

PRISM D1 Velocity Assessment

AI-Assisted Development Lifecycle Maturity Report

Customer	Vectrix AI	Team Size	28 engineers
Funding Stage	Series C	Assessment Date	2026-04-05
Solutions Architect	Marcus Chen	Repository	github.com/vectrix-ai/vx-platform

Executive Summary



PRISM D1 Level 3.5

Integrated — Eval gates active, AI embedded in SDLC

Ready For Pilot

Vectrix AI is a Series C startup with 28 engineers, currently assessed at **PRISM D1 Level 3.5** (Integrated). The automated scanner scored 71/100 and the SA interview scored 71/100, with an org readiness score of 20/20, producing a blended score of 76.8. The assessment verdict is **Ready For Pilot**, routing Vectrix AI to **Track C: Accelerated**.

71

/ 100

Scanner Score (40%)

71

/ 100

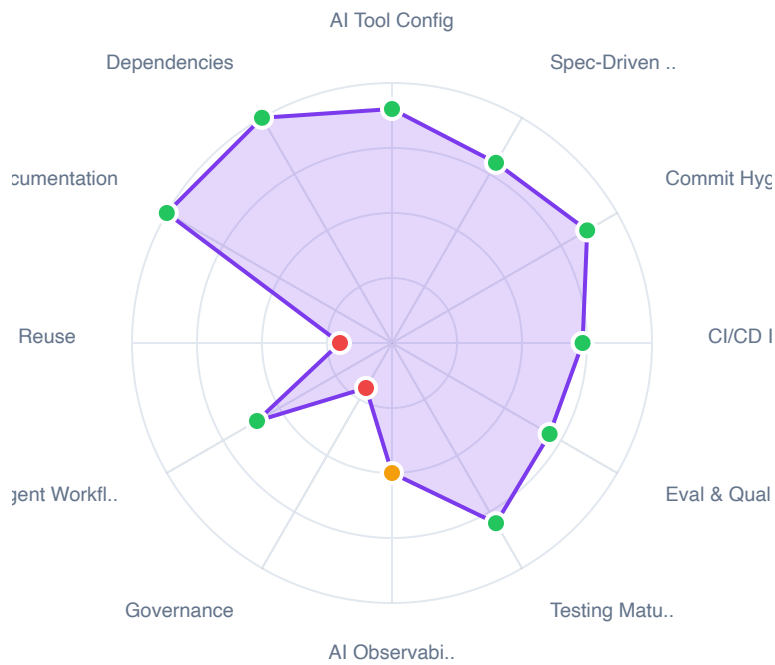
Interview Score (40%)

20

/ 20

Org Readiness (20%)

Scanner Category Breakdown



CATEGORY	SCORE	PROGRESS	STATUS
AI Tool Config	9 / 10		90%
Spec-Driven Dev	8 / 10		80%
Commit Hygiene	13 / 15		86%
CI/CD Integration	11 / 15		73%
Eval & Quality	7 / 10		70%
Testing Maturity	8 / 10		80%
AI Observability	5 / 10		50%
Governance	1 / 5		20%
Agent Workflows	3 / 5		60%
Platform Reuse	1 / 5		20%

CATEGORY	SCORE	PROGRESS	STATUS
Documentation	3 / 3		100%

Dependencies	2 / 2		100%
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Interview Assessment

SECTION	SCORE	STATUS
AI Tooling Landscape - Claude Code deployed via Bedrock across all 5 squads with standardized configuration - CLAUDE.md in every repository, reviewed quarterly - Kiro IDE is the default IDE for 24 of 28 engineers - Custom Claude Code extensions for internal tooling built by platform team	14 / 15	93%
Development Workflow & Specs - Feature specs mandatory for all new work; enforced via PR template - Bug fix and refactor specs adopted by 3 of 5 squads - Spec quality varies -- some are too brief, missing acceptance criteria - Automated spec-to-PR linking in place via GitHub Actions	16 / 20	80%
CI/CD & Quality - GitHub Actions with comprehensive lint, test, build, and security scan steps - Basic eval gate exists but uses threshold of 0 (everything passes) - Test coverage at 81%, well above average - Bedrock Evaluation integration started but not yet gating PRs	15 / 20	75%
Metrics & Visibility - Custom Datadog dashboard tracks commit volumes and deployment frequency - AI-origin trailer data collected but not visualized - No AI acceptance rate or cost-per-commit metrics - Engineering VP reviews velocity metrics weekly but not AI-specific ones	8 / 15	53%
Governance & Security - SOC 2 compliant: strong data handling for production systems - AI governance policy is informal and undocumented - No agent autonomy levels defined -- all engineers have full access - Security review of AI-generated code relies solely on human PR review - No cost controls on Bedrock usage	5 / 15	33%
Org & Culture - CTO leads AI adoption strategy personally - Two dedicated platform engineers focused on developer tooling - Monthly internal AI showcase with cross-team presentations - New hire onboarding includes AI tooling training module	13 / 15	86%

Organizational Readiness

- ✓ Executive Sponsor Identified
- ✓ Dedicated AI Champion
- ✓ Team Willingness
- ✓ Budget Approved
- ✓ Timeline Commitment

Org readiness score: **20/20**

Top Strengths

1. **Documentation:** 3/3 (100%)
2. **Dependencies:** 2/2 (100%)
3. **AI Tool Config:** 9/10 (90%)

Gap Analysis & Remediation

PRIORITY	CATEGORY	SCORE	RECOMMENDED ACTION
#1	Governance (scanner)	1/5 (20%)	Create an AI usage governance charter. Define approval workflows for agent autonomy levels. Document data handling policies.
#2	Platform Reuse (scanner)	1/5 (20%)	Audit for reusable AI components. Create a shared prompt library. Establish a pattern catalog for common AI-assisted tasks.
#3	Governance & Security (interview)	5/15 (33%)	Draft an AI governance charter. Address data residency and PII concerns. Define security review requirements for AI-generated code.

Onboarding Recommendation

Track C: Accelerated

Workshop Modules

	ID	MODULE	RATIONALE
✕	M00	Environment Setup	Already have a working setup
✕	M01	CLAUDE.md & Standards	Already adopted standards
✕	M02	Spec-Driven Development	Already practicing spec-driven dev
✓	M03	CI/CD & Eval Gates	Close eval and quality gaps
✓	M04	Metrics & Dashboards	Deploy advanced observability
✓	M05	Governance & Scaling	Formalize governance for scale

Success Metrics

METRIC	TARGET	MEASURE BY
Top-3 gap category scores	50%+ improvement	Week 4
PRISM D1 level	Reach L3.5+	Week 8
Governance model	Documented and adopted	Week 2
Advanced dashboards	Live with trend data	Week 4

90-Day Roadmap

Timeline	Milestone	Measurable Outcome
Week 1	Gap remediation started	Top-3 gaps have action plans in progress
Week 2	Advanced dashboards deployed	Custom views live with trend analysis
Week 4	Midpoint checkpoint passed	Top-3 gaps improved 50%+
Week 8	L3.5+ achieved, pilot complete	Re-assessment confirms L3.5+
Week 12	L4 transition ready	Track D architecture review scheduled

SA Engagement Cadence

Week	Type	Duration	Agenda
Week -1	Async prep	15 min (Slack)	Share gap analysis, confirm workshop focus areas
Week 0	Targeted workshop	2 hr	Deliver Modules 03-05 with gap-specific exercises
Week 2	Video call	30 min	Verify gap remediation progress, review dashboards
Week 4	Checkpoint call	45 min	Midpoint review, gap score improvements, adjust plan
Week 8	Pilot readout call	1 hr	Final readout, L3.5+ confirmation, L4 transition plan