

# Brunelly. AI-Native Software Delivery Platform

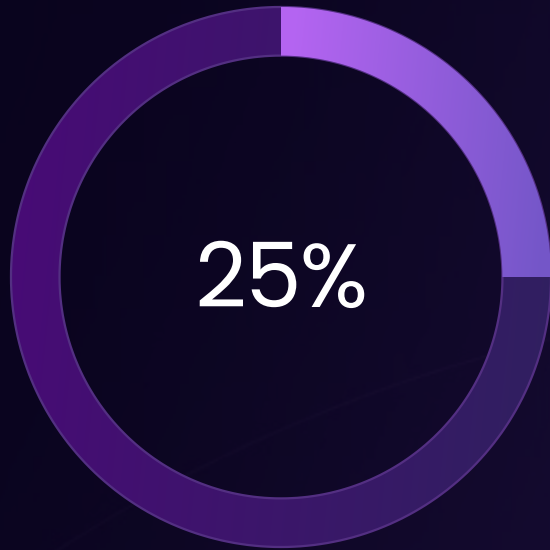
From Idea to Production.

Fully Orchestrated with AI Intelligence



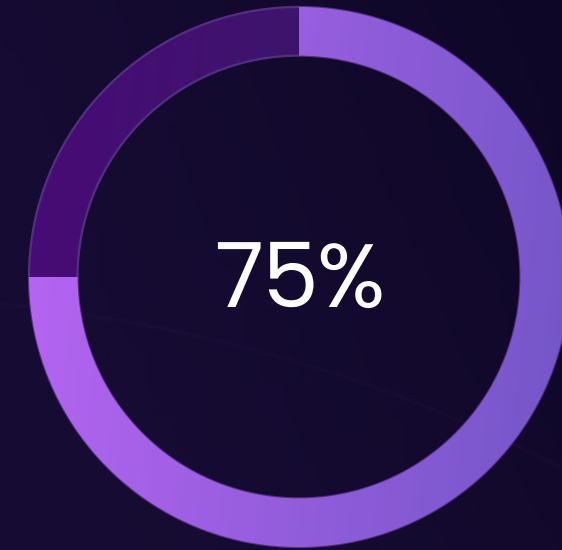
# The Enterprise Reality

AI coding tools improved writing code. They did not fix software delivery.



Code Writing

Only a fraction of the SDLC



Planning & Coordination

Requirements, refinement, review, testing

## Tool Sprawl Creates Chaos

Context switching and inefficiency plague teams

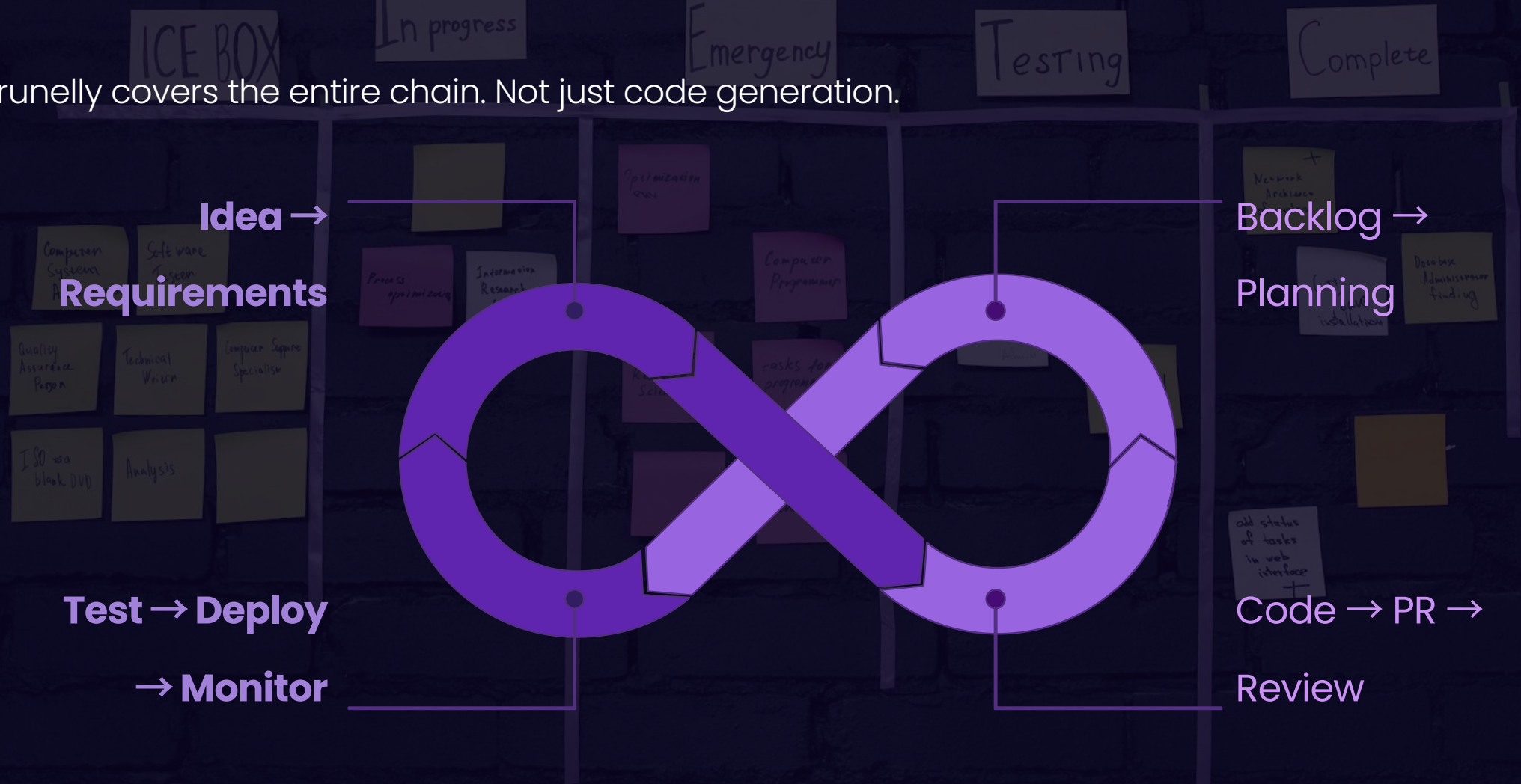
## Poor Requirements Drive Rework

Ambiguity creates cost overruns

**Optimizing code  $\neq$  Optimizing delivery**

# What if AI Optimized 100% of the SDLC?

Brunelly covers the entire chain. Not just code generation.



# Enterprise Grade Agent Orchestration

Brunelly orchestrates the entire software development lifecycle, ensuring a seamless flow from ideation to deployment.



## Requirements

### Engineering

Structures and refines requirements, generates backlog and user stories, and assists estimation and sprint planning.



## Development

Generates production-ready code, creates pull requests automatically, and performs PR reviews aligned with your business coding guidelines.



## Quality & Security

Performs AI code review, proactive security scanning, and manages comprehensive testing.



## Deployment &

### Governance

Integrates with CI/CD pipelines and supports robust enterprise governance.

# A Spec-Driven Approach with Quality Gates



## Automatic Wizard Started

Brunelly is now working on your project

Search features...

All (4)

Feature

AI Shopping Assistant

In Progress

Complete product listing, search, filtering, and detail

Story 7890

Provide users with the ability to c

Set up Stripe SDK and create payment processing end

Story 7890

Knowledge Base Integration

Set up Stripe SDK and create payment processing end

Story 7890

Knowledge Base Integration

Set up Stripe SDK and create payment processing end

Feature

Customer Support Chatbot

In Progress

Complete product listing, search, filtering, and detail



## Connect Your Project

Connect GitHub, GitLab, or Azure DevOps. Brunelly analyzes your codebase and auto-generates your architecture documentation as well as suggests enhancements.



## Generate Structured Backlog

Brunelly transforms context into features, stories, and tasks. Covering both functional and non-functional requirements (NFRs), with acceptance criteria and technical notes included.



## Refine with Human in the Loop

Approve key decisions or let the AI handle it end-to-end. You decide your level of involvement at every stage. AI Tech lead advisory (trained on your entire codebase and architecture) provide expert guidance on optimal implementation approaches.



# From Story to Production-Ready Code

01

## Multi-Step AI Pipeline

Brunel analyses, implements, and verifies at each development stage and creates real commits in your repos with structured pull requests.

02

## Code Quality Scanning

Bug identification, vulnerability detection, and architectural anti-pattern detection.

03

## Security First

Human approval gates at critical stages ensure control and compliance. Security scanning is customized to your business context, understanding your specific tech stack, architectural patterns, and known vulnerability profiles to deliver relevant, actionable insights.

← #7 Establish CI/CD pipeline with Azure DevOps multi-  
feature/17-establish-cicd-pipelines-and-azure-environment-deployment →

↑ Merge Pull Request

⌛ Abandon

### Description

This PR introduces a comprehensive Azure DevOps CI/CD pipeline for the Onto  
'deploy\_dev' (which deploys both applications to Azure App Service and runs  
React frontend ('frontend-drop'), with environment-specific configuration han

The accompanying 'docs/CI-CD.md' provides thorough documentation coveri  
README.md files are updated with appropriate references to the new pipeline

4 files changed +979 -0

### Files (4)

- docs
  - CI-CD.md NEW
  - azure-pipelines.yml NEW
  - CLAUDE.md NEW
  - README.md NEW

### New File

```
1 cd frontend && npm run dev
2
3 See `docs/developer-experience`
4
5 ## CI/CD Pipeline
6 The repository uses Azure DevOps
7
8 ### Pipeline Structure
9 ...
10 azure-pipelines.yml
11 stages:
12   - build_and_test
13     - Backend (dotnet)
14     - Frontend (npm ci, npm run build)
15   - deploy_dev (main branch)
16     - DeployBackend (Azure App Service)
17     - DeployFrontend (Azure App Service)
18     - VerifyDeployment
19 ...
20
21 ### Triggers
22 **Push**: Commits to 'main'
23 **PR**: Pull requests targeting 'main'
```

### 6 file comments

azure-pipelines.yml :191 Minor: The glob pattern '\*\*/\*.csproj' is non-idiomatic. The...

azure-pipelines.yml :563 The 'env:' block here maps 'apiAppServiceName' and 'webAppSe...

# Flexible Deployment for Enterprise Environments

## Multi-Tenant SaaS (Available Now)

- Fully managed by Brunelly
- Secure, scalable, continuously updated
- Ideal for most enterprise teams

## Your Own Infrastructure — Kubernetes (Coming Soon)

- Deploy Brunelly into your cloud (AWS / Azure / GCP)
- Dedicated environment
- Full data control
- Private networking support

### Git Platforms

GitHub Enterprise, GitLab, Bitbucket support

### CI/CD Pipeline

GitHub Actions and Azure Pipelines integration

### Context Ingestion

Confluence and Notion integration

### Security First – Future

SOC 2, SAML/OIDC SSO, RBAC, audit logging

# Lifecycle Capability vs Tool Coverage

Brunelly is the only enterprise full-lifecycle AI-native solution.

SDLC Phase	Typical Tools	Coverage Depth	Brunelly
Planning & Backlog	Jira, Azure DevOps	Planning only	✓
Architecture & Docs	Confluence, Notion	Documentation only	✓
Code Generation	Copilot, Gemini	Code only	✓
Source Control	GitHub, GitLab	SCM only	✓
PR & Code Review	GitHub built-in	Partial	✓
Security Scanning	Snyk, SonarQube	Narrow scope	✓
Testing	TestRail, Selenium	Isolated	✓



# Cost Comparison: Typical Tech Stack vs Brunelly

Today's enterprise SDLC is fragmented across 10–20+ tools, creating governance overhead, context loss, and systemic rework.

1

## Typical Tier 1 Tech Spend

- Planning & Collaboration
- Source Control & CI/CD
- AI Coding
- Security & Code Quality
- Infrastructure

**Tool Count:** 10–20+ vendors

**Lifecycle Ownership:** Fragmented

Estimated Total: \$2,500–\$5,000 per developer per year

2

## Brunelly Platform

- Complete SDLC orchestration
- AI code generation
- Security scanning
- Quality review
- Governance & audit
- **Lifecycle Ownership:** Unified

\$948 per developer per year

# Quantified Enterprise ROI

AI applied across the full SDLC compounds gains across every role , planning, architecture, development, testing and rework.

<div>Annual Software Team Investment:  \$50M+</div> <div>For 500 engineers (Dev, QA, PO/BA, Architects)</div>	<div>Lifecycle Throughput Improvement: 25–40%</div> <div>AI applied across planning, architecture, development, testing &amp; rework</div>	<div>Equivalent Annual Capacity Value:  \$10M–\$20M</div>	<div>Total Year 1 Platform Investment:  &lt;\$500K</div> <div>License + implementation (&lt;\$1M ongoing enterprise cost)</div>
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First-Year Value Multiple: 25–40x

Revenue-Driving Impact

- Faster feature delivery
- Reduced time-to-market
- Increased release predictability
- Competitive advantage through acceleration

Cost Avoidance Benefits

- Avoided headcount expansion
- Reduced rework & defect costs
- Consolidation of fragmented tooling
- Fewer sprint overruns
- Lower governance overhead

# 3 Pilot Models for Brunelly

1

## Option A: Greenfield Pilot

**Focus:** New features, internal tools, or non-critical greenfield projects, for fast proof of value and clean comparison.

**Measures:** Time to first deployable feature, defect rate.

**Best for:** Conservative enterprise teams.

2

## Option B: Parallel Comparison

**Focus:** Direct performance comparison between 1 squad using traditional workflow vs. 1 squad using Brunelly.

**Measures:** Sprint velocity, lead time, rework %.

**Best for:** Transformation-minded CTOs.

3

## Option C: Existing Project Acceleration

**Focus:** Inject Brunelly mid-stream into backlog refinement, bug triage, or code review, showing rework reduction impact.

**Measures:** Rework reduction, efficiency gains within specific phases.

**Best for:** Targeted process improvement.

# Enterprise Pilot Structure

## Pilot Details

- Duration: 6–8 weeks
- Scope: 1–2 squads (10–20 users)

## What We Provide

- Full platform access
- Setup & integration
- Onboarding workshop
- Weekly optimization check-ins
- KPI tracking dashboard
- Executive readout

## Pilot Pricing Model

- Setup Fee: \$25K–\$50K (integration dependent)
- License During Pilot: Free / Heavily Discounted
- LLM Usage: Client pays actual token usage (or fixed capped budget, e.g. \$5–10K)
- Pilot fee credited toward first-year contract

# Brunelly

AI-Native Software Delivery for the Enterprise

To view our latest demo's click on the link below:

<https://demovideos.brunelly.com>

For more information or to discuss pilots, please contact:

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