FormaOS Operating System Report

Detailed 10-page edition with feature depth and screenshot evidence. This version focuses only on the application OS surfaces: workspace app, founder admin console, and internal APIs.

GENERATED FEBRUARY 13, 2026 | SCOPE: /APP + /ADMIN + /API

SECTIONS

Current OS Scope

| APP SCREENS	ADMIN SCREENS	API ENDPOINTS	ROLE PATHS
46	**20**	**92**	**4 + staff**
Workspace routes	Founder console routes	Internal route handlers	Owner/admin/member/viewer + staff

What Is Strong Today

- Unified compliance workspace with fast navigation
- Mature policy-task-evidence execution loop
- Care workflows for participants, visits, notes, incidents
- Governance and trust export systems
- Founder-level cross-tenant operations console

What Is Explicitly Gated

- Certain exports depend on entitlement + compliance state
- Sensitive modules require owner/admin authorization
- Staff-facing operations route requires staff role path
- Enterprise identity controls are context-dependent
- Some modules remain intentionally in-progress
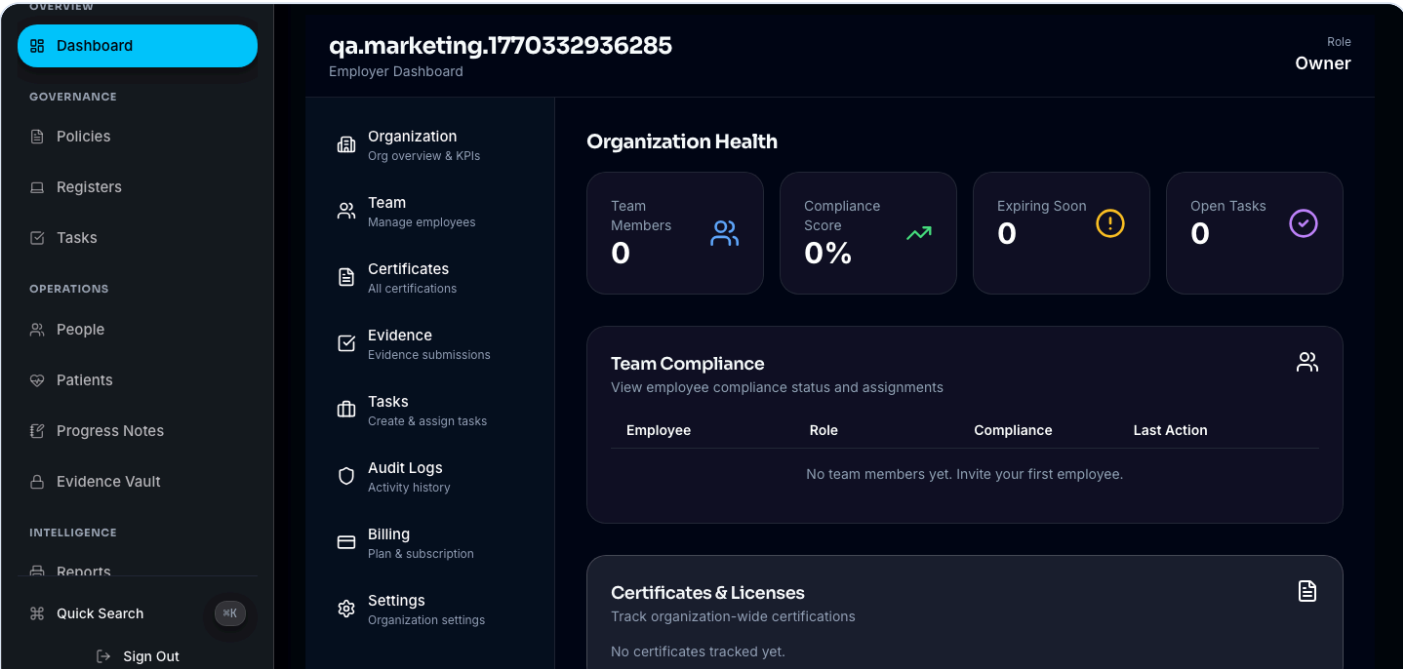
Screenshot evidence: core dashboard surface with role-aware navigation and governance operations at the left rail. Source: `public/marketing/screenshots/dashboard.png`

How The Workspace Is Structured

- Single app shell for all tenants with role-driven rendering.
- Hydrated system-state model to reduce duplicate data queries.
- Industry-adaptive navigation and language model (NDIS/healthcare/aged care/default).
- Command palette and global search to accelerate operator movement.

ARCHITECTURE LAYER	PRIMARY FILES/ROUTES	FUNCTION
App Shell	`app/app/layout.tsx, components/sidebar.tsx, components/topbar.tsx`	Unified structure, navigation, trust strip, command surface
System-State Core	`lib/system-state/server.ts, app/api/system-state/route.ts`	Role/plan/entitlement hydration and module access modeling
Search Layer	`components/topbar-search.tsx, app/api/search/route.ts`	Cross-entity discovery over policies, tasks, and evidence
Command Surface	`components/command-palette/CommandPalette.tsx`	Fast route/action execution in app and admin contexts
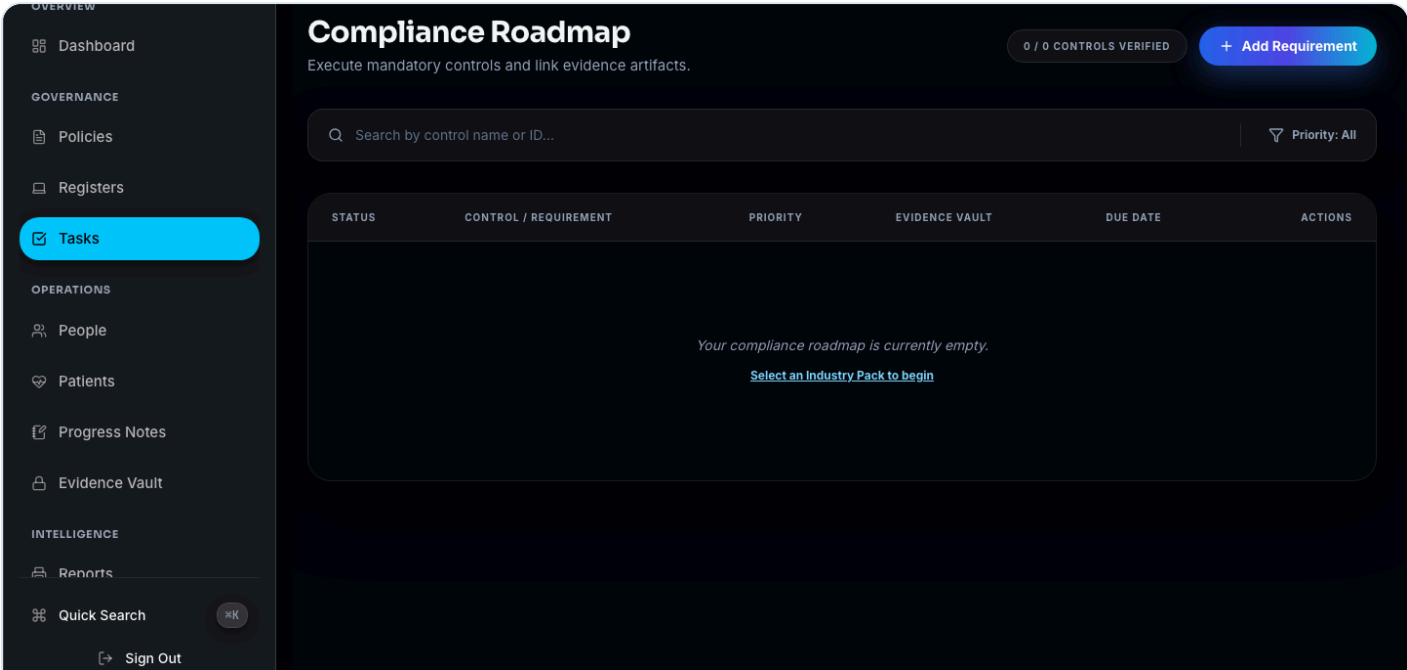
Screenshot evidence: compliance roadmap/task execution surface. Source: `public/marketing/screenshots/tasks.png`

Governance Capability Matrix

MODULE	ROUTES	CORE VALUE	STATUS
Policy Library	`/app/policies*`	Create/edit/version governance policies	LIVE
Compliance Roadmap	`/app/tasks`	Control execution, assignment, due-date management	LIVE
Evidence Vault	`/app/vault`	Artifact repository with verification lifecycle	LIVE
Verification Queue	`/app/vault/review`	Review + decision workflow for pending evidence	LIVE
Audit / History	`/app/audit, /app/history`	Traceable governance event stream	LIVE
Governance Packs	`/app/governance`	Export bundles for audits and procurement	GATED

Evidence Vault surface
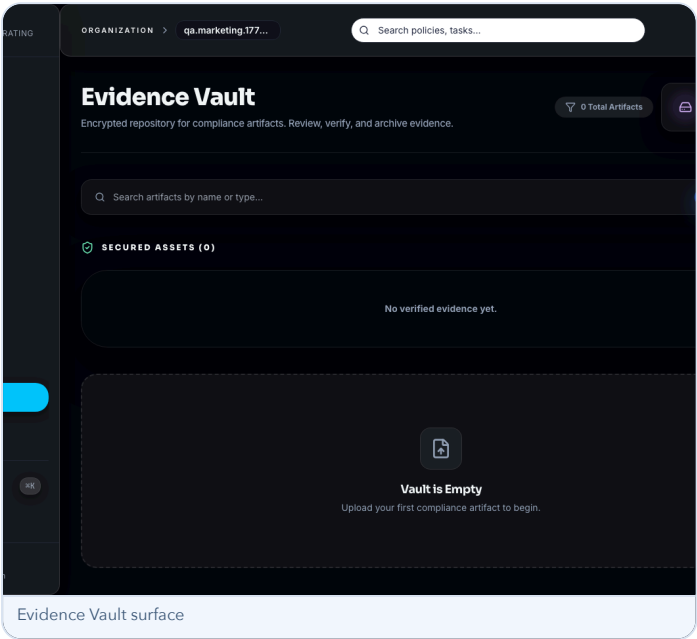
Execution Loop (Installed)

- Policy defines obligation
- Task operationalizes obligation
- Evidence proves completion
- Audit trail records non-repudiable history
- Reports package readiness posture

> This loop is the core OS value proposition: converting static compliance requirements into tracked operational workflows.

Care Workflow Surfaces Installed

SURFACE	ROUTES	OPERATIONAL PURPOSE	STATUS
Participants/Patients	`/app/participants, /app/patients`	Record management with risk/emergency metadata	LIVE
Patient Detail	`/app/patients/[id]`	Single-pane view of notes/tasks/incidents/shifts/evidence	LIVE
Visits/Appointments	`/app/visits*`	Service delivery scheduling and status tracking	LIVE
Progress Notes	`/app/progress-notes`	Care updates, tags, sign-off workflow	LIVE
Incidents	`/app/incidents*`	Incident reporting, severity tracking, follow-up	LIVE
Staff Compliance	`/app/staff-compliance*`	Credential and expiry management	LIVE
Staff Field Ops	`/app/staff`	Role-specific caseload and shift workflow	ROLE-GATED

> Industry adaptation is active: labels and menu structure shift by organization industry (e.g., participant vs patient vs resident language).

Screenshot evidence: operations menu includes People, Patients, Progress Notes, Evidence Vault, and Reports paths.

Intelligence Surfaces

Executive Posture

- Risk heatmaps and framework rollups
- Automation reliability indicators
- Critical control and deadline pressure
- Prioritized action queue generation

Route: /app/executive

Reports Center

- ISO 27001 snapshot scoring and gaps
- SOC2/ISO/NDIS/HIPAA export links
- Trust packet generation flow
- Compliance blockers before export

Route: /app/reports

BUNDLE	INTENT	DELIVERY	STATUS
14-Day Proof Packet	Procurement readiness package	ZIP + signed download token	GATED
Monthly Executive Pack	Board/governance reporting cadence	Export job + downloadable archive	GATED
Audit-Ready Bundle	Auditor handover package	Structured export archive	GATED

Screenshot evidence: reports center with framework posture panel and audit bundle generation. Source: public/marketing/screenshots/reports.png

Installed Security Control Areas

CONTROL	SURFACE	PURPOSE	STATUS
MFA	`/app/settings/security + /api/security/mfa/*`	Second-factor enrollment and enforcement	LIVE
SAML SSO	`/app/settings/security + /api/sso/saml/*`	Enterprise identity federation	CONTEXT-GATED
Middleware Route Guarding	`middleware.ts`	Auth/path safety and callback handling	LIVE
RLS-Based Tenant Isolation	`Supabase org-level query model`	Cross-organization data separation	LIVE
Security Logging	`/api/security/log + admin security streams`	Operational visibility and incident handling	LIVE
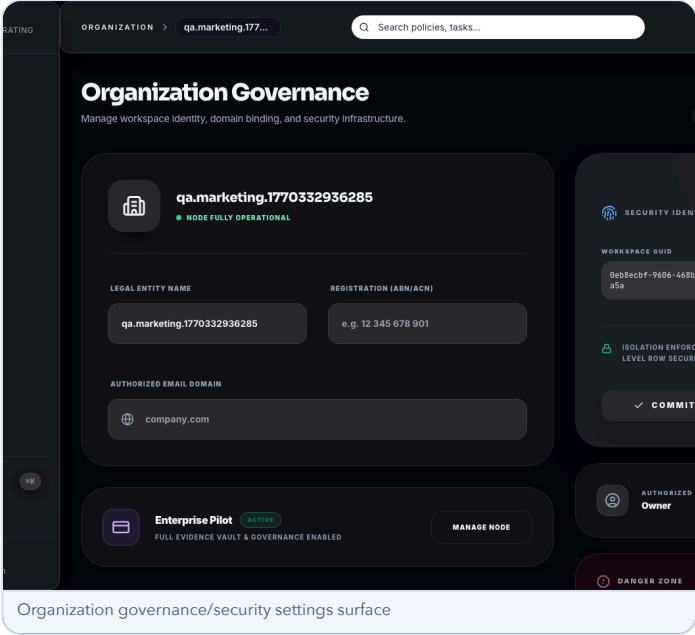
Organization governance/security settings surface

Authentication gate entry used for protected surfaces

Access Decision Sequence

1) User authentication validated.

2) Organization membership and role resolved.

3) Plan tier loaded (trial/basic/pro/enterprise).

4) Entitlement overrides applied per org.

5) Module state computed (active/restricted/locked).

6) Route/action checks enforce final behavior.

Access Matrix Summary

DIMENSION	EXAMPLES	OBSERVED EFFECT
Role	owner, admin, member, viewer, staff	Controls major surfaces and action permissions
Plan	trial/basic/pro/enterprise	Enables or withholds module families
Entitlement	audit_export, framework_evaluations, team_limit	Can disable features even when route exists
Compliance Blocks	unresolved required controls	Prevents export and trust packet actions

Important: in FormaOS, route presence does not guarantee effective access. Access is runtime-composed from role + plan + entitlement + compliance state.

Role-aware rendering evidence: dashboard view and menu structure are generated from access context.

Founder Console Areas

AREA	ROUTES	OPERATIONAL OUTCOME
Overview/Revenue	`/admin/dashboard, /admin/revenue`	Cross-tenant performance and risk awareness
Users/Organizations	`/admin/users, /admin/orgs`	Identity and tenant lifecycle intervention
Billing/Trials	`/admin/billing, /admin/trials`	Subscription and conversion operations
Security/Triage	`/admin/security, /admin/security/triage`	Incident queue ownership and routing
System/Audit/Releases	`/admin/system, /admin/audit, /admin/releases`	Reliability governance and change transparency

API Surface Highlights (92 Endpoints)

`/api/admin/*` for platform operator functions

`/api/auth/*` for signup/session/password flows

`/api/system-state` for app hydration and context

`/api/security/*` and `/api/sso/*` for security/identity

`/api/reports/*`, `/api/trust-packet/*`, and export job endpoints

`/api/executive/*`, `/api/intelligence/*`, `/api/v1/*` for analytics and integrations

Screenshot evidence: admin/operator surfaces remain protected behind authenticated access.

Maturity Assessment

CATEGORY	ASSESSMENT	EVIDENCE
Governance Core	PRODUCTION-CAPABLE	Policies/tasks/vault/audit workflow is coherent and implemented
Care Operations	PRODUCTION-CAPABLE	Participants, visits, progress notes, incidents, and staff compliance are active
Security + Identity	PRODUCTION WITH GATING	MFA/SSO and route protections are implemented with context checks
Exports + Trust	PRODUCTION WITH PREREQUISITES	Export generation exists, blocked by compliance/entitlement where required
Certificates + Care Plans	IN PROGRESS	Routes exist with explicit "Coming Soon" UX

Key Notes for Stakeholders

- FormaOS is not just a document vault; it is an operational compliance execution system.
- The founder admin console is a real platform-ops layer, not a simple settings page.
- Access behavior should be interpreted through runtime context, not route inventory alone.
- Most high-value workflows are already installed and visible; remaining gaps are explicit and bounded.

Appendix: Files Reviewed

```
app/app/**/page.tsx
app/admin/**/page.tsx
app/api/**/route.ts
lib/system-state/server.ts
lib/roles.ts
lib/navigation/industry-sidebar.ts
components/sidebar.tsx
components/command-palette/CommandPalette.tsx
middleware.ts
```

Final statement: FormaOS currently presents a mature OS baseline for compliance operations, with clear governance depth, operational workflows, and platform controls.