

Software Dark Factory

V0 Assisted Repo Readiness Assessment - Sample Report

For teams preparing to adopt AI/agentive delivery without losing control of evidence, CI, review, and governance.

Sample status: illustrative example based on the V0 report contract. This is not a live assessment of a customer repo. It shows what the customer deliverable can look like after manual intake and operator-led review.

Assessment outcome	Maturity state	Primary risk	Recommended next step
Conditionally ready	Assisted-ready	Governance drift / evidence gaps	2-week factoryization sprint

1. Executive summary

The example application shows good baseline engineering discipline: conventional Rails structure, automated tests, linting, security checks, and a pull request review workflow. That makes it a strong candidate for an assisted governance/factoryization path rather than a full rescue engagement.

The main blockers are not code quality in isolation. They are operating-model gaps: unclear evidence expectations, no standard agent work intake, no mandatory run log, no explicit receiver-owned governance checks, and no drift/recovery process if required checks or review rules change.

Recommendation: proceed with a small, reviewed factoryization slice that adds a governed front door for agentive work, defines evidence requirements, maps receiver-owned checks, and produces a first governed PR using the customer repo own CI as the authority.

2. Repo context reviewed

Item	Sample finding
Example repo	ExampleCo Rails Platform - fictional sample for demonstration
Stack	Ruby on Rails monolith, PostgreSQL, automated test surface
Signals reviewed	README, CI config, test/lint/security commands, PR shape, deployment notes, repo conventions
Intake source	Customer supplied notes + assisted operator review
Assessment mode	Manual / assisted. No self-serve scanning or repo mutation.
Confidence	Medium-high for readiness shape; final confidence depends on actual repo access and CI evidence.

3. Governance readiness snapshot

Area	Observed signal	Readiness	Interpretation
Tests / CI	Automated test suite and CI workflow present	Strong	Good foundation for receiver-owned verification.
Lint / security	Linting and security checks present	Strong	Can be included in governed PR evidence.
PR discipline	Review exists but evidence format varies	Partial	Needs standard prompt/run/evidence sections.
Agent intake	No dedicated governed front door	Gap	Agent work may enter as normal ad hoc tickets/PRs.
Drift handling	No explicit drift/recovery process	Gap	Required checks may change without governance awareness.
Customer authority	Existing CI and reviewers remain authoritative	Good	Supports low-risk factoryization path.

4. Blocker classification

Blocker	Severity	Why it matters	Owner	Recommended action
No governed agent intake	High	AI work can bypass evidence and review norms.	Receiver + operator	Add lightweight front-door contract and PR template.
Evidence not standardized	Medium	Reviewers cannot quickly judge intent, scope, risks, and verification.	Receiver	Require prompt/run log, acceptance criteria, verification, and handoff notes.
Required checks not mapped to governance claims	Medium	Check names alone are not enough; source/app identity matters.	Operator	Map CI checks and document which ones are authoritative.
No drift/recovery loop	Medium	Governance can silently weaken as branch protection or CI changes.	Operator first, receiver later	Introduce read-only drift status and recovery checklist.

5. Maturity state

Current sample state: Assisted-ready. The repo has enough engineering discipline to support a manual factoryization path, but it is not yet receiver-enforced or self-serve ready.

State	Description	Sample finding
Ad hoc AI usage	AI assists developers but governance is informal.	Past or current risk.
Assisted-ready	Repo has enough CI/review discipline for operator-led governance setup.	Current sample state.
Factoryized	Governed front door, PR evidence, and receiver-owned checks are present.	Recommended next milestone.
Receiver-enforced	Receiver CI/settings can block non-compliant work.	Future customer claim only after proof.
Hosted/self-serve	Customer onboarding, hosted control, monitoring, and repair workflows exist.	Not currently claimed.

6. Implementation-ready next steps

Step	Action	Output
1	Confirm assessment evidence	Collect repo access mode, CI commands, current PR template, branch protection screenshots or read-only evidence.
2	Define governed front door	Agree what counts as agentic work, required prompt/run/evidence sections, and reviewer expectations.
3	Map authoritative checks	Identify tests, lint, security, and any custom checks that remain under receiver control.
4	Open first factoryization PR	Docs/config/template-only first slice. No silent repo mutation.
5	Run first governed PR	Use a small real change to prove the workflow: prompt in, evidence captured, CI green, reviewer handoff clear.