domain/profile mappings; all 273 current boolean lifecycle columns have defaults and NULL protection.
Axis editing and notification outcomes	Screen header help, owning-screen control editing, shared form layout and repaired recipient-checked notification links.
Kernel documentation	Separate manuals, demonstrations and UAT handover for 14 modules, connected through a master index and permission-controlled application menus.

3. Module-by-module coverage

Each of the fourteen Kernel modules has its own detailed user manual and a separate demonstration. The links below open the relevant material directly.

Kernel module	Implemented Pre-UAT scope	Detailed instructions
Kernel Core	Person/organization onboarding; contacts and addresses; relationships, classifications and geography; state/reason definition authoring, reviewed publication and contextual evaluation.	User guide · Demonstration
Tenant Engine	Resumable onboarding requests; registration review; Core organization binding; identity evidence; typed configuration publication; commercial plans/subscriptions; domain ownership challenges and owner readiness steps.	User guide · Demonstration
Tenant Control Plane	Environment registry and review; deployment-plan evidence/probes; configuration promotion; residency/support checks; module grants; lifecycle activation, suspension/restoration and exit paths.	User guide · Demonstration
Identity and Access Management	Admin-created and subscribed user journeys; domains, profiles, roles, permissions and menus; user assignments; IAM-owned menu/screen and permission/control bridges; RBAC/ABAC evaluation, dynamic navigation, row review, credential/session administration and audit.	User guide · Demonstration
Axis	Screen and control inventory; labels and presentation; mapping drafts and owner/independent reviews; configuration and experience versions; profile variations; governed activation and rollback.	User guide · Demonstration
TimeVault	Country/State authoring; current/as-of views; temporal change proposals and Slice and Dice; independent decisions; preserved versions and applicable role-version integration.	User guide · Demonstration
Regulix	Rule/decision design and evaluation; process/case definitions and supported models; validation/review/publication; native runtime starts, tasks, events, timers/sentries, assignments, SLA incidents and decision/deployment history.	User guide · Demonstration

Kernel module	Implemented Pre-UAT scope	Detailed instructions
Custodia	Content classes and metadata; individual/batch capture; admission/scanning and processing; document/version views, search and preview; review, sharing/disclosure; classification, retention, holds, disposal, storage and audit workspaces.	User guide · Demonstration
MEDES	66 registered source entries covering member/case context, upload and intake, indexing/splitting, review/eligibility, case tasks, secure messages, letter/fax/print-mail work, delivery/response tracking, administration and reporting.	User guide · Demonstration
Nexora	Learning home; authored content and review/publication; assignments/enrollments; lessons, assessments/attempts and completion; session/readiness evidence; bounded certificate issue/download/expiry/revocation.	User guide · Demonstration
Pulse	Letter, email and message Studio; dataset/record binding and related/repeating content; templates and reusable content; saved current-data preview; one independent review/publication; pagination/output; channel/rule configuration, generated output, notifications and delivery history; registered Scheduler email/letter generation.	User guide · Demonstration
Vista	Self-service supported HTTPS JSON connection flow with credential references/testing/discovery; datasets including supported modeling/calculations; reviewed publication; reports/charts/expressions and dashboard composition; blank-start/template selection, draft recovery, current-data preview and versioned runs; Scheduler report/dashboard bindings.	User guide · Demonstration
Enterprise Scheduler	Jobs, once/interval/cron schedules, calendars, queues/workers, runs/attempts, bounded backfills, static dependency batches/checkpoints/resume; current-data preview and independent publication; service identity, leases/fencing, retries/cancellation/reruns and audit; registered Nexus source refresh, Vista report/dashboard, Pulse email/letter and recovery cleanup operations.	User guide · Demonstration
Kernel Atlas	Typed engineering registers, linked requirements and traceability, controlled narrative, document editions, review and publication.	User guide · Demonstration

4. Integrated business journeys

Journey	Module responsibilities	What to demonstrate
Administration to user access	Core → Tenant Engine / Tenant Control Plane → IAM → Axis → Regulix → Pulse	Admin-created and subscribed-user onboarding, explicit domain/profile/role mappings, permitted menus/controls, review on the originating record, enrollment and notifications.
Data to published output	Source connection → dataset → Vista / Pulse Studio → review → publication	Authorized field selection and modeling, report/dashboard or email/letter authoring, saved-version preview, independent review and published output.
Published artifact to scheduled result	Vista / Pulse / registered operation → Scheduler → producing module → audit	Execution ownership, input preview, schedules/calendars/queues, run outcomes, retries/reruns, bounded backfills and dependency checkpoints.
Case and document evidence	MEDES → Custodia → Regulix → Pulse → Vista	Case-linked documents, controlled access and review, correspondence, delivery evidence and reporting after the target activation is prepared.
Effective changes and knowledge	TimeVault / Axis / Regulix / Nexora / Kernel Atlas	Versioned records, approved effective dates, controlled presentation, learning/review and linked knowledge.

Microsoft Entra ID (Azure AD / External ID), configured native sign-in, Pulse email and in-application notifications/inbox, Axis rendering and Regulix review are described at the points where the respective journey uses them.

5. Completed engineering checks and current regression

Engineering verification	Recorded outcome	Status	Coverage
Deployed Azure services	11 services active	PASS	Current deployed services and output workers
Scheduler runtime	Worker heartbeat current	PASS	Worker availability and deployed release lineage

Engineering verification	Recorded outcome	Status	Coverage
Soft-delete lifecycle	273 of 273 boolean is_active columns protected	PASS	Defaults and NULL guards; historical values preserved
Domain/profile mappings	12 assertions	PASS	Creation, zero initial links, explicit reviewed links, removal, tenant isolation
Axis screen help and control labels	10 assertions	PASS	Stored help and label round-trip through maker, checker and administrator contexts
Notification outcomes	17 assertions	PASS	Recipient-bound outcomes, mark-read and unauthorized/expired-session rejection
Current application route presentation	968 passed / 968 route/theme checks	PASS	484 source routes in both supported themes; isolated API responses, desktop/mobile layout, headers, fonts, navigation and errors
Native IAM screen presentation	64 passed / 64 screen/theme checks	PASS	32 native IAM views in both themes; isolated service responses
Originating-record review controls	320 passed / 320 review-mode/theme checks	PASS	32 commands, five allow/deny modes, two themes; exact selected record, responsive actions and permission gates; no business commands submitted
Integrated Regulix presentation	74 passed / 74 menu/theme checks	PASS	37 integrated Regulix menus in both themes; isolated service responses; current deployed shell and Regulix assets
Axis owning-screen editor interactions	22 passed / 22 interaction assertions	PASS	Owner-scoped fields/controls, title/help metadata, saved preview, unsaved guards, current review controls and mobile layout
Application documentation navigation	6 passed / 6 navigation checks	PASS	Distinct documentation menus, owning-record manual link and denied-menu behavior using current UI

Engineering verification	Recorded outcome	Status	Coverage
Maintained component regression	173 passed / 173 tests in 31 files	PASS	Shared lifecycle, application navigation and record page; current Scheduler, source/dataset, report/dashboard and preview components. Per-test source fixtures were aligned with current routing and resource loading.
Native module workflows	5 passed / 5 SQL suites	PASS	IAM, TimeVault, Custodia, Nexora and Regulix: permissions/context, independent review, exact-version checks, replay, lifecycle and notification queue handoffs. Fresh production database clone; transaction-local test context; fixture writes rolled back; no external delivery.
Current Studio data/output contracts	10 passed / 10 SQL suites	PASS	Connections, dataset modeling/review, report/dashboard previews, Pulse previews/bindings/generation rechecks, working copies, analytical layout and source review. Fresh production database clone; transaction-local test context; fixture writes rolled back; no external delivery.
Scheduler storage, recovery and dependency contracts	2 passed / 2 SQL suites	PASS	Current database clone: durable storage lifecycle, retries, fencing, crash recovery, soft retirement, tenant-context rejection, immutable evidence, dependency ordering, invalid edges/cycles, version pins and execution bounds. Fixtures satisfy current foreign keys; all writes rolled back; no external operation executed.

[Open the full regression suites, retained results, environments and follow-up details](#). Result counts retain the environment and scope of their execution.

6. Use the three documentation libraries

Library	How the client should use it
User Guides	Operate each module: field meanings, permissions, screen steps, expected outcomes, exceptions and next actions.

Library	How the client should use it
Demo Walkthroughs	Follow a dedicated use case during the module demonstration, with preparation, example inputs and the next module handoff.
UAT Handover	Review the implemented scope and regression evidence; execute client cases; record defects and acceptance; consult deployment, gateway and support procedures.

Master portal: support.kernelhealth.tech. The public documentation portal is deployed. Application actions use the separate authorized application session.

7. Demonstration and client Pre-UAT sequence

1. **Agree the roster.** Nominate business reviewers and module owners, share availability, and confirm each module's demonstration slot.
2. **Prepare the journey.** Confirm the tenant, authorized maker/checker profiles, example data, current publications and configured providers needed by the scenario.
3. **Demonstrate the implemented flow.** Use the dedicated module walkthrough. Show record creation, validation, originating-record review, publication/effective state, audit and the next module handoff.
4. **Carry out client Pre-UAT.** Use the corresponding user guide and workbook cases. Record actual behavior, record/version references and supporting evidence.
5. **Consolidate feedback.** Classify each item as a defect, flow clarification, usability improvement or requested scope change. Assign an owner, priority and target resolution.
6. **Fix and retest.** Record the corrected build and targeted regression results, then obtain the reviewer's closure decision.
7. **Prepare final UAT.** Review the feedback register, security findings and agreed UX changes. The planned final UAT release is **10 November 2026**.

8. Entry preparation and configured capabilities

- **Demonstration setup:** authorize the intended profiles, publish the relevant owner configuration and prepare test data before each slot.
- **Provider-dependent operations:** verify approved connection credentials, email/delivery destinations and external identity settings in the target tenant.
- **MEDES:** the technical implementation is delivered. Complete the recorded tenant activation, role/API and document-review publications before its live business demonstration.
- **Configured options and extensions:** optional integrations and additional roadmap features are recorded in the scope/dependency register with their owner and closure criterion.

[Detailed configuration and scope register](#). A dependency on that register applies to its named capability; it does not erase the delivered functionality of the whole module.

9. Record feedback so it can be resolved

Record the module, scenario, tenant/profile, screen, steps, expected result, actual result, record/version identifiers and evidence. State the impact and whether it is a defect or a requested change. Keep the original observation, assigned owner, fix reference, retest and closure decision together.

[Execution and feedback guide](#) · [Editable workbook](#) · [Defect register](#)

10. Deployment, gateway and support handover

The technical annexes cover the actual deployment sequence, database/configuration promotion, UI/APIs/workers, health checks, rollback, Kong request routing and incident investigation.

- [Azure deployment pipeline](#)
- [Kong and gateway operations](#)
- [Release and support runbook](#)

11. Release review and final UAT

Demonstration feedback, client Pre-UAT results, security testing and agreed UX improvements feed into the final UAT candidate. The release owner confirms the exact candidate build and configuration; business reviewers confirm their executed scenarios and closure decisions. The target final UAT release is 10 November 2026.

The detailed execution and sign-off registers provide the decision trail. An unfilled client result is a review task for this phase, not a statement that the implementation has not been developed or tested.