



Industrial Inspection & Integrity Management

The end-to-end digital platform for inspection teams - from field data capture to signed-off PDF report.



A single cloud-native platform built for industrial inspection teams.

Ormin replaces paper forms, disconnected spreadsheets, and static PDF templates with one cloudnative platform built specifically for the oil & gas, petrochemical, and infrastructure inspection sectors. Multi-tenant, mobile-first, and AI-assisted — Ormin serves entire inspection organizations while keeping every client's data completely isolated.

CORE CAPABILITIES



Dynamic Form Builder

- 20+ field types: text, number, date, dropdown, radio, checkbox, yes/no, toggle bar
- Rich media: photo capture, image annotation, voice recorder, digital signature
- Inspection-specific: checklists, measurement grids, ultrasonic thickness tables
- Nested sub-forms — embed reusable NCR, coating, or lining sections in any form
- Conditional visibility & styling, calculated fields, validation rules
- Export / import forms as JSON to share layouts across clients



Automated PDF Reports

- One-click generation of polished, client-branded inspection reports
- Configurable per-company: primary/secondary colours, logo, fonts
- Multi-page layout with page breaks, repeated headers, and row grouping
- Renders all field types: grids, checklists, images, sub-forms, signatures
- Supports V1 (API 510/570), V2 (grid layout), and V3 (ultrasonic thickness) templates
- Optional external PDF merge — attach third-party reports alongside output



Task Lifecycle Management

- Tasks link a form layout, project, company, and assigned inspector
- Full status lifecycle: Not Started → In Progress → Submitted → In Approval → Completed
- Rejection & resubmission flows with inline reviewer comments
- Configurable multi-stage approval workflows with perstage approvers
- Offline-capable data entry — syncs automatically when signal is restored
- Face verification enforcement for identity-confirmed field submissions



AI-Powered KPI Dashboard

- Describe a metric in plain English — the agent reads your form definitions and builds it
- KPI Library: save, name, and reuse cards; refine through natural conversation
- Chart types: stat cards, bar charts, grouped breakdowns (top-20 + 'Other' cap)
- Scoped filtering: KPIs respect project, company, form layout, and status filters
- Drag-and-drop Dashboard Layout Builder — arrange cards in a custom grid per client
- Static dashboard: task status trends, approval rates, submission volumes



Administration, intelligence & security.

Multi-Tenant Administration

- Manage unlimited clients, each fully isolated
- Company & project hierarchy within each client
- Roles: Client Admin, Task Manager, Performer, Approver
- Per-project role & workflow stage assignments
- Standard Option Lists — centrally maintained dropdowns
- Custom Calculations — formula fields powered by AI
- User invitation flow with email onboarding
- Trial & seat limits enforced platform-wide
- Subscription management via Stripe (Starter / Pro / Enterprise)

Security & Compliance

- Client-isolated data — zero cross-client leakage
- Row-level access enforced on all entities
- Private file storage with time limited signed URLs
- Role-based auth guards on all backend endpoints
- Face verification for submission identity assurance
- External signature workflow — third-party sign-off via email link
- Full audit logging on all critical operations
- Rate limiting on AI & compute intensive functions
- Automatic archival of deleted task audit trails

Mobile & Field-Ready

- Mobile-first UI — optimized for tablets & phones
- Offline data entry — full form completion without signal
- Auto-sync on reconnect — no data loss
- Native iOS wrapper with safe area support
- Pull-to-refresh with optimistic UI updates
- Voice recorder fields for handsfree note dictation
- In-field photo capture with perimage captions
- Media ZIP export — download all task images at once
- Excel export — full task data to spreadsheet

SUPPORTED FIELD TYPES

Text / Textarea	Number	Numeric Range	Date / Time	Dropdown
Lookahead Dropdown	Multi-Select	Radio	Togglebar	Checkbox
Yes / No	Image Capture	Image Select	Signature	Voice Recorder
Label	Inspection Checklist	Inspection Grid	Subform Embed	



AI that understands your inspection data.

AI Capabilities

Capability	What It Does	How It Works
KPI Builder	Generates executable dashboard metrics from plain-English descriptions	Reads your live form definitions & field labels to build scoped queries
Form Generator	Drafts a complete inspection form layout from a text prompt or uploaded PDF	AI analyses document structure and maps fields to Ormin field types automatically
Calculation Builder	Writes custom field formulas (corrosion rate, allowable stress, remaining life)	AI generates and validates JavaScript calculation logic against your field schema
Task Assistant	Conversational AI for task queries, approvals, and reassignments	Role-aware agent — enforces access boundaries before any data operation

INDUSTRY & USE CASES

Industry	Inspection Standards	Typical Use Cases
Oil & Gas	API 510, API 570, API 653	Pressure vessel, piping & aboveground storage tank inspections
Petrochemical	ASME, NACE, ISO 9712	Corrosion monitoring, UT thickness trending, coating inspection
Infrastructure	ASNT, AWS D1.1	NDT task management, weld inspection, mechanical integrity programs
Inspection Firms	Multi-standard	Multi-client firm management, standardised report delivery, audit trails