



Quality records. One proof system.

A pre-build Neodrics product concept for a multi-tenant GxP SaaS quality platform for pharmaceutical manufacturers.

PRE-BUILD DOCUMENTATION

20 MODULES

10 CORE ENGINES



NEO ASSURE

QUALITY YOU CAN TRUST

A Neodrics product identity built from the recorded NeoAssure documentation and the Neodrics brand system.

The quality operating system for pharmaceutical manufacturers.

NeoAssure is documented as a multi-tenant GxP SaaS platform. It brings document control, QMS records, training, logbooks, audits, supplier quality, equipment, risk, review, licences, portals, complaints, recalls, warehouse and lot traceability, batch records, QC lab, validation, stability, environmental monitoring, PV intake/E2B and serialization onto one platform.

01 - CORE RECORDS

One controlled operating layer

Phase 1 is frozen around DMS, deviations/CAPA/change control, training, digital logbooks and audit-lite, plus Schedule M Starter Pack content.

02 - SHARED ENGINES

Ten engines beneath modules

Tenancy, identity, audit trail, e-signature, workflow, notifications, files, reporting, configuration and AI assist are shared instead of rebuilt per module.

03 - PROOF LEDGER

Tamper-evident evidence

The documented architecture uses a hash-chained audit trail and daily anchoring to S3 Object Lock with RFC 3161 timestamps.

04 - SOURCE STATUS

Pre-build, not live software

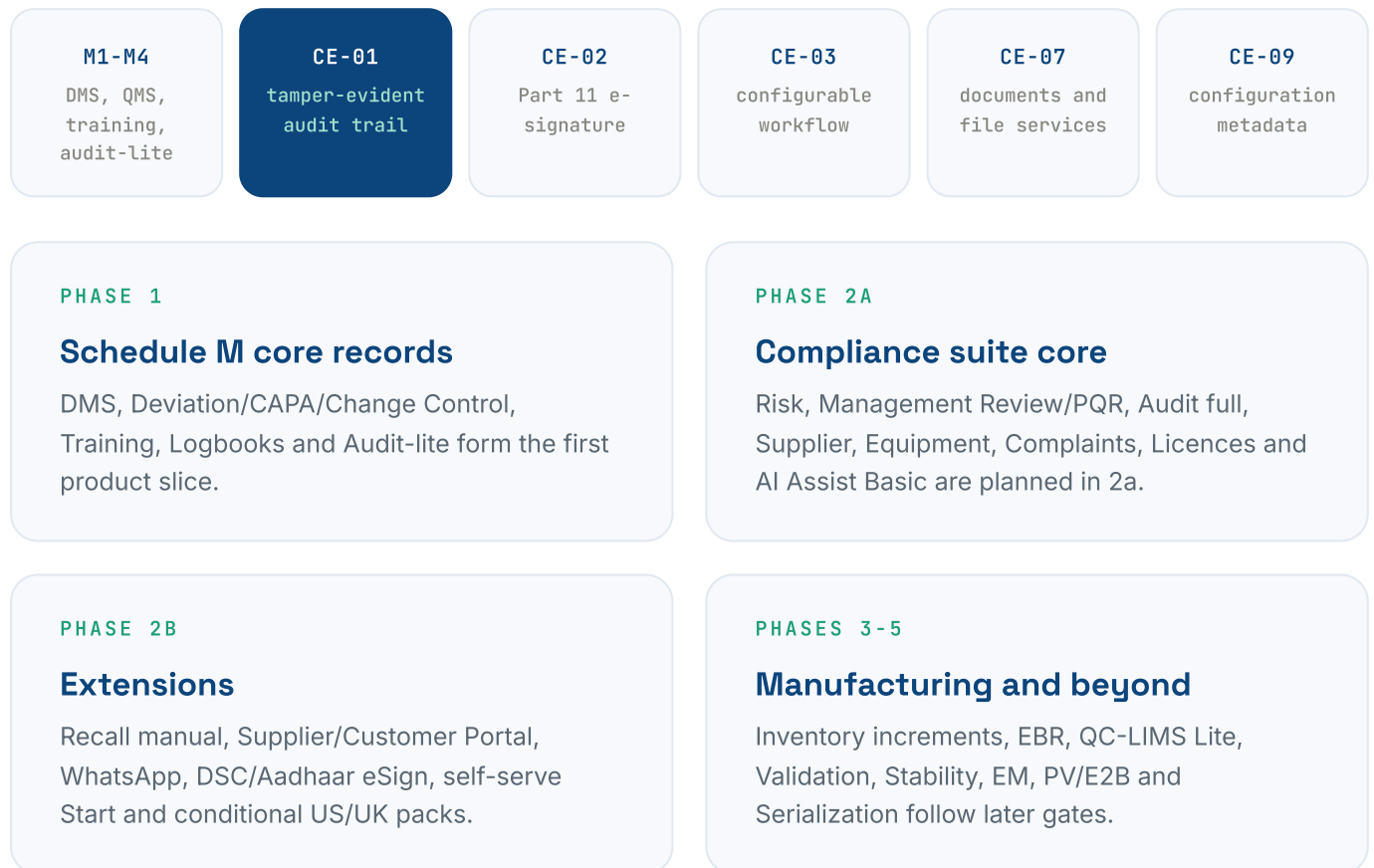
The repository states that NeoAssure is in pre-build design and documentation, with Phase 0 Foundation starting October 2026 and no application code yet.

20MODULES
DOCUMENTED**21**CATALOGUE
ENTRIES**10**SHARED CORE
ENGINES**0**APPLICATION CODE
YET

Counts and status are taken from the NeoAssure README and controlled documentation index.

One module catalogue. Shared compliance services.

The catalogue groups the system into business modules and cross-cutting capabilities. Every module inherits audit trail, e-signature, workflow, notifications, reporting, custom fields, attachments, comments, API/webhooks, export and AI Assist hooks.



Roadmap sequencing is provisional until the recorded founder and gate decisions clear. Do not present future phases as already available.

Designed as a modular monolith **with regulated-data controls.**

The documented architecture uses FastAPI, SQLAlchemy, PostgreSQL, Keycloak, PyCasbin with row-level security, and a React frontend. Quality records, files, backups and search index are stored and processed in India; generative AI is off by default.

Backend

FASTAPI | SQLALCHEMY |
MODULAR MONOLITH

Data Platform

POSTGRESQL | AUDIT
LEDGER | JOB QUEUE

Identity

KEYCLOAK | MFA | STEP-
UP SIGNING

Frontend

REACT | SHADCN/UI |
STATIC SPA PROPOSED

TENANT ISOLATION

RLS-backed access model

Tenant isolation is documented with row-level security and signed session identity, rather than request-supplied tenant identity.

PROOF LEDGER

Hash-chained events

Audit events are chained and anchored to WORM storage, with a verifier planned as part of the evidence model.

REGION MODEL

AWS India cell first

Mumbai primary and Hyderabad DR are documented for the India cell. US/UK cells are conditional Phase 2b work.

AI ASSIST

Human-in-the-loop

AI generation is off by default and enabled only by customer instruction; no AI feature is in G1a scope.

Shop-floor-first UX. GxP meaning as text.

The design system sets rules for controlled status, signature dialogs, reason-for-change prompts, audit history, inspection view, density modes, accessible iconography and Hindi operator screens in Phase 1.

STATUS SEMANTICS

Text, icon and token together

Status, signature state, reason and language are always rendered as text; colour and icons only reinforce the meaning.

SHOP FLOOR

Gloved operator targets

Shop-floor mode uses larger touch targets, visible labels, high contrast and no gesture-only actions.

SIGNATURES

Meaning before step-up

Signature dialogs show meaning, signer, record, version, content hash, attestation and time-bound step-up behaviour.

LANGUAGE

English plus Hindi phasing

Phase 1 translates operator screens; full Hindi UI arrives later. Approved translations remain controlled records.

Design rule from the docs: colour never carries meaning alone, and an icon-only shop-floor action is not enough.

Draft identity. Controlled claims.

This pack intentionally mirrors the Neodrics design language while staying inside the current NeoAssure source documents.

TRADEMARK GATE

No brand spend yet

The README says no brand spend until the new name clears trademark search and B1 confirms the name.

CLAIMS REVIEW

External use needs review

The executive summary records counsel and QA review for external marketing, plan-name and regulatory claims.

STATUS CLARITY

Pre-build means pre-build

Do not imply live customers, production deployment, measured uptime, certifications or completed application code.

PARENT BRAND

A Neodrics product

Use the parent line with current Neodrics contact details: neodrics.com and info@neodrics.com.

- neodrics.com
- NeoAssure | Quality You Can Trust

- info@neodrics.com
- Draft review pack | September 2026

Keep every claim traceable.

USE ONLY SOURCE-CLEARED CONTENT FOR EXTERNAL MATERIAL

NEODRICS