Agenda

Introductions
About Proton and Ionix AI
Product Overview
Demo
Q & A

The Enterprise Automation Challenge

Fragmented workflow intake

01

Business requests come from too many disconnected places, so teams struggle to understand, prioritize, and act on them consistently

Trapped enterprise knowledge

02

Critical business logic, automation scripts, process rules, data dependencies, and operational know-how remain buried across teams, tools, and repositories instead of becoming reusable enterprise skills.

Manual delta analysis and updates

03

Every enhancement, migration, policy update, or workflow change requires manual impact analysis, validation, updates, and review creating duplicated effort, delays, and inconsistent execution.

Limited execution intelligence

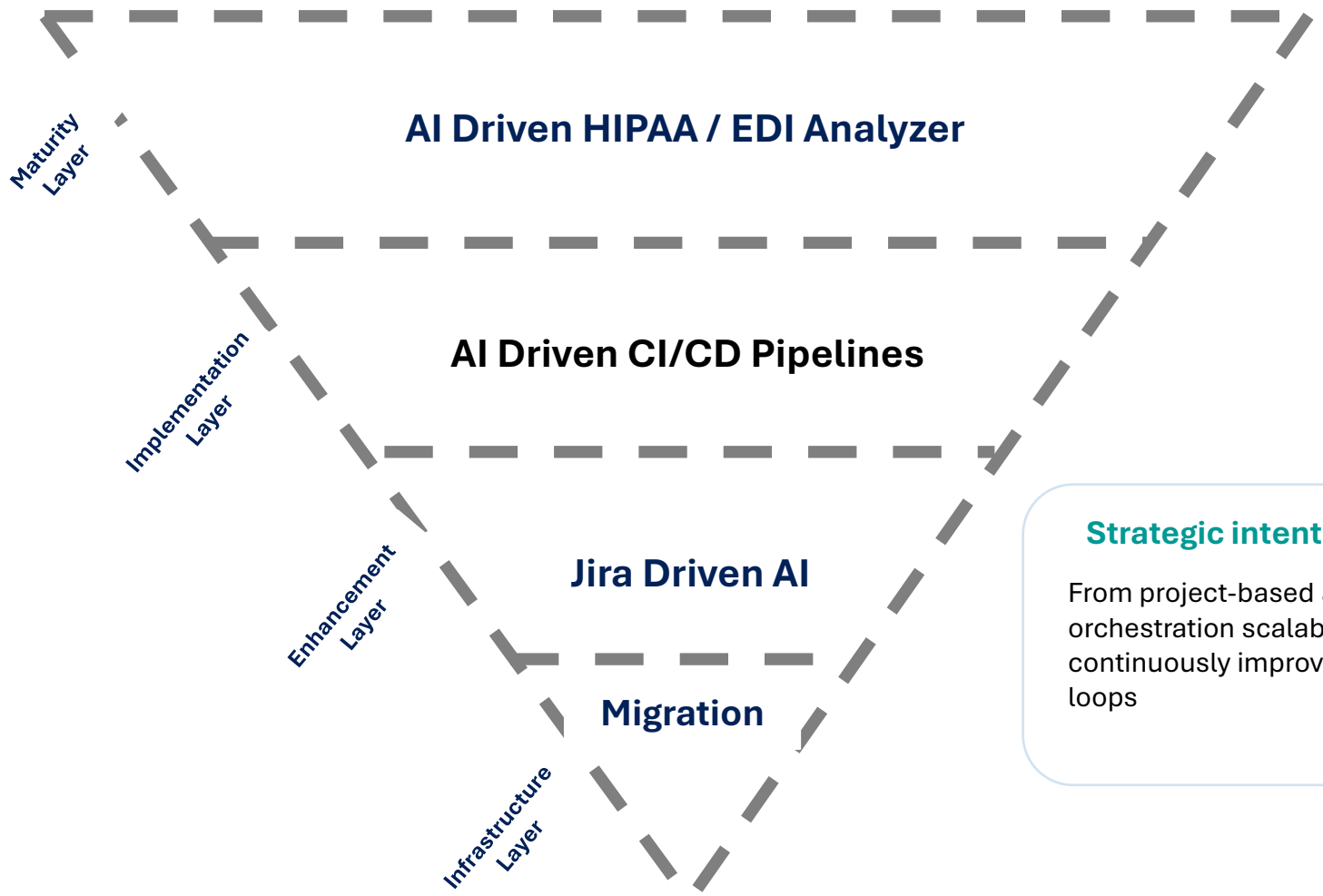
04

Execution outcomes, defects, exceptions, approvals, evidence, and optimization insights are not continuously fed back into future workflows, preventing automation from improving over time.

Business impact: slower delivery • higher operating cost • inconsistent governance • fragile automation • delayed modernization • missed AI ROI

IONIXAI WORKFLOW ORCHESTRATION

A layered operating model that brings autonomous workflow execution into migration, DevOps, EDI/HIPAA analysis, and production support.



Strategic intent

From project-based automation to governed orchestration scalable across Migration and EDI, continuously improving through AI skills and feedback loops

EDI Business Process Automation

IonixAI AI-Powered EDI Modernization Accelerator

EDI modernization is not only a file validation exercise — it is a business-process control and operational risk challenge.

The EDI operating risk

Current intake and validation flows rely on hard-coded checks, brittle matching, and manual review cycles.

- Every clean file still pauses for human review
- Validation failures show raw rule IDs with limited guidance
- Exact hash matching misses near-duplicate resubmissions

How IonixAI accelerates the EDI feedback loop

Core orchestration platform + EDI app accelerators

Register

Create correlation ID, fingerprint, lineage and file level execution state.

Infer

Use AI to classify partner, direction and ACK expectations from content.

Triage

Auto-approve clean files and escalate only exceptions or ambiguity.

Validate

Run deterministic X12/834 skills with rule IDs and evidence.

Explain

Generate root-cause summaries and partner-ready remediation

Learn

Use telemetry and history to detect recurrence and improve controls.

Value for EDI operations

- Exception-only human review
- Faster partner issue resolution
- Lower manual intake and triage effort
- Closed-loop ACK visibility
- Traceable rule, file, and decision history
- Reusable playbook across EDI partners

IonixAI turns EDI operations from manual file handling into a governed, AI-accelerated, self-learning automation factory.

AI accelerations: adaptive stability checks • partner inference • AI triage • failure explanation • near-duplicate detection • Splunk incident intelligence

Migration from Legacy to Modern Stack

IonixAI Agentic Migration Accelerator

Modernization is not only a technology upgrade—it is a business-process risk challenge.

The migration risk

Legacy platforms hold years of hidden business rules, exceptions, dependencies, and manual workarounds.

- Business workflows are hard to discover
- Downstream impacts are easy to miss
- Teams recreate knowledge manually
- Cutover risk increases without continuous validation

How IonixAI agents help

Discover
Understand current workflows, dependencies, and system behavior.

Convert
Turn tribal knowledge into reusable enterprise skills.

Adapt
Map current behavior to the modern stack and identify gaps.

Generate
Create migration-ready assets for validation and rollout.

Optimize
Update only changed scope instead of recreating everything.

Validate
Execute, self-correct, and improve with traceable outcomes.

Value for Customer

- Faster migration readiness
- Lower cutover and regression risk
- Reduced reliance on tribal knowledge
- Reusable playbook for future migrations
- Better traceability from requirement to outcome
- Scalable modernization across enterprise applications

IonixAI turns legacy modernization from a manual migration effort into a governed, repeatable, agentic migration factory

Demo

IonixAI should be able to:

Read and understand the existing Business Partner creation process within Salesforce

Analyze and interpret the existing automation script and its business intent

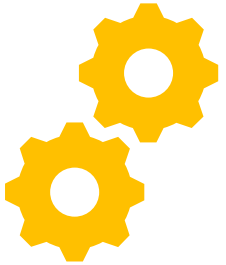
Execute the test process based on the provided script steps

Understand the enhancement story and identify impacted process areas

Autonomously optimize and improve the existing test script

Generate updated test scenarios aligned to the enhancement requirements

Execute enhanced regression and integration testing workflows



Process Flow in IonixAI

Ingest application, environment, and authentication details

Read and analyze existing test automation scripts

Understand the business process flow and testing intent

Ingest enhancement stories from Word documents, Jira, or ServiceNow

Identify impacted business processes and testing scenarios

Automatically update and optimize test scripts

Generate additional unit and integration test cases where required

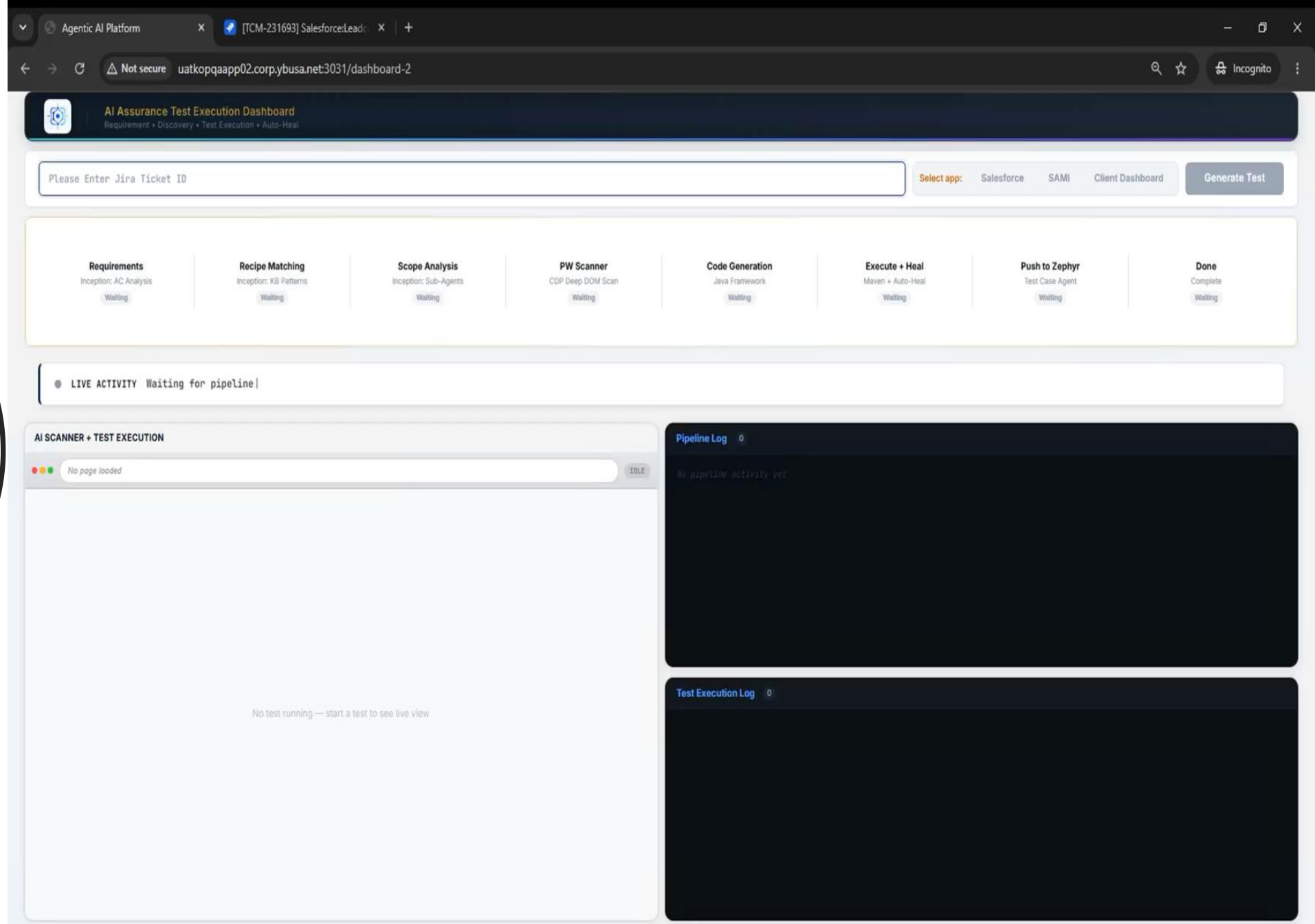
Execute automated test scenarios in the target environment

Provide execution reports, defect insights, and optimization recommendations

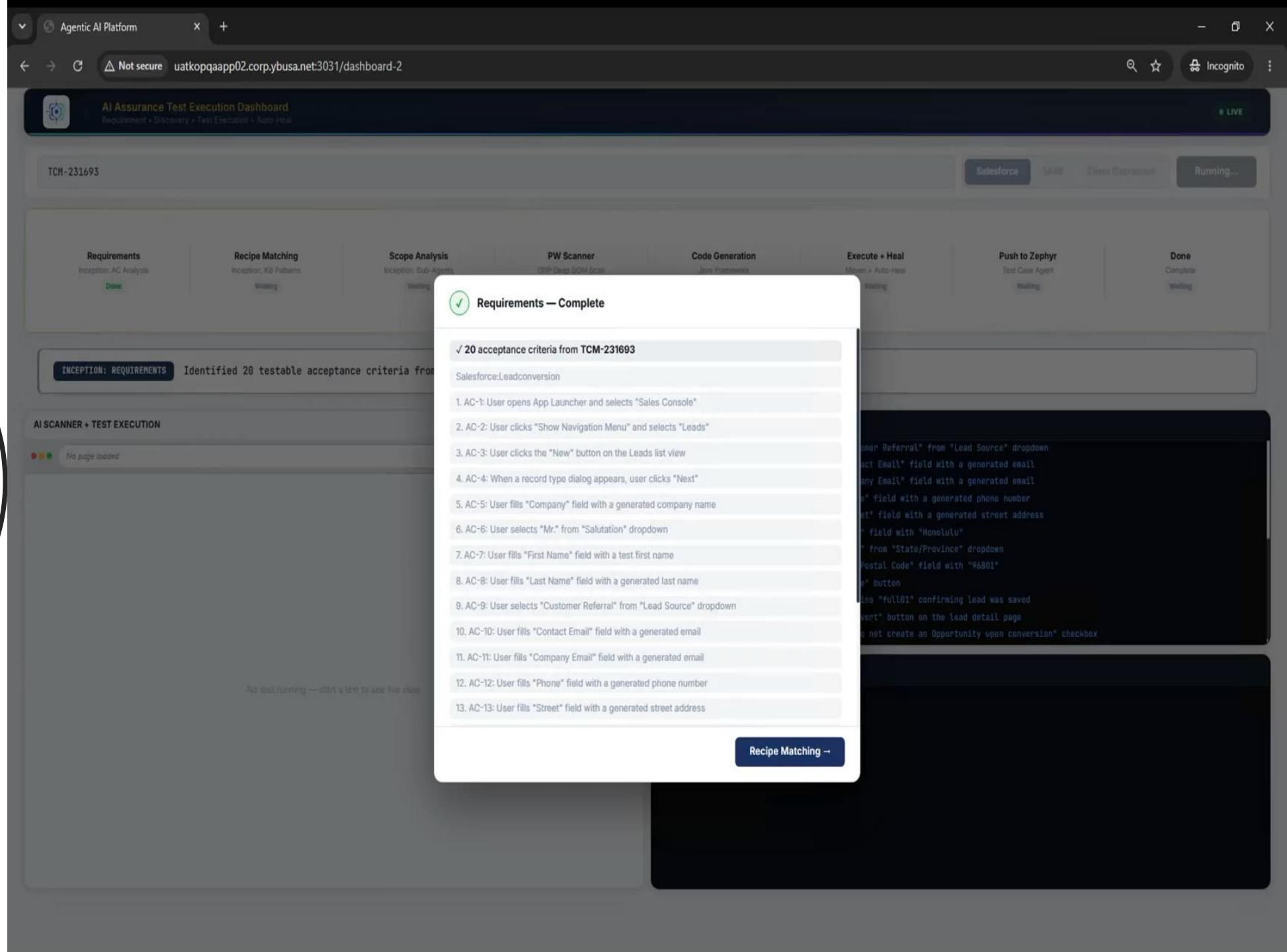
Continuously learn and improve test efficiency for future enhancements

Requirement Agent

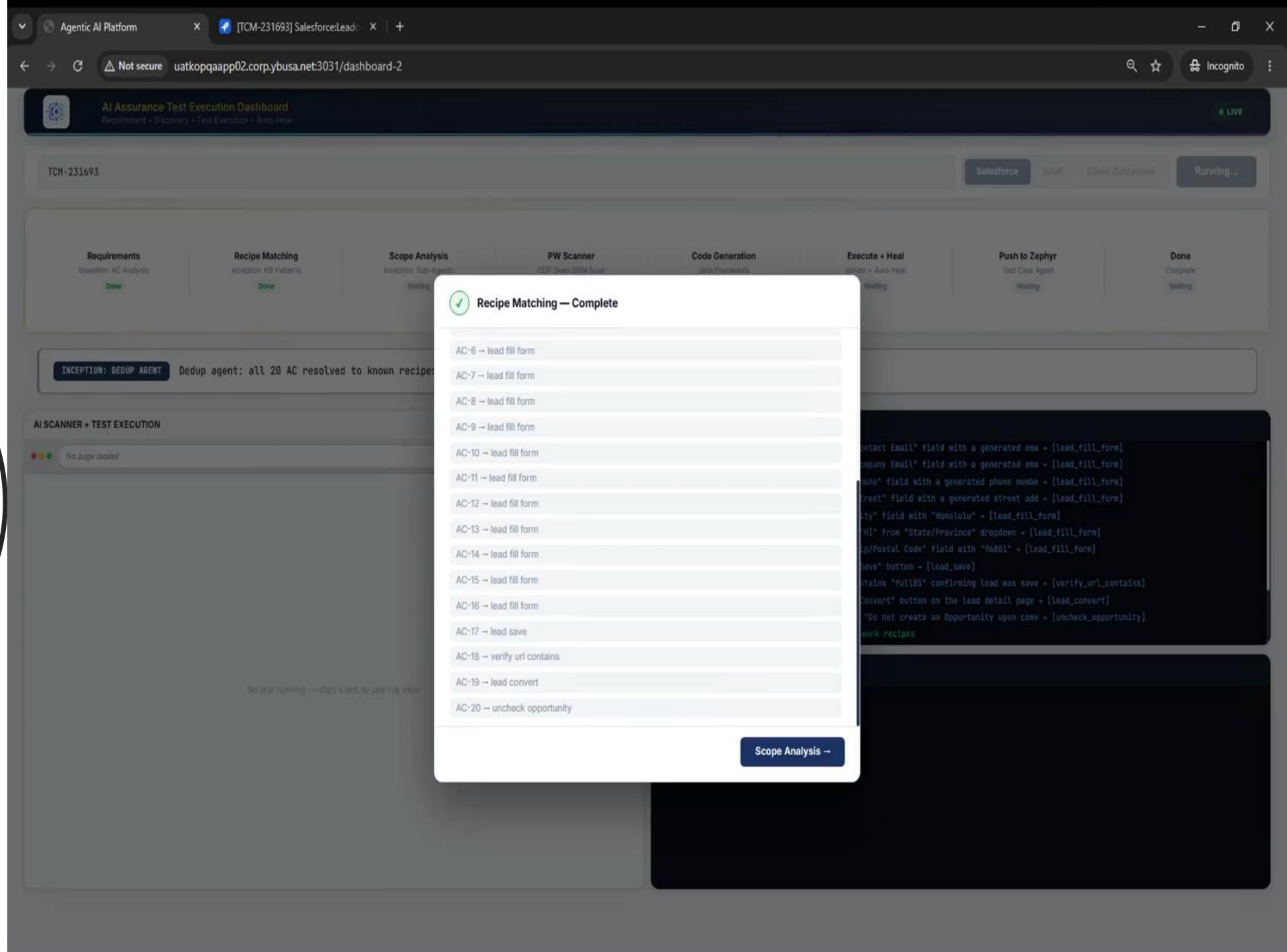
Understand the enhancement story and identify impacted process areas



Recipe Match Agent
Read and understand the existing Business Partner creation process within Salesforce

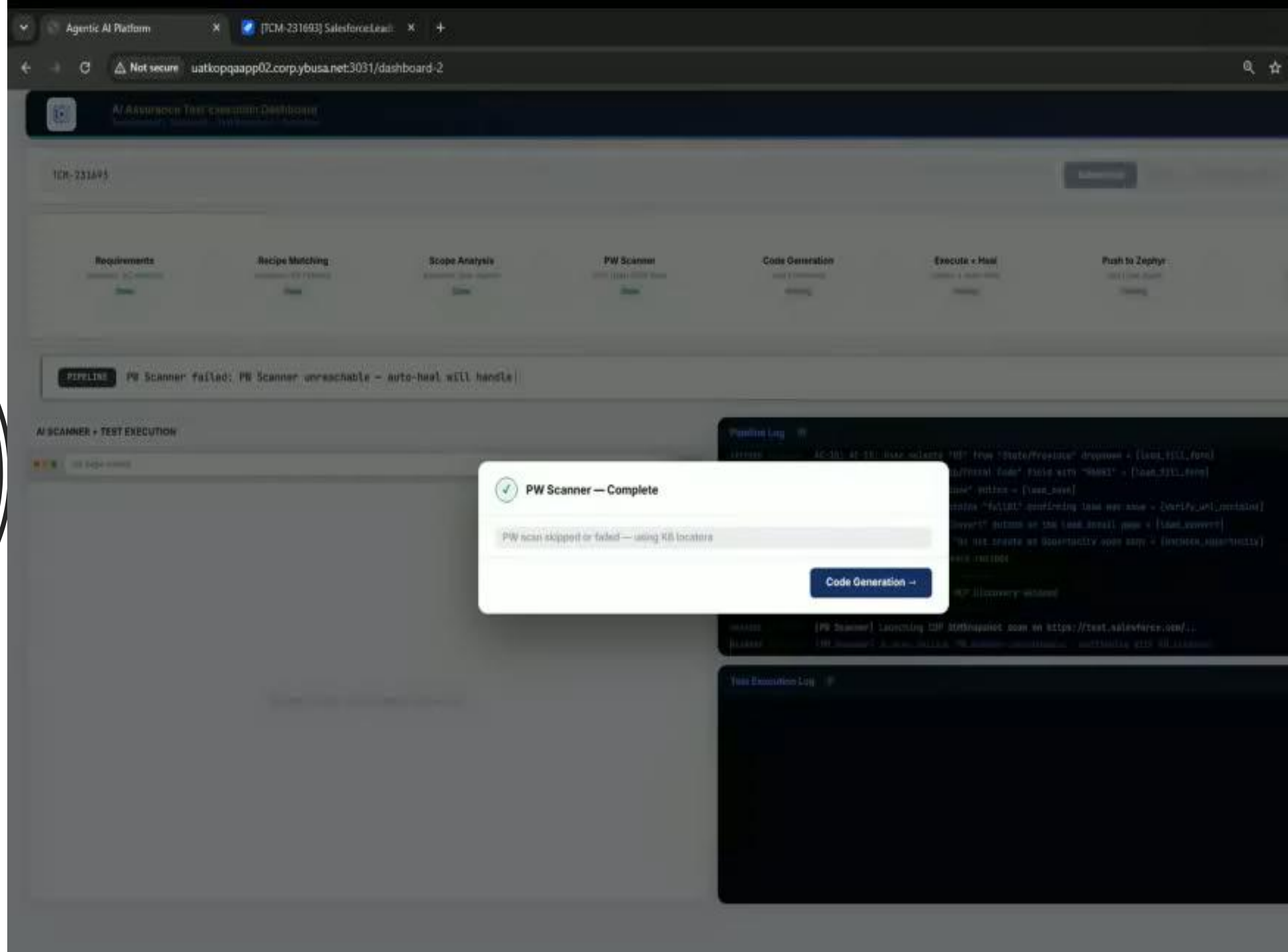


Scope Analysis Agent
Analyze and interpret the existing automation script and its business intent



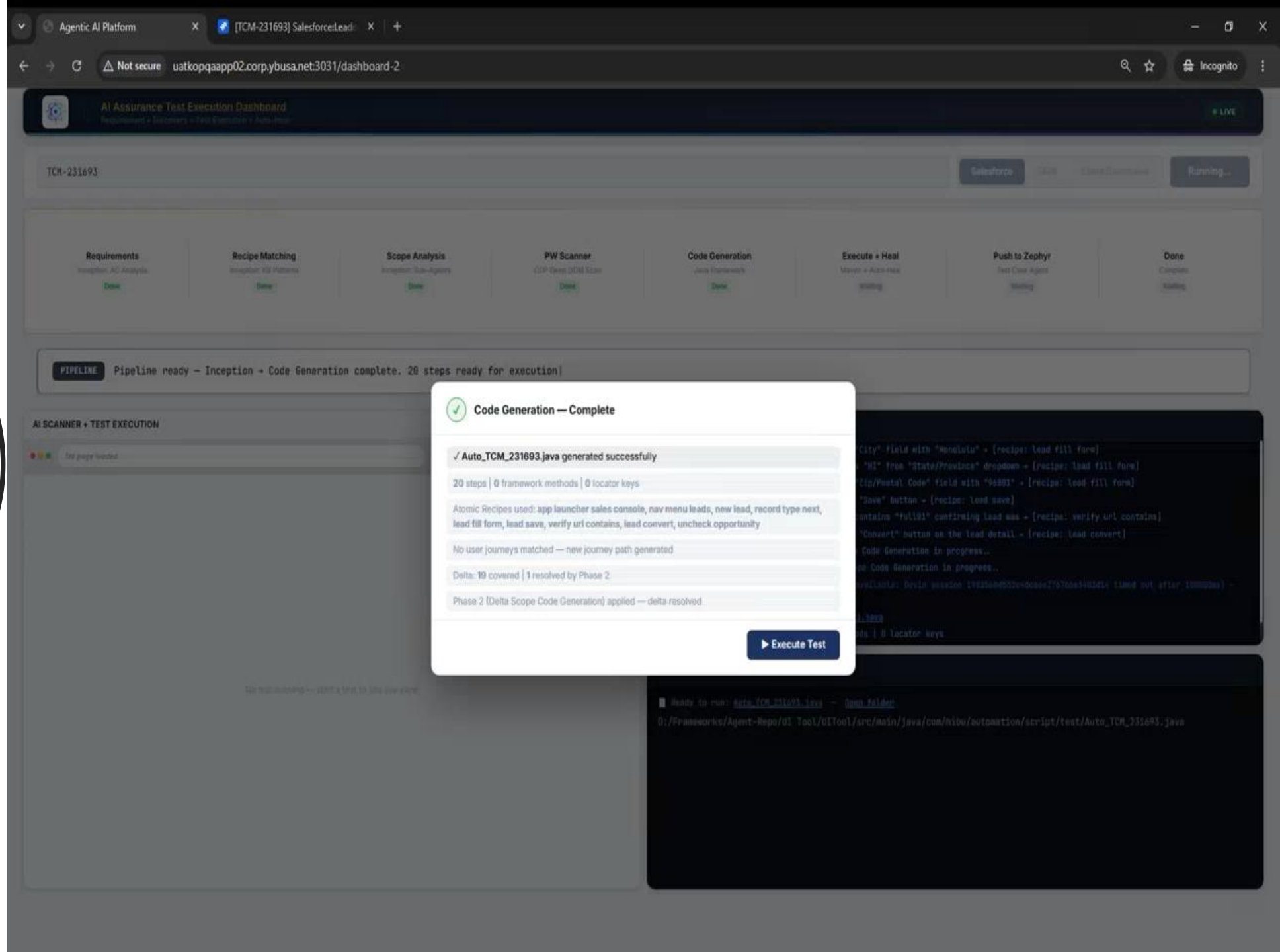
Code Generation Agent

Execute the test process based on the provided script steps



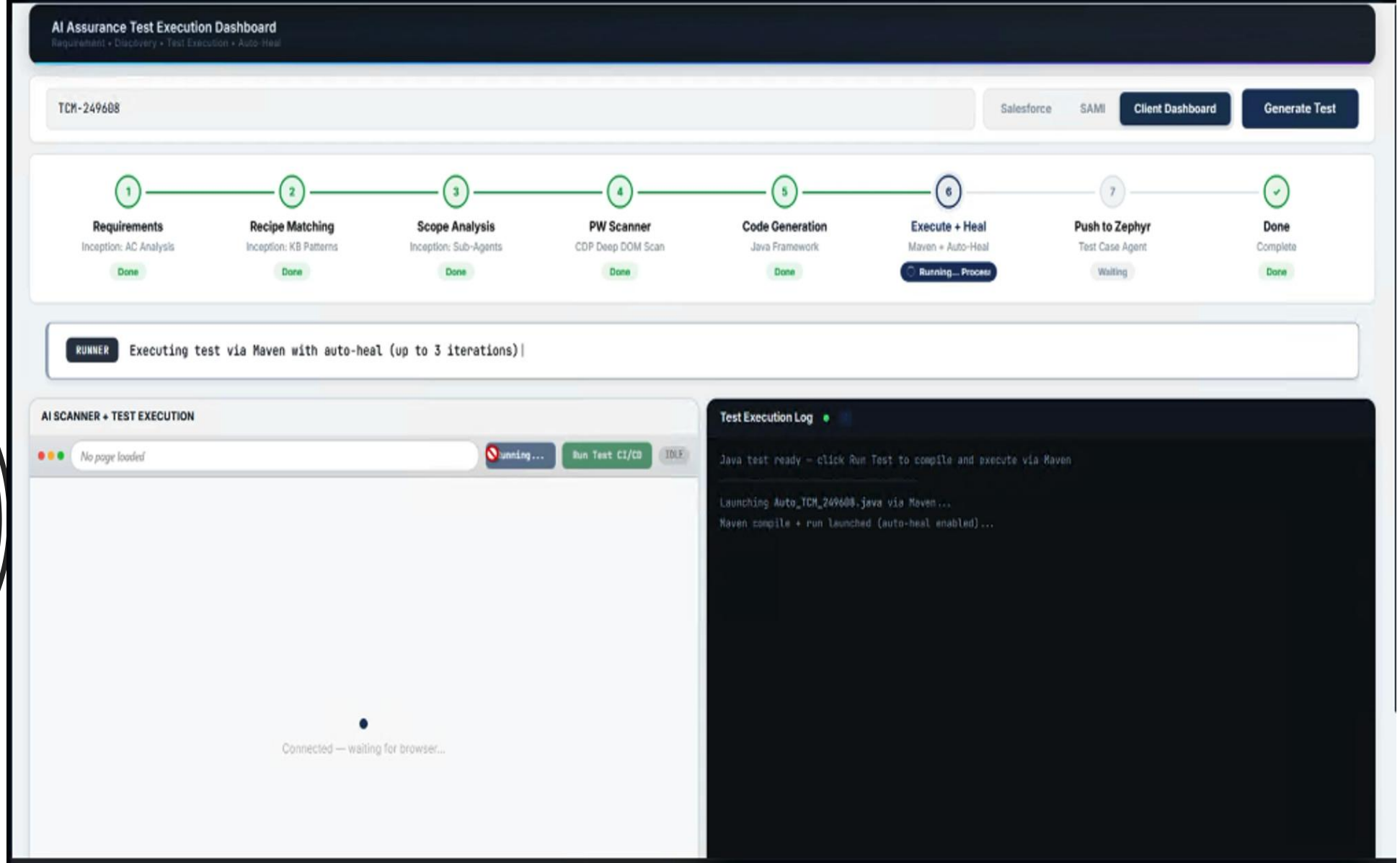
Test Execution Agent

Autonomously optimize and improve the existing test script



CICD Agent

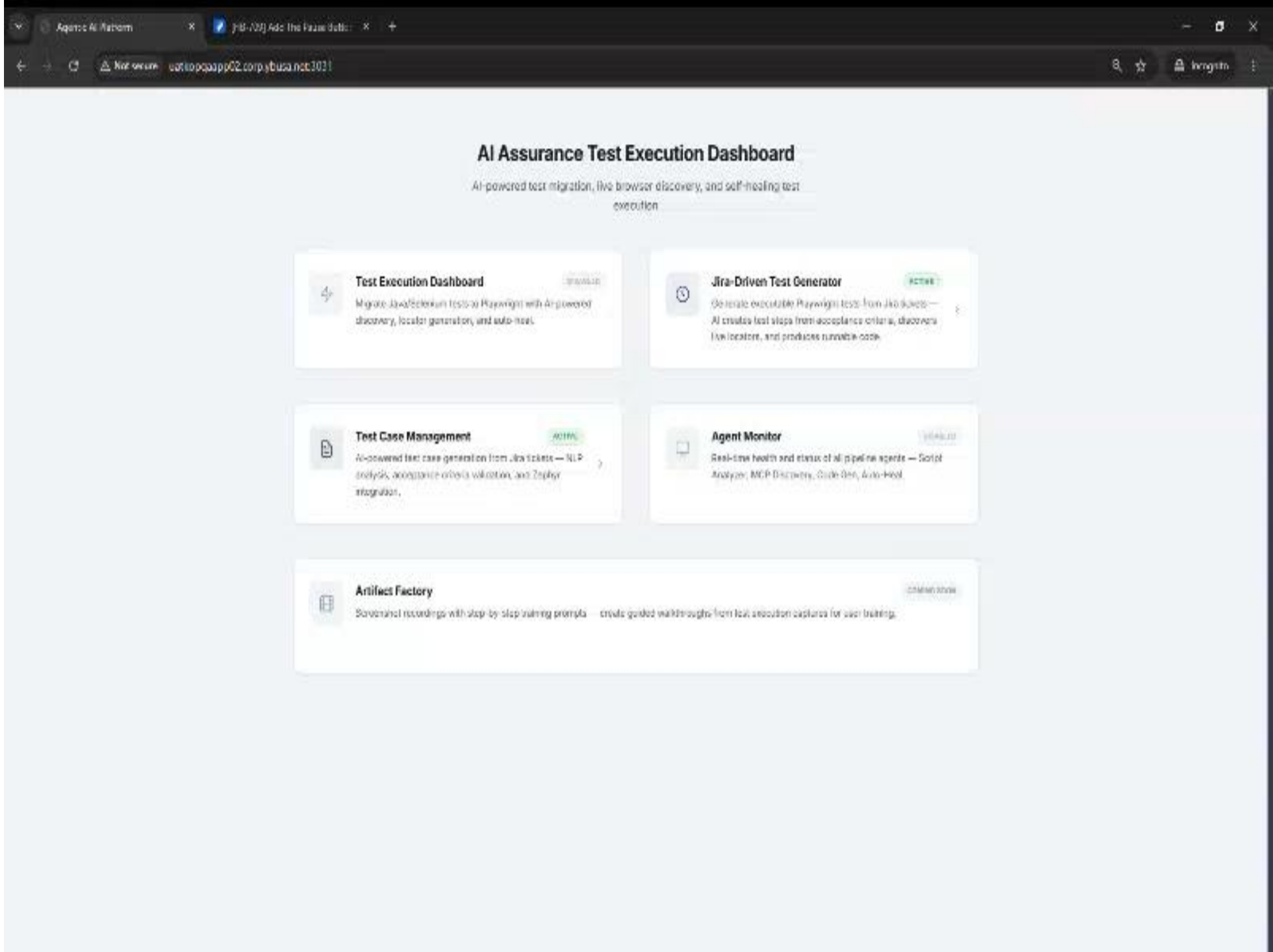
Execute enhanced regression and integration testing workflows



From Business Requirements to Executable Tests -- Acceptance criteria and user stories are converted into validated test steps and automation-ready code, reducing manual design effort and accelerating delivery.

TestGen Agent

Generate updated test scenarios aligned to the enhancement requirements



Capability	Most relevant video	Why it aligns
Ingest application, environment, and authentication details	**Code Generation Agent- Slide 5**	Agent uses application configuration, framework paths, base classes, locator strategies, environment settings, and authentication patterns to create runnable tests. The **Execution Agent** video also supports this by showing tests running in the selected target environment.
Read and analyze existing test automation scripts	**Recipe Match Agent- Slide 3**	The knowledge layer scans existing locator files, utility classes, workflow sequences, and proven automation patterns. It converts existing framework knowledge into reusable agent skills rather than rebuilding tests from scratch.
Understand the business process flow and testing intent	**Recipe Match Agent- Slide 3**	This is the strongest video for business-process understanding. The agent interprets acceptance criteria, identifies the closest end-to-end journey, and connects the requirement to proven business workflows. The **Scope Analysis Agent** provides additional detail by decomposing criteria into actions, targets, outcomes, and validations.
Ingest enhancement stories from Word documents, Jira, or ServiceNow	**Requirements Agent / Jira Ingestion- Slide 1**	This video demonstrates requirement ingestion and structured acceptance-criteria extraction. The current demo specifically shows Jira. Word and ServiceNow can be positioned as additional supported intake channels, but they are not visibly demonstrated in the current recording.
Identify impacted business processes and testing scenarios	**Scope Analysis Agent- Slide 4**	The sub-agents analyze the validated requirements, identify the affected workflow, expand missing steps, and determine the complete testing scope. The **Enhancement Test Scenario Generation** video also reinforces the creation of enhancement-aligned scenarios.

Capability	Most relevant video	Why it aligns
Automatically update and optimize test scripts	Code Generation Agent- Slide 5	This video directly supports the capability. Phase 1 creates vetted baseline code, delta analysis isolates uncovered enhancement scope, and the CLI applies only the required changes through reusable skills. This also demonstrates token optimization because the agent processes only the new delta instead of regenerating the full script.
Generate additional unit and integration test cases where required	TestcaseGen Agent- Slide 8	This video is most relevant because it shows new test scenarios being generated from enhancement requirements and coverage gaps. However, the current demos mainly emphasize functional and end-to-end scenarios. A separate overlay or recording would strengthen the specific claim around unit and integration testing.
Execute automated test scenarios in the target environment	Execution and Auto-Healing Agent- Slide 6	This video shows generated tests being executed in the live target environment, including orchestration, monitoring, parallel test pods, and completion tracking.
Provide execution reports, defect insights, and optimization recommendations	Execution and Auto-Healing Agent- Slide 6 & 7	The video shows execution status, logs, pass/fail results, failure analysis, healing activity, and publishing results to the enterprise test repository—in the demo, Zephyr. It is the strongest proof point for reporting and defect insights.
Continuously learn and improve test efficiency for future enhancements	Execution and Auto-Healing Agent- Slide 6 &7	Auto-healed locators and corrected interactions improve future execution reliability. The Recipe Match Agent also supports this message because validated workflows and reusable knowledge patterns become available for future enhancements.