

AI That Tests & Self-Heals

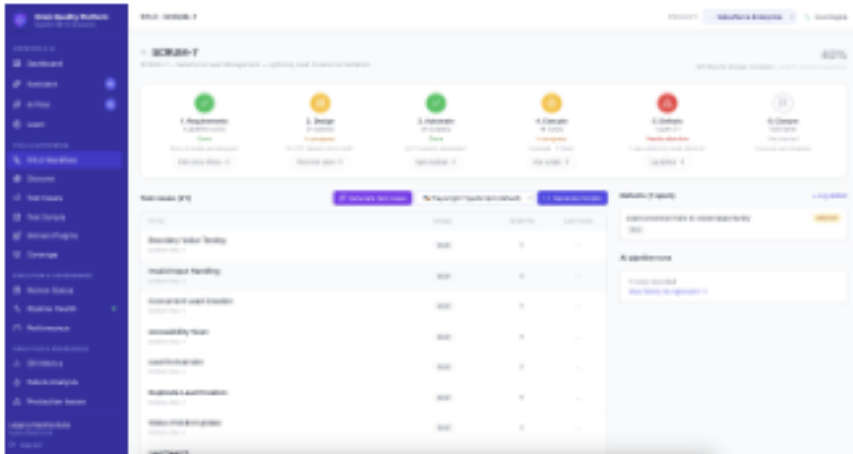
Autonomous quality engineering from requirement to reliable release.

What Omni does

- Generates test scenarios from JIRA stories, API specs or live applications
- Executes across 6 test types: Functional, E2E, API, Performance, Security and Cross-Browser
- Analyzes failures with root-cause analysis and self-healing
- Connects quality gates to CI/CD and release workflows

AI-Powered Autonomous Quality Engineering Platform

An AI-first platform designed to accelerate software quality, test automation, validation, failure analysis, and release confidence across modern applications and technology ecosystems



Challenges

Fragmented testing across manual teams and multiple tools
Long regression and release-validation cycles
Flaky automation and high maintenance effort
Limited visibility into overall release risk
Increasing complexity from APIs, integrations and AI-enabled applications

What Prozmatic Built

AI-driven requirement & test analysis
Automated test generation
UI & API automation
AI/Agent validation
Failure analysis & RCA
Performance testing
Security validation
Release-readiness intelligence

Business Impact

(targets/projections)
business days → 5 business day
Reduce 10 regression cycles -50%
Lift automated coverage past 87% → 42% 85%
AI-driven Failure analysis & release risk visibility

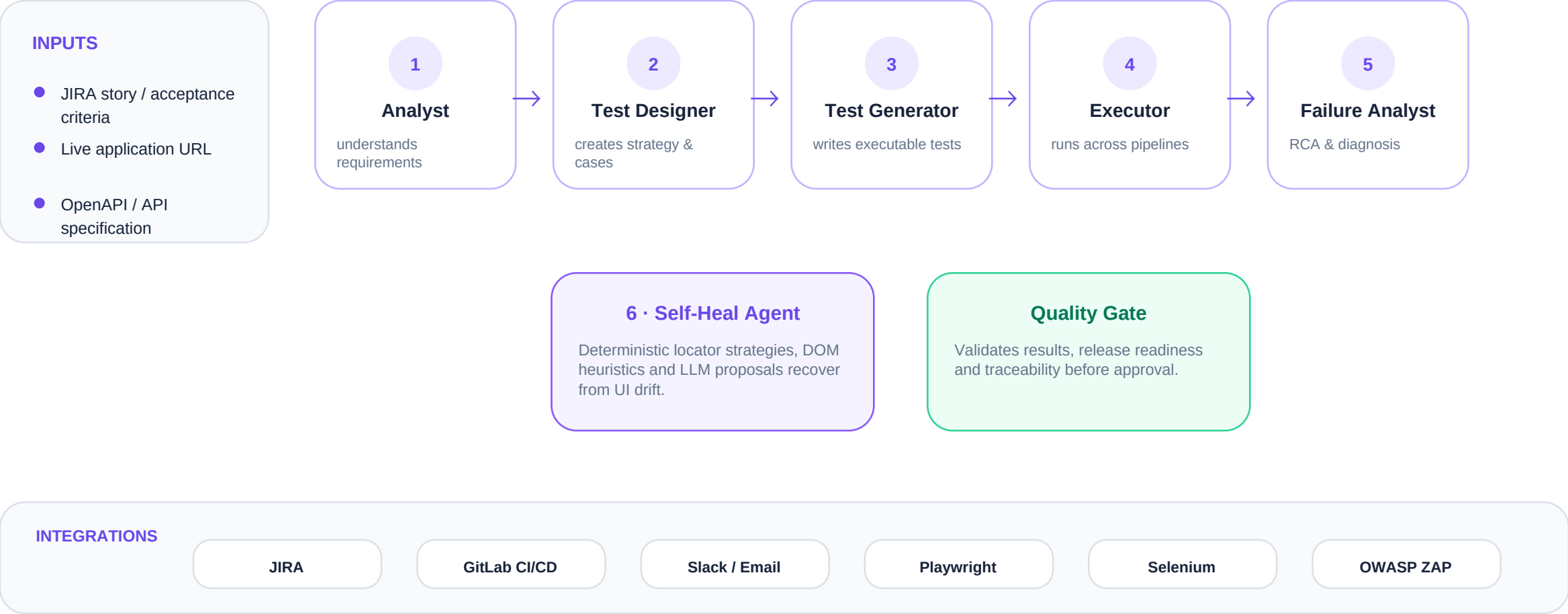
30–40% testing-effort reduction

25% faster release validation

80%+ regression automation coverage

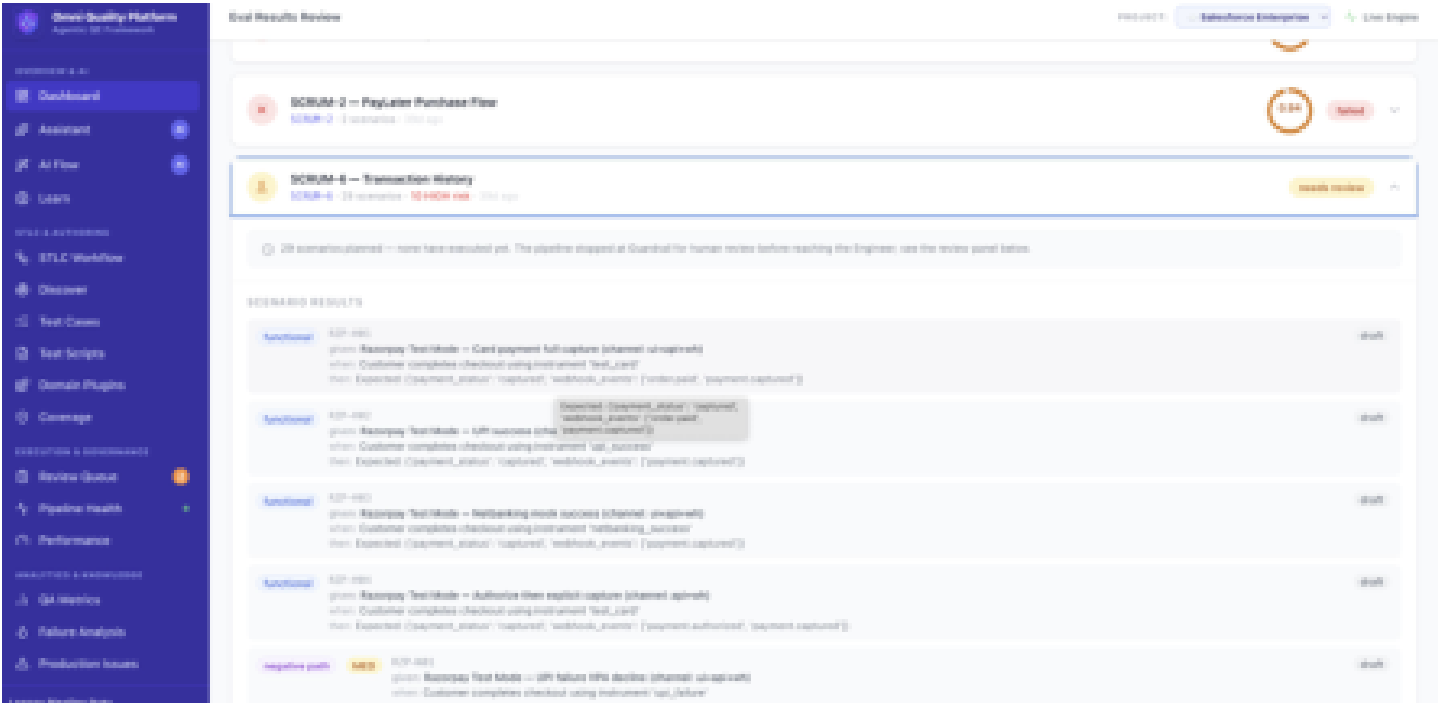
From Requirement to Self-Healing

A multi-agent workflow separates analysis, generation, execution, failure analysis and quality control.



AI Test Execution, Failure Analysis & Self-Healing

Real application screen from Omni's autonomous quality engineering workflow.



Execution

Parallel automated test runs

RCA

Root-cause analysis

Self-Heal

Repair and re-run

Traceability

Release decision evidence

Built for Reliability, Scale & Controlled Automation

Agentic orchestration is paired with deterministic execution, asynchronous workers and production integrations.

AI Orchestration

- Multi-agent workflow
- Specialized analysis / generation / evaluation
- Human review & quality gates

Execution

- Async job queue / isolated runners
- Playwright, Selenium, API & security
- Parallel test workflows

Reliability

- Deterministic validation
- Self-healing locator strategies
- Failure analysis & release risk

Platform

- FastAPI / Next.js
- PostgreSQL / tenant isolation
- CI/CD & webhooks

CORE STACK

Python

FastAPI

LangGraph

Playwright

Selenium

PostgreSQL

Docker

GitLab CI/CD

AWS / GCP

15+ years of enterprise engineering across fintech, banking, payments and insurance.

Why This Is More Than an AI Prototype

The platform is backed by measurable delivery experience and formal AI engineering training.

30–40%

reduction in testing effort

25%

faster release validation

80%+

regression automation coverage

30

engineers led across 3 countries

CREDENTIALS

Agentic AI Systems

Euron · 2026

Gen AI Certification Bootcamp 3.0 · Euron · 2026

ENGINEERING BACKGROUND

Designed and shipped production AI platforms spanning autonomous QE, conversational commerce, content automation and financial intelligence.

Enterprise experience includes GoTo/Gojek, Cognizant, Persistent Systems, TCS and Oracle Financial Services.

BEST FIT

AI agent platforms · AI automation · LLM integration · AI quality engineering · production AI reliability