

PRISM D1 Velocity Assessment

AI-Assisted Development Lifecycle Maturity Report

Customer	NovaPay	Team Size	6 engineers
Funding Stage	Series A	Assessment Date	2026-04-10
Solutions Architect	Jordan Mitchell	Repository	github.com/novapay/nova-core

Executive Summary



PRISM D1 Level 1.5

Experimental — Ad hoc AI use, no shared standards

Needs Foundations

NovaPay is a Series A startup with 6 engineers, currently assessed at **PRISM D1 Level 1.5** (Experimental). The automated scanner scored 19/100 and the SA interview scored 28/100, with an org readiness score of 12/20, producing a blended score of 30.8. The assessment verdict is **Needs Foundations**, routing NovaPay to **Track A: Foundations**.

19

/ 100

Scanner Score (40%)

28

/ 100

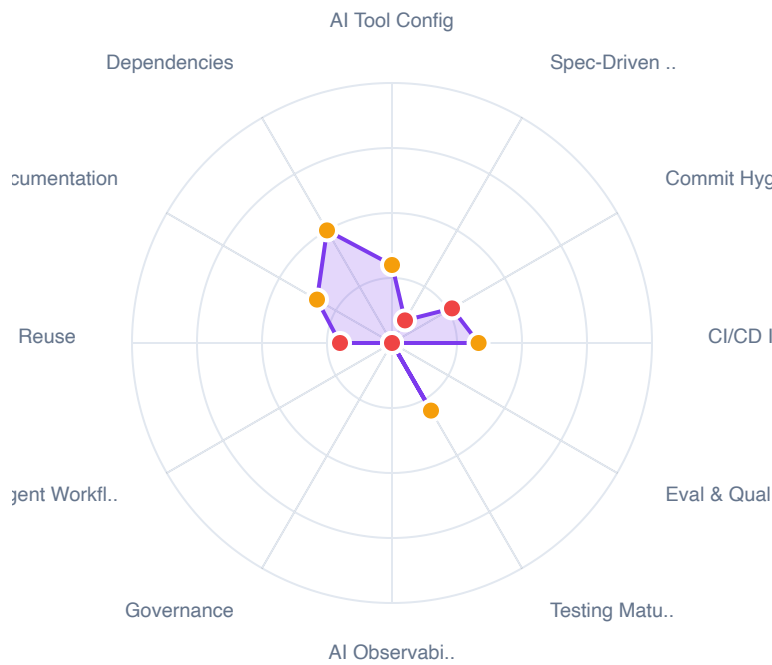
Interview Score (40%)

12

/ 20

Org Readiness (20%)

Scanner Category Breakdown



CATEGORY	SCORE	PROGRESS	STATUS
AI Tool Config	3 / 10		● 30%
Spec-Driven Dev	1 / 10		● 10%
Commit Hygiene	4 / 15		● 26%
CI/CD Integration	5 / 15		● 33%
Eval & Quality	0 / 10		● 0%
Testing Maturity	3 / 10		● 30%
AI Observability	0 / 10		● 0%
Governance	0 / 5		● 0%
Agent Workflows	0 / 5		● 0%
Platform Reuse	1 / 5		● 20%

CATEGORY	SCORE	PROGRESS	STATUS
Documentation	1 / 3		33%
Dependencies	1 / 2		50%

Interview Assessment

SECTION	SCORE	STATUS
AI Tooling Landscape - Three developers use Claude Code but with personal configurations - No CLAUDE.md or shared AI tool configuration - Two developers still using ChatGPT copy-paste workflow - No Kiro IDE adoption	6 / 15	40%
Development Workflow & Specs - No spec-driven development practice in place - AI prompts are ad-hoc, not documented or reused - Feature requirements exist in Jira but are not formatted as AI specs - Team lead expressed strong interest in structured AI workflows	3 / 20	15%
CI/CD & Quality - GitHub Actions pipeline exists with basic lint and test steps - No eval gates or AI-specific quality checks - Test coverage at 42%, below industry average - No differentiation between AI-generated and human-written code in CI	8 / 20	40%
Metrics & Visibility - No AI-specific metrics tracked at all - No dashboard or executive visibility into AI usage - Cannot distinguish AI-assisted commits from manual ones - Team lead estimates 30-40% of code is AI-assisted but has no data	1 / 15	6%
Governance & Security - No formal AI usage policy - No data handling guidelines for AI tools - PII occasionally passed to AI tools without awareness - No approval process for new AI tool adoption	2 / 15	13%
Org & Culture - CTO is enthusiastic about AI-assisted development - Most developers are eager to adopt structured AI workflows - One developer is resistant but open to evidence-based persuasion - Small team size makes adoption changes easier	8 / 15	53%

Organizational Readiness

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

Org readiness score: **12/20**

Top Strengths

1. **Dependencies:** 1/2 (50%)
2. **CI/CD Integration:** 5/15 (33%)
3. **Documentation:** 1/3 (33%)

Gap Analysis & Remediation

Priority	Category	Score	Recommended Action
#1	Eval & Quality (scanner)	0/10 (0%)	Define quality rubrics for AI-generated code. Implement automated scoring. Establish minimum acceptance thresholds.
#2	AI Observability (scanner)	0/10 (0%)	Deploy the EventBridge-Timestream metrics pipeline. Enable token tracking, cost attribution, and latency monitoring.
#3	Governance (scanner)	0/5 (0%)	Create an AI usage governance charter. Define approval workflows for agent autonomy levels. Document data handling policies.

Onboarding Recommendation

Track A: Foundations

Workshop Modules

	ID	MODULE	RATIONALE
✓	M00	Environment Setup	Foundation for everything else
✓	M01	CLAUDE.md & Standards	Standardize AI tool configuration
✓	M02	Spec-Driven Development	Introduce structured AI workflows
✗	M03	CI/CD & Eval Gates	Too early -- no baseline to gate against
✗	M04	Metrics & Dashboards	Too early -- need data flowing first
✗	M05	Governance & Scaling	Too early -- need adoption first

Success Metrics

METRIC	TARGET	MEASURE BY
AI-origin commit trailers	30%+ of commits	2 weeks post-workshop
CLAUDE.md deployment	100% of active repos	1 week post-workshop
Spec adoption	2+ specs per developer	2 weeks post-workshop
Team tool satisfaction	7+ NPS score	2 weeks post-workshop

90-Day Roadmap

TIMELINE	MILESTONE	MEASURABLE OUTCOME
Week 1	CLAUDE.md deployed, hooks active	100% of repos have CLAUDE.md
Week 2	First spec-driven features completed	2+ features built via spec workflow
Week 3	Commit trailer adoption steady	30%+ of commits have AI-origin trailers
Week 4	Re-assessment complete	Scanner re-run, L2.0+ achieved for Track B upgrade
Week 8	Track B started or extended coaching	Full workshop scheduled or coaching plan in place
Week 12	L2.5+ achieved	Blended assessment score confirms L2.5+

SA Engagement Cadence

WEEK	TYPE	DURATION	AGENDA
Week -2	Pre-work kick-off call	30 min	Walk through pre-work checklist, answer setup questions, confirm workshop date
Week 0	Workshop delivery	4 hr	Deliver Modules 00-02, hands-on exercises, first spec-driven build
Week 1	Async check-in	15 min (Slack)	Review commit trailer adoption rates, troubleshoot blockers
Week 2	Video call	30 min	Review first 2-week metrics, adjust approach if needed
Week 4	Re-assessment session	1 hr	Re-run scanner, conduct brief interview, determine Track B readiness