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Low-Code and Pro-Code Integration That Ships

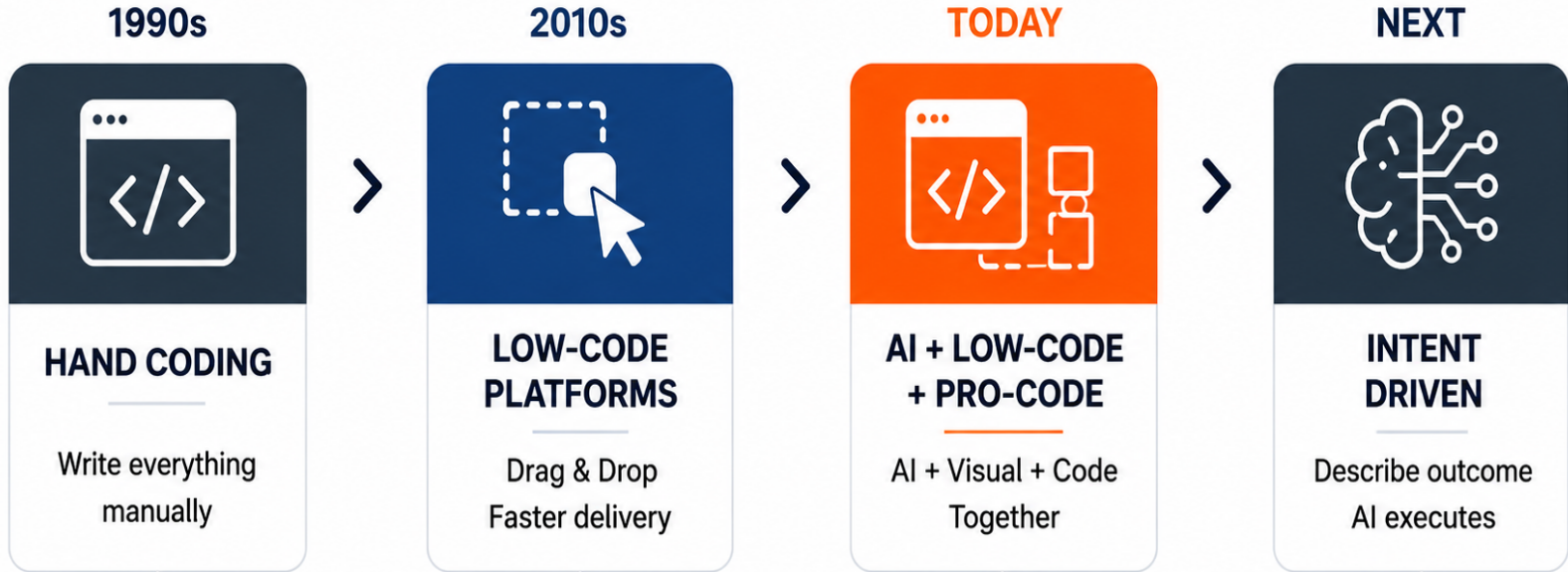
Code, Click, Connect: The WSO2 Integration Spectrum



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The evolution of building software



Low-code didn't disappear. It **evolved**.



Different ways to build integrations

PRO-CODE

Maximum control & flexibility



LOW-CODE

Speed with visual development



BACKED BY A DSL
 Domain Specific Language (DSL)

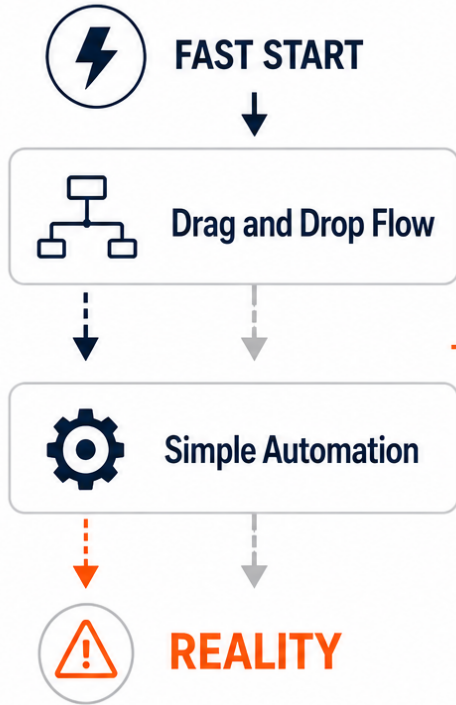
LIMITATION
You are limited to what the DSL can express.



VIBE CODING

Describe it. AI builds it.



Why traditional low-code hits a wall

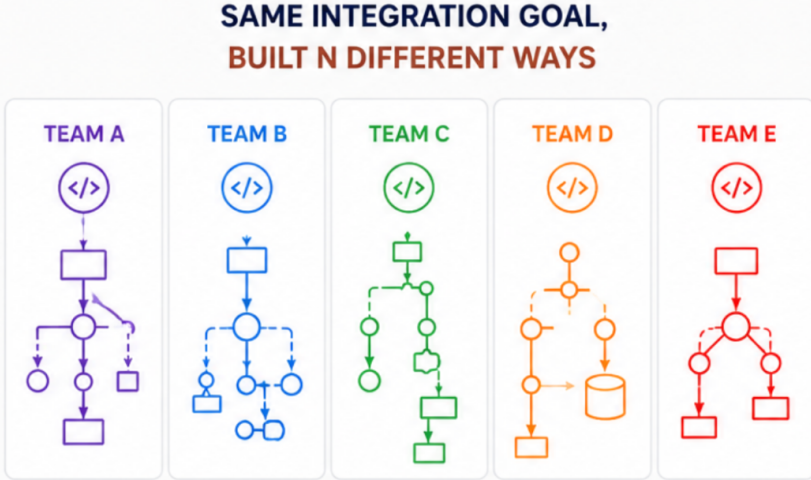







-  Complex Logic
-  Custom Security
-  Reusable Libraries
-  AI Integration
-  Governance




Pro-Code : Too much freedom can create inconsistency


PRO-CODE
Zero abstractions.
Infinite ways to solve.



- THE RESULT?**
-  Fragmented Solutions
 -  Hard to Reuse
 -  Inconsistent Quality
 -  Slower to Change
 -  High Maintenance

 Unlimited flexibility → Unlimited complexity



Integration no longer just move data

They enable
intelligent actions



ENRICH CUSTOMER
EXPERIENCE



AUTOMATE
PROCESSES



TRIGGER REAL-TIME
RESPONSES



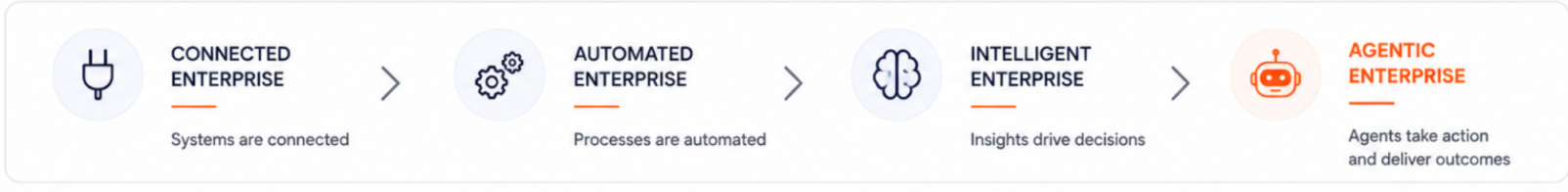
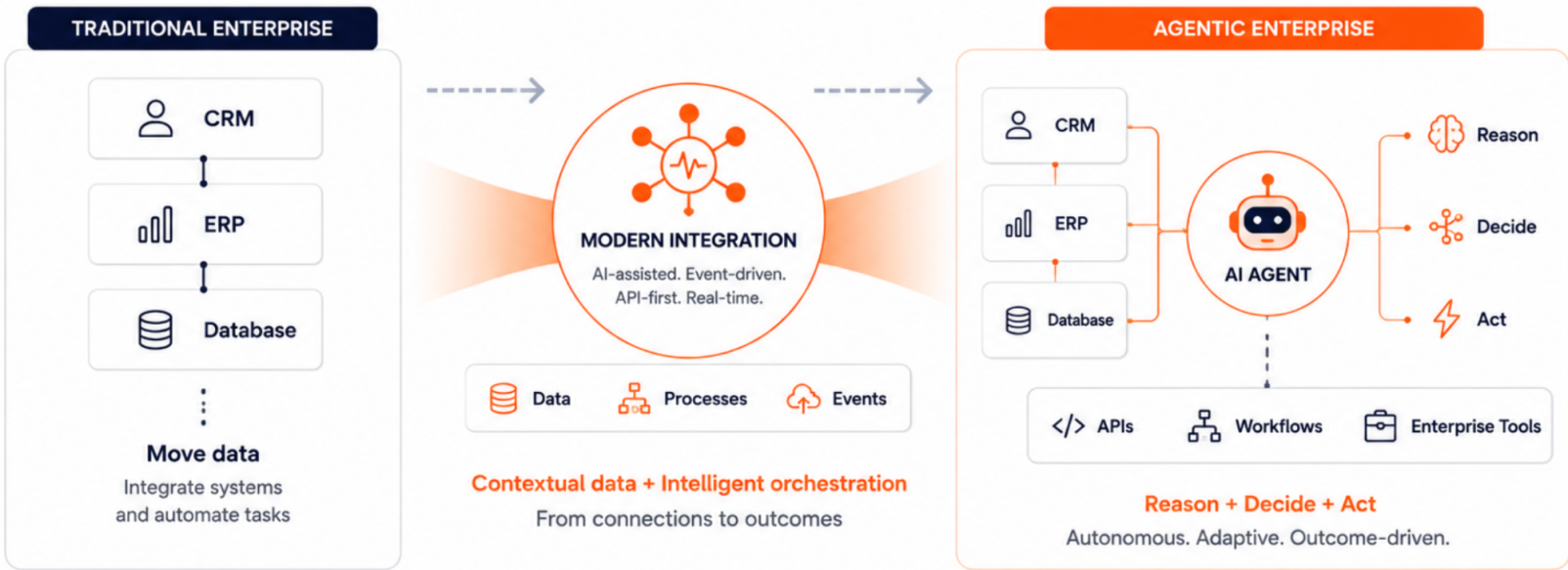
DRIVE BUSINESS
OUTCOMES



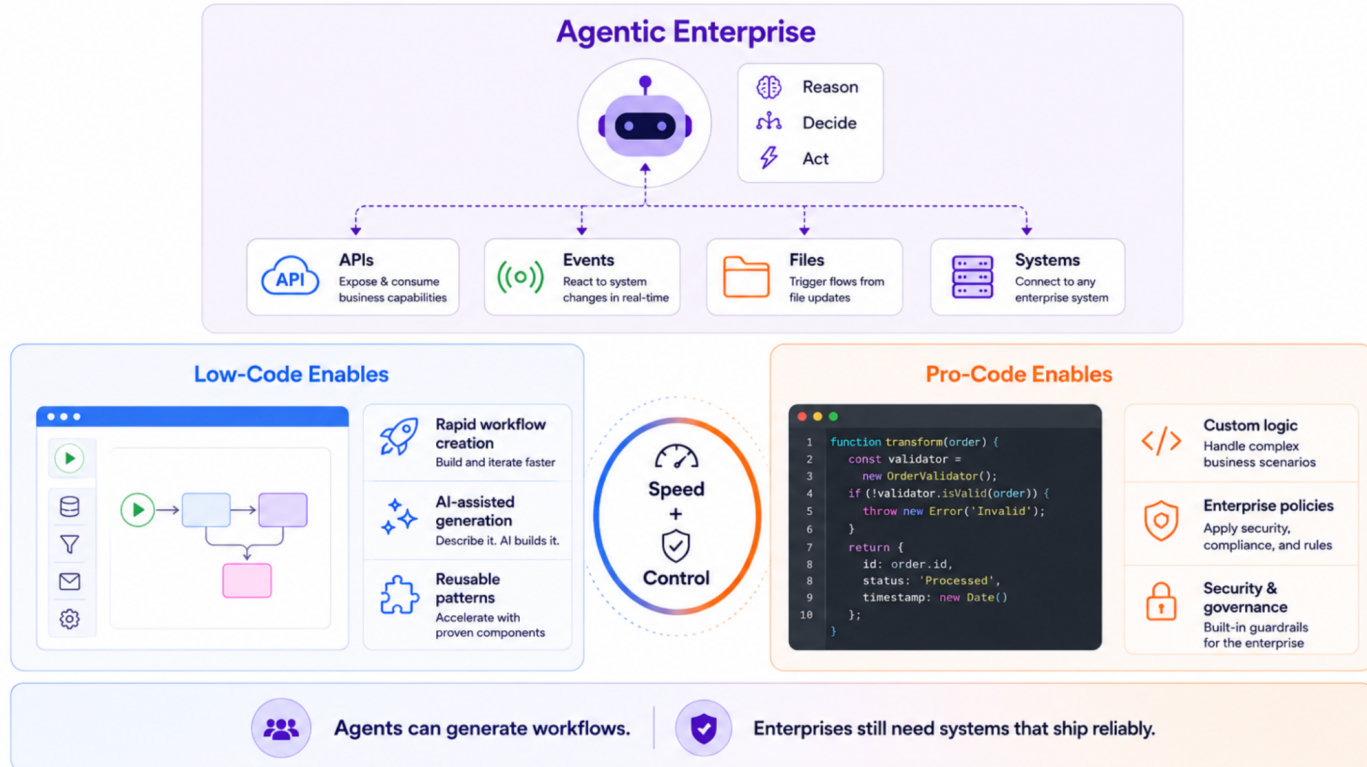
EMPOWER
AI AGENTS



From traditional integrations to agentic enterprise



Agents needs speed. Enterprises needs control.



Build **AI agents** for any business need.

Aggregate data sources to build an enterprise context layer, giving AI agents access to **real-time context**.



WSO2
Integration Platform

Connecting the agentic enterprise.

Gather **observability data** to monitor and govern AI agent behavior, performance, and interactions.

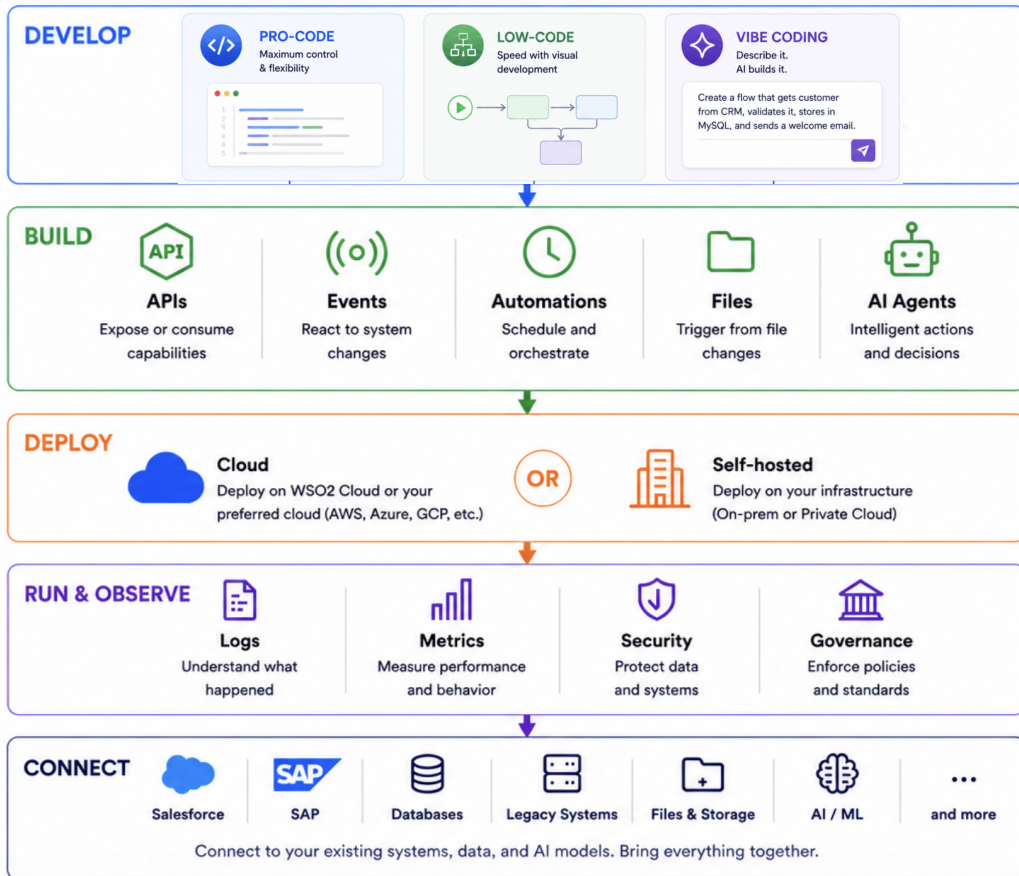
Connect to systems of record (ERP, CRM, HRMS) for AI agents to access data, and execute flows across systems.

Build **human-in-the-loop workflows** to ensure operational oversight of AI agents.



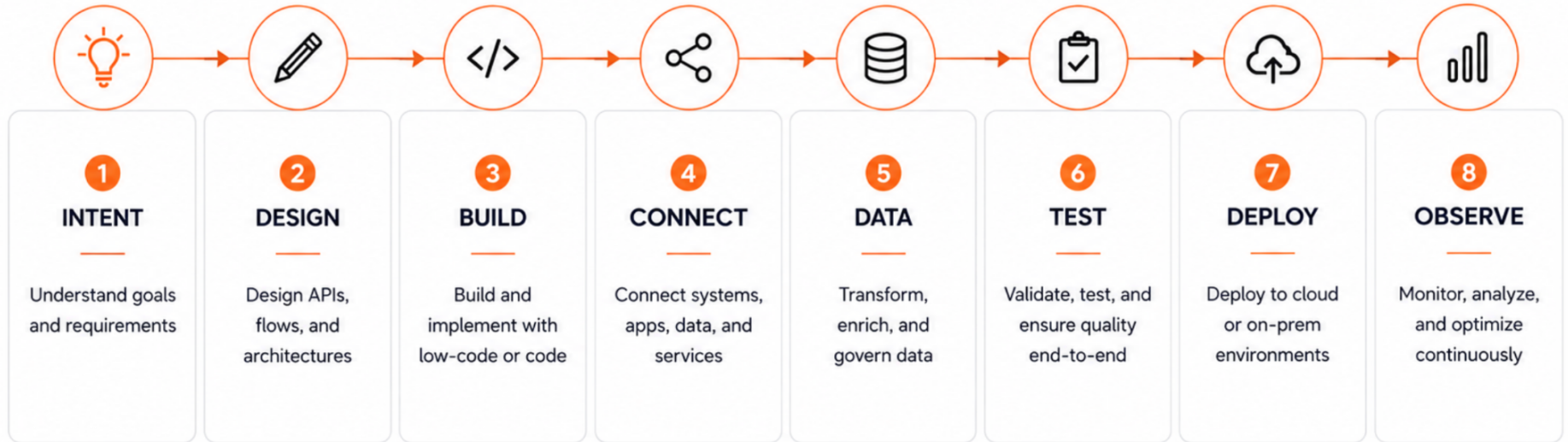
WSO2 Integration Platform

One platform that supports the full integration lifecycle



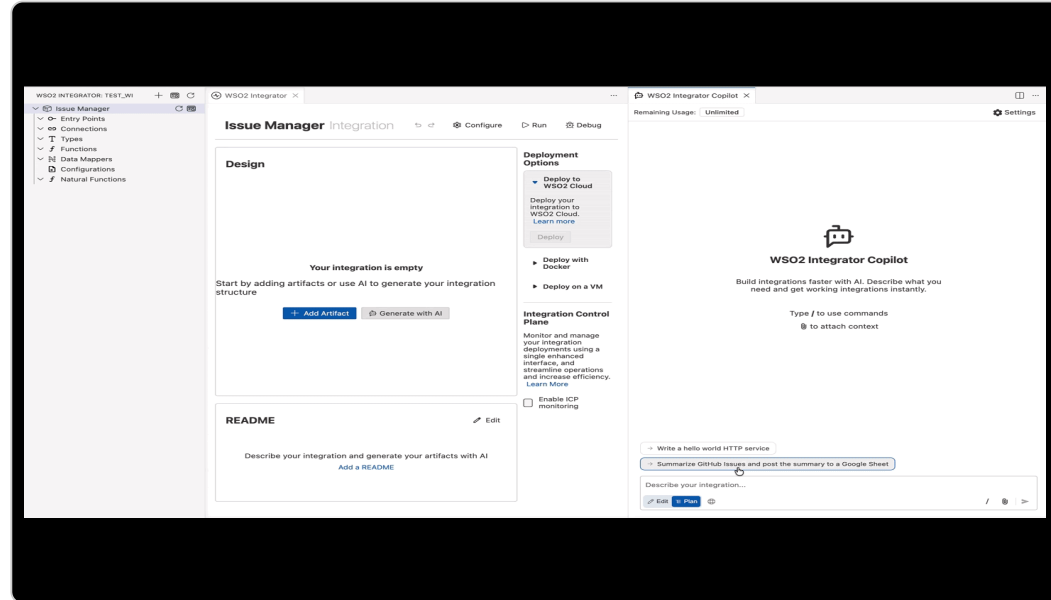
WSO2 supports end-to-end integration development

One platform. Every step of your integration journey.



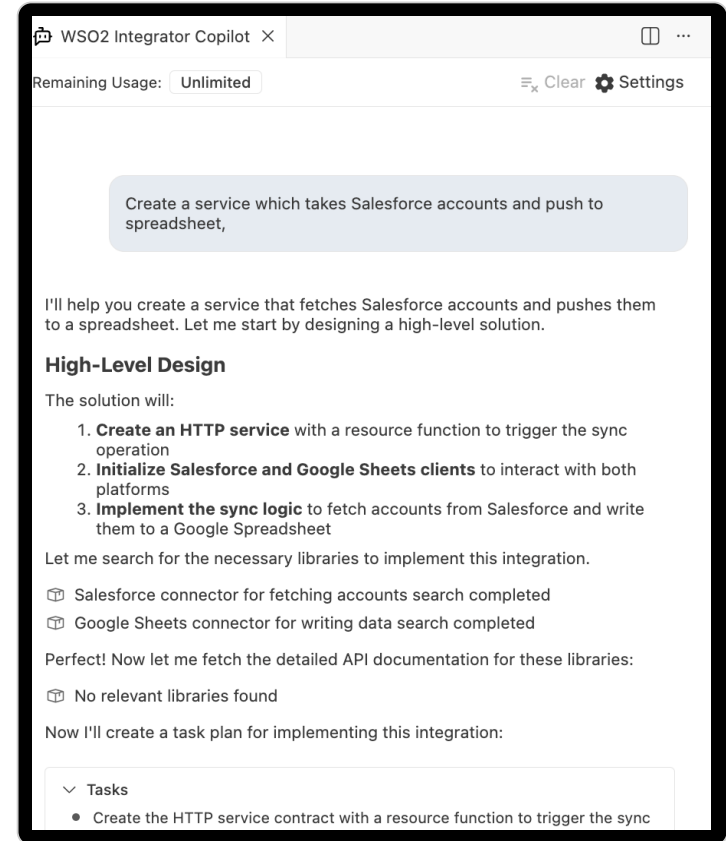
AI-assisted development

- Describe your integration requirements in natural language, and have AI generate the code for you
- In-line code suggestions when adding constructs
- Natural language-based interactive development



AI-assisted development (Agent mode)

- Collaborate with the Copilot to generate an integration plan
- Refine requirements through iterative dialogue
- Generate complete end-to-end integrations
- Continue refinement with visual flow guidance



WSO2 Integrator Copilot ×

Remaining Usage: Unlimited Clear Settings

Create a service which takes Salesforce accounts and push to spreadsheet,

I'll help you create a service that fetches Salesforce accounts and pushes them to a spreadsheet. Let me start by designing a high-level solution.

High-Level Design

The solution will:

1. **Create an HTTP service** with a resource function to trigger the sync operation
2. **Initialize Salesforce and Google Sheets clients** to interact with both platforms
3. **Implement the sync logic** to fetch accounts from Salesforce and write them to a Google Spreadsheet

Let me search for the necessary libraries to implement this integration.

- 📖 Salesforce connector for fetching accounts search completed
- 📖 Google Sheets connector for writing data search completed

Perfect! Now let me fetch the detailed API documentation for these libraries:

- 📖 No relevant libraries found

Now I'll create a task plan for implementing this integration:

Tasks

- Create the HTTP service contract with a resource function to trigger the sync

Bring your own model

- Configure the Copilot to run using an enterprise's own Anthropic accounts
- Supports Claude on AWS Bedrock, and Google Vertex AI (Coming soon: Azure AI Foundry)
- Ensures enterprise-level control over data governance and billing



Welcome to WSO2 Integrator Copilot

Integrate better with your AI pair.

WSO2 Integrator Copilot uses AI to assist with integration. AI-generated content may contain mistakes. Always review changes.

By signing in, you agree to our [Terms of Use](#).

Login using WSO2 Integration Platform

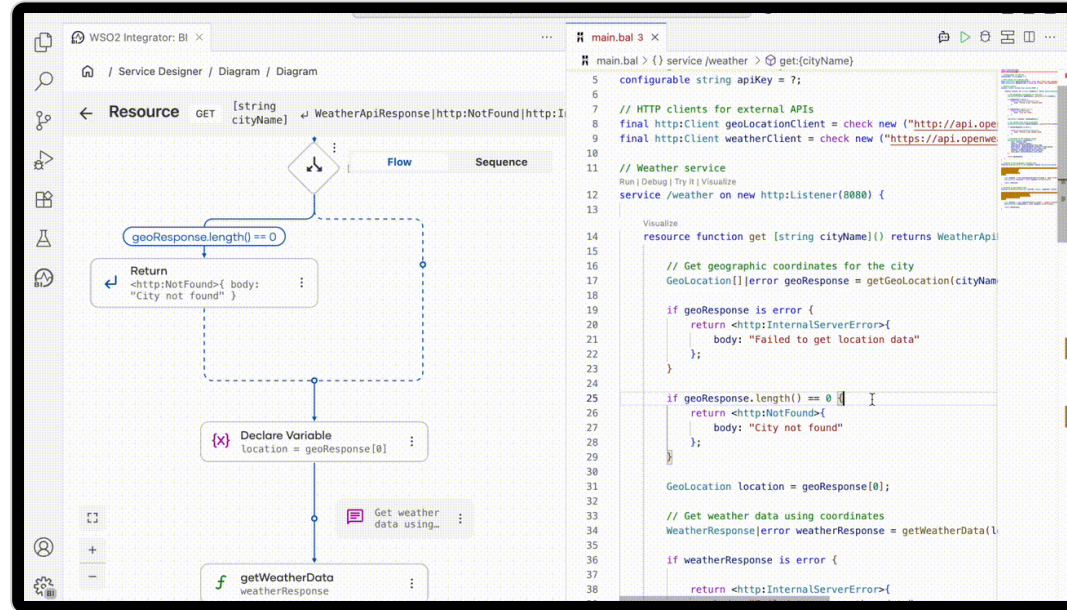
[Enter your Anthropic API key](#)

[Enter your AWS Bedrock credentials](#)

[Enter your Google Vertex AI credentials](#)

Low-code and pro-code development

- Low-code development with 100% pro-code parity
- Low-code and pro-code on a single technology, including fluid switching between the two
- Enables seamless collaboration among business users, integration specialists, and developers
- 100% EIP compliant



Pre-defined integrations

- Templated pre-defined integrations for common use cases
- Users can instantiate and get an integration running in seconds

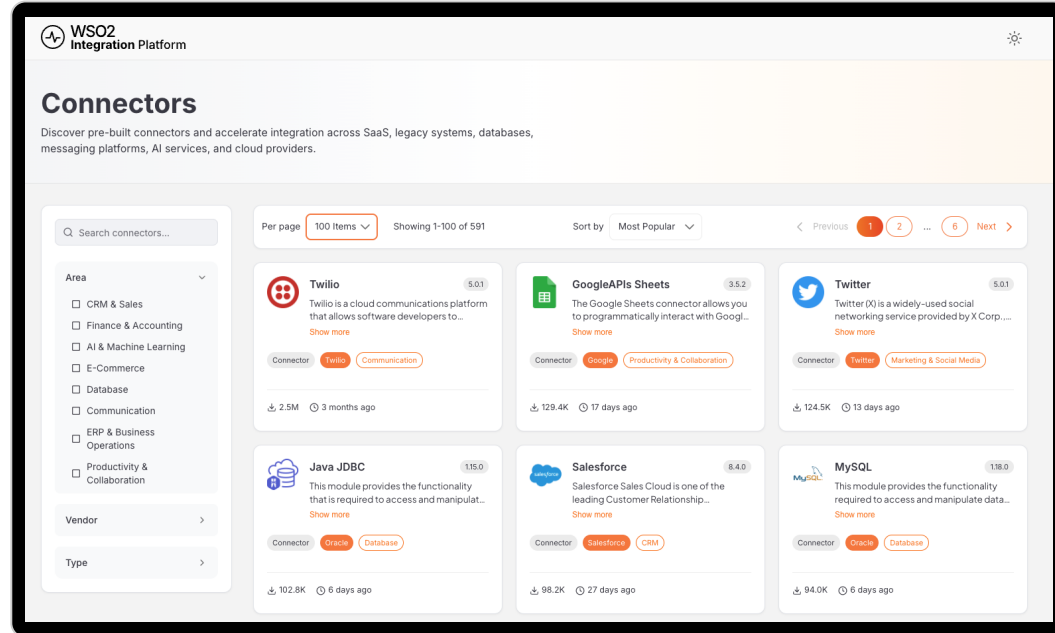
The image displays a grid of eight pre-defined integration templates, each with a title, a trigger icon, a target icon, and a description. The templates are:

- Create a Salesforce Contact When a Ne...** (webhook): When a new customer signs up on Shopify, automatically create a corresponding contact in Salesforce. (Shopify to Salesforce)
- Create a Transaction in QuickBooks Whe...** (webhook): When a Shopify order is marked as completed, automatically create a corresponding transaction record in QuickBooks. (Shopify to QuickBooks)
- Create Salesforce Contact and notify...** (service): This Integration as API creates a new contact in Salesforce and sends a notification to a Google Chat space. (Salesforce to Google Chat)
- Create Stripe Customer when a...** (webhook): This webhook-based Integration as API listens for new customer creation events in Shopify and creates a corresponding customer in Stripe. (Shopify to Stripe)
- Export Salesforce Leads to a Goo...** (scheduled-task): Periodically exports all Salesforce Leads to a Google Sheet. (Salesforce to Google Sheet)
- Export Salesforce Opportunities t...** (scheduled-task): Periodically exports all Salesforce Opportunities to a Google Sheet. (Salesforce to Google Sheet)
- Send a Google Chat message when a...** (webhook): When an issue is labeled in GitHub, this integration sends a message to a Google Chat space with the issue details. (GitHub to Google Chat)
- Send a message to a Slack channel whe...** (webhook): When a new Shopify order is placed, automatically post an order notification message to a designated Slack channel. (Shopify to Slack)



Connectors

- 600+ pre-built connectors
- Generate custom connectors via OpenAPI, WSDL specifications
- AI-powered connector generation pipeline which helps to quickly deliver fully tested, production-ready connectors
- Connector store



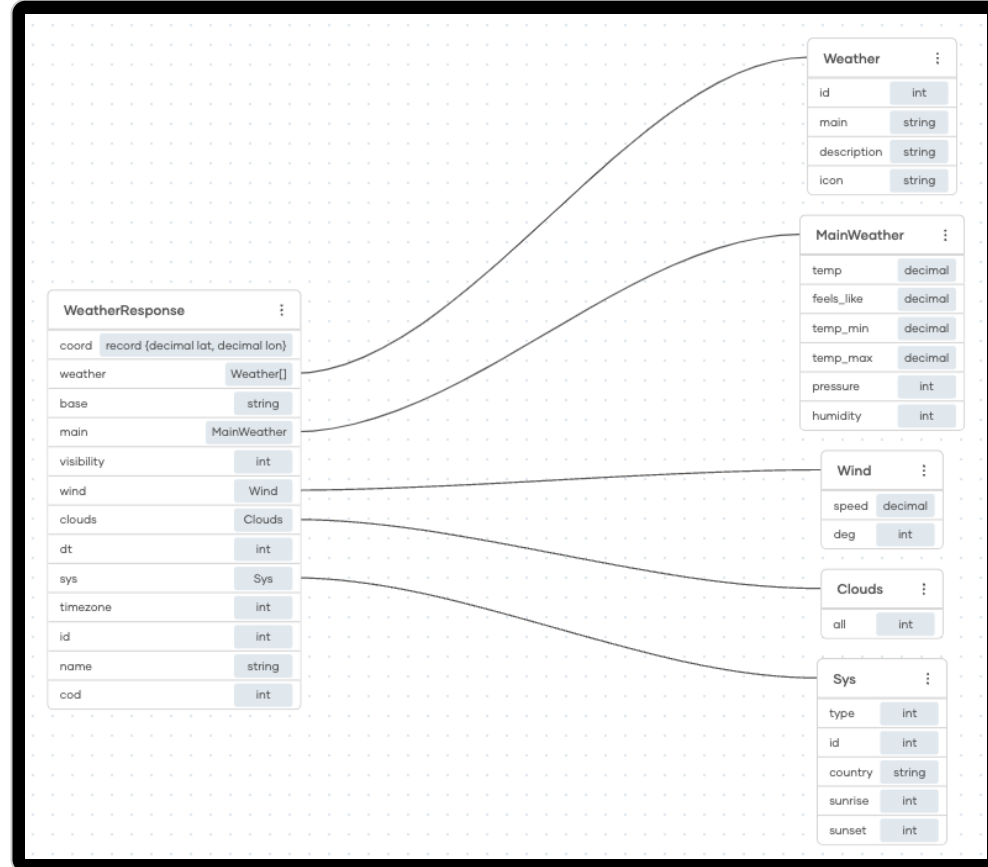
Better abstraction for type/data

- Communicating with similar services (or different versions of a service) where most data is common, and may have service specific data
- Therefore, network programs need to have better data representation
 - Structured data - where type is identified by structure rather than type name
 - Open records/closed records - where open records allow additional fields to be allowed
 - Optional and nillable fields - some fields can be optional, or can take nil/null values



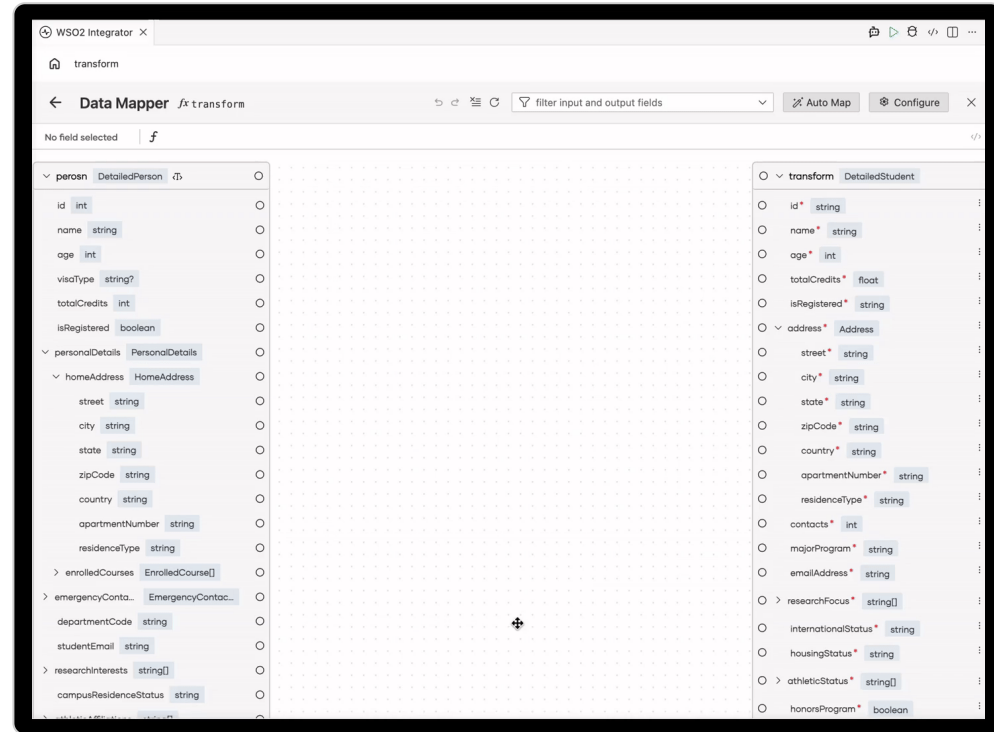
Visualize data

- Easily understand data types, and the relationships between them at a glance
- Useful when using connectors, which requires working with several data types



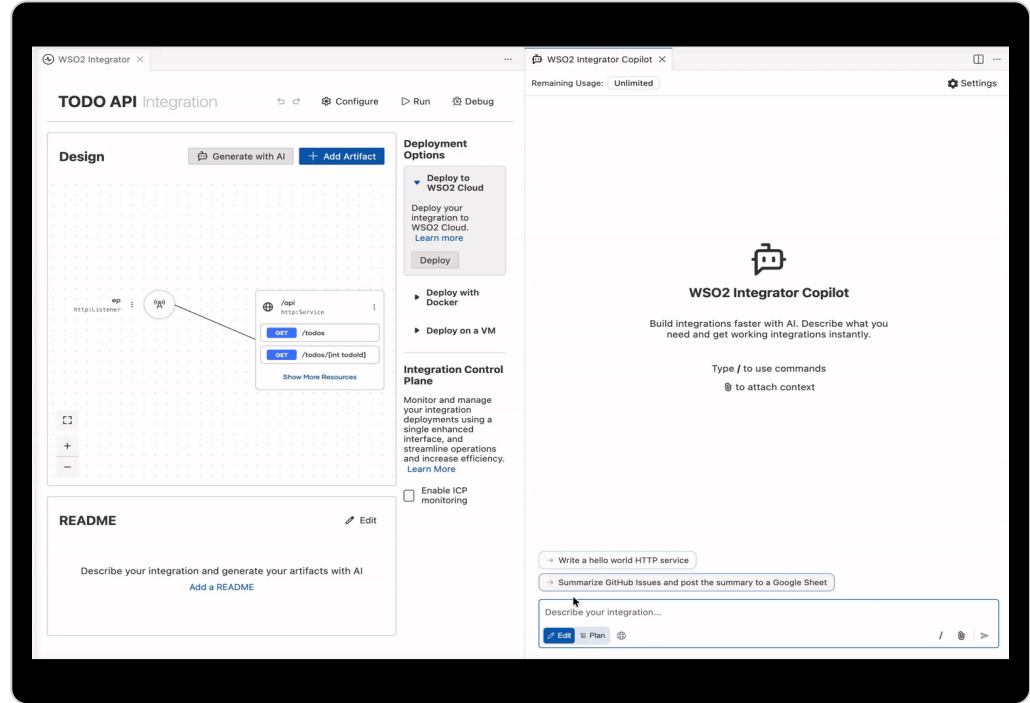
AI-assisted data mapping

- Automatically map data fields between the source and target schemas using AI and a graphical interface
- Upload documents to provide additional knowledge, and assist the data mapping
- Directly import JSON and XML data values, perform array-to-array data transformations, write custom expressions, and more



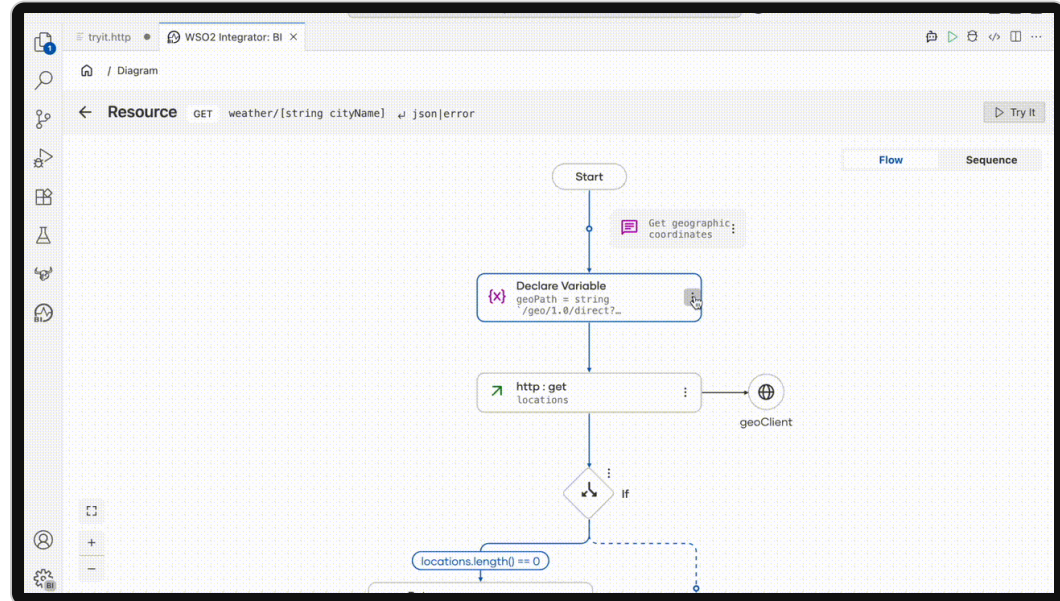
AI-assisted testing

- AI-powered test framework to automatically generate test cases

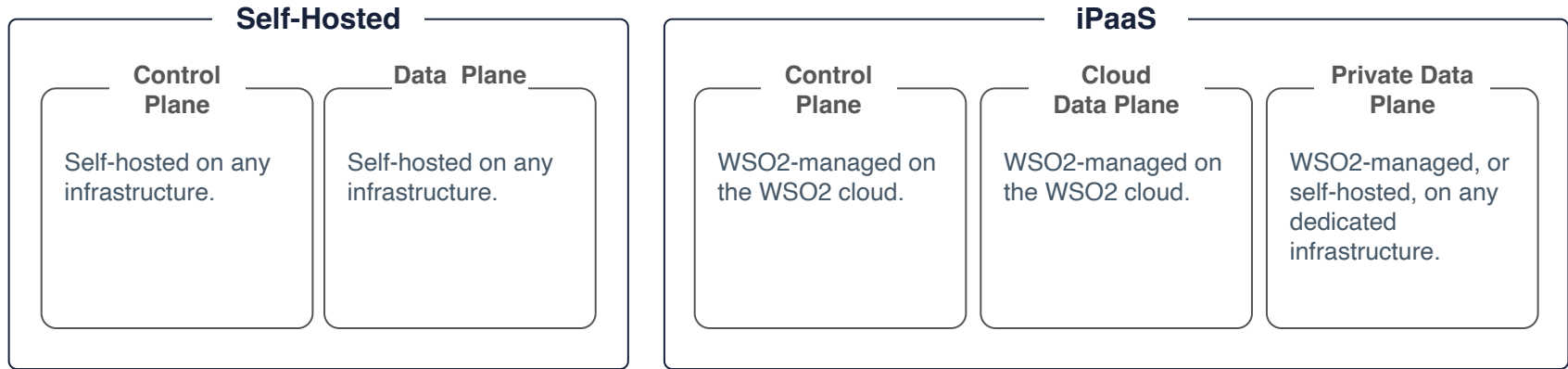


Debugging

- Visual debugging with low-code level breakpoints, and the ability to inspect variables
- Simultaneous low-code and pro-code debugging
- AI powered debugging using WSO2 Integrator copilot

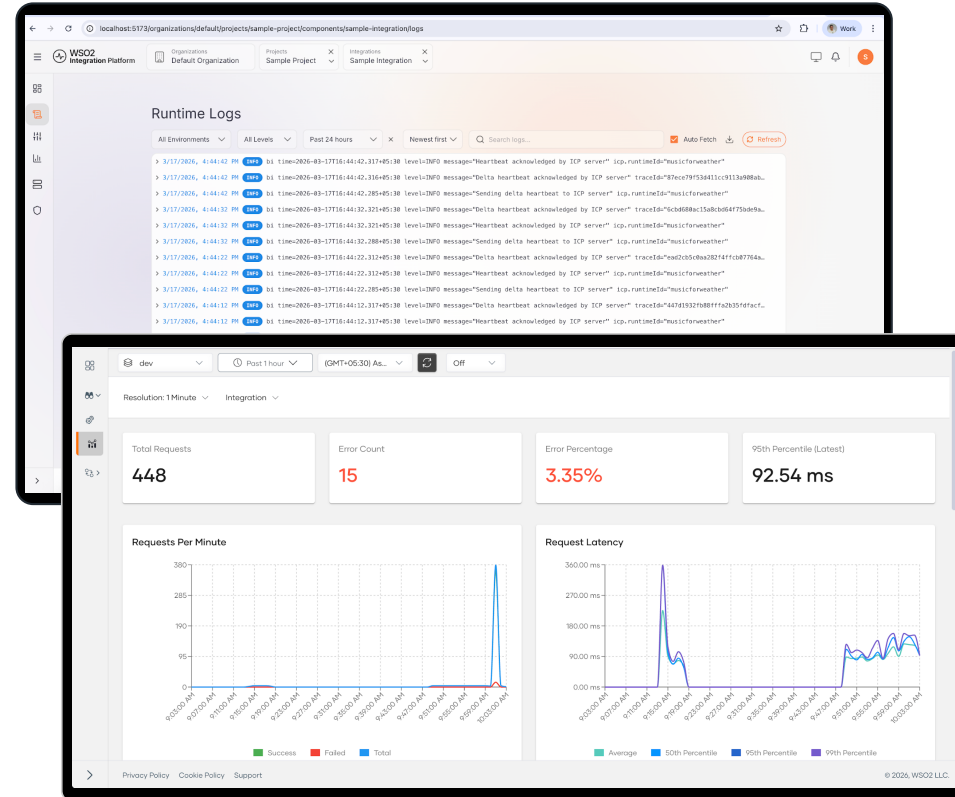


Flexible deployment options



Centralized monitoring and management

- Unified control plane to monitor and manage all integrations
- Centralized operational control to start and stop integrations across environments
- Ability to change log levels at runtime
- Secure authentication with built-in login, OIDC-based SSO, and external user store support
- Project/environment-scoped RBAC



Observability

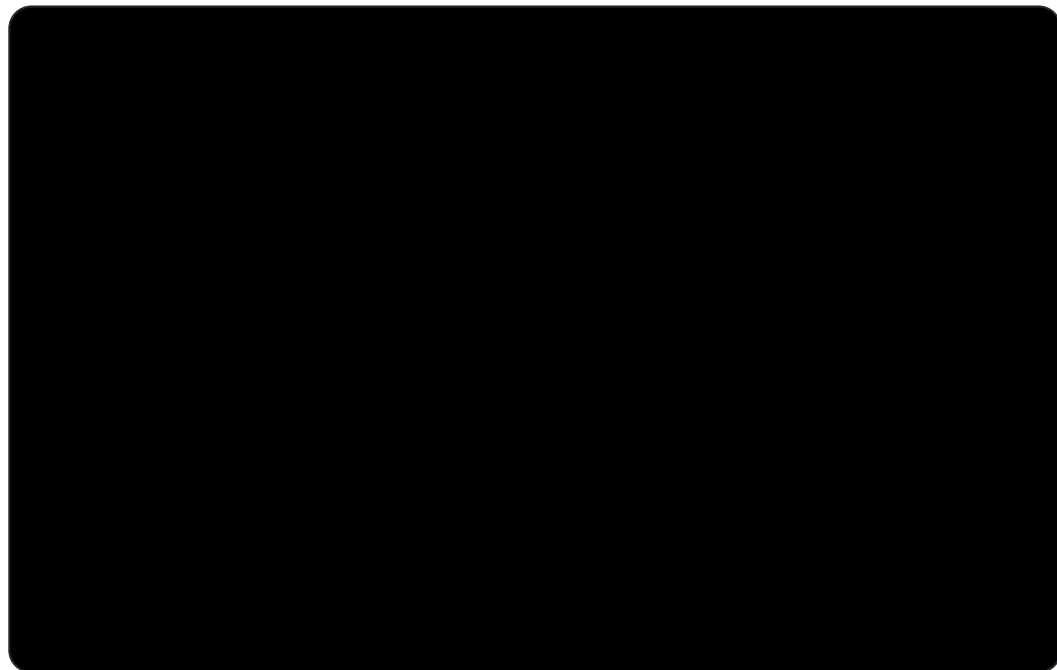
- Out of the box observability in the control plane
- Observable by any 3rd party “Open Telemetry compatible” observability platforms
- Supports well-known industry vendors such as Moesif, Prometheus, Grafana, Jaeger, Zipkin, and Elastic Stack
- Deeper integration with Moesif



Developing AI Agents

AI agents

- Includes comprehensive connectivity to GenAI models, tools (Connectors, APIs, Library functions) and knowledge bases
- Seamlessly integrate AI agents into apps with variety of triggers
- Automated memory management



Agent execution visualizer (dev-time)

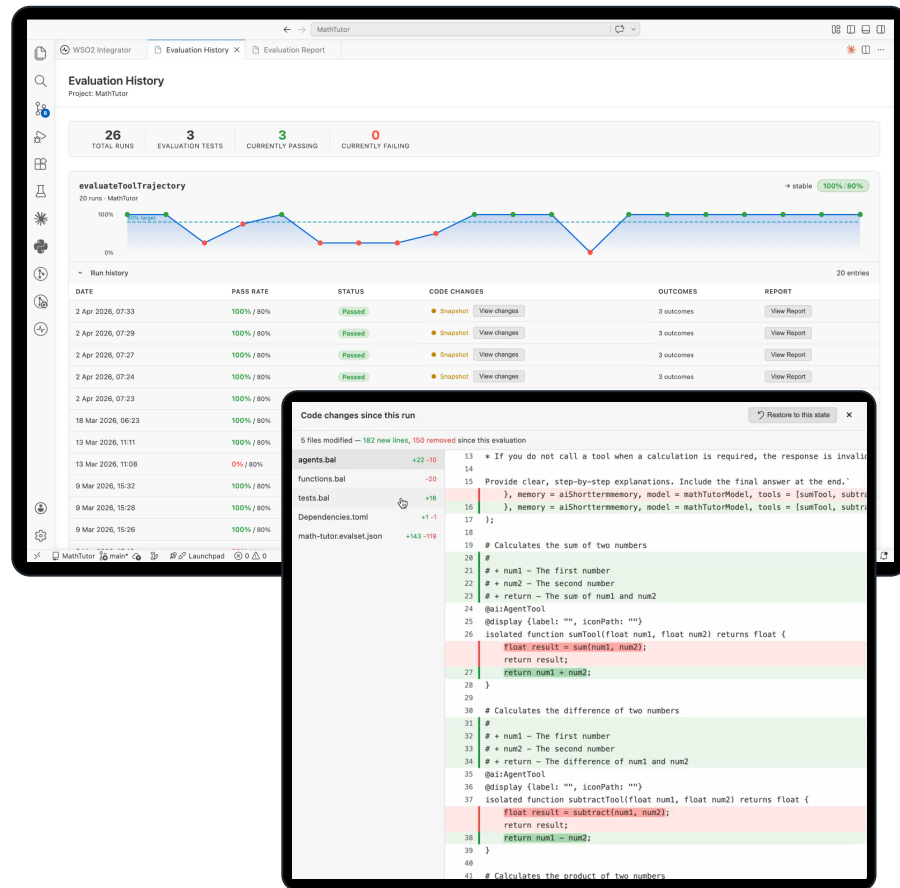
- Provides real-time insight into:
 - Reasoning steps
 - Tool invocation sequences
 - Decision loops
 - Intermediate outputs
- Improves debugging, correctness validation, and agent fine-tuning

The screenshot displays the 'Agent execution visualizer' interface for a 'Math Tutor' agent. The interface is divided into several sections:

- Trace Log (Left):** A vertical list of events including 'Invoke Agent - Math Tutor', 'Chat gpt-4o-mini', 'Execute Tool sumTool', 'Chat gpt-4o-mini', 'Execute Tool subtractTool', and 'Chat gpt-4o-mini'. Each event shows a timestamp and token count.
- Session Traces (Top):** A breadcrumb trail showing the current trace ID: 'Trace: 9ae83859003b36e7a61728e3ace7c261'.
- Trace Details (Center):** A detailed view of the selected trace, including:
 - Metadata:** Latency (3.82s), Total Input Tokens (1105), Total Output Tokens (132), and Provider (Ballerina).
 - Timeline:** Start Time (05/06/2026, 10:20:33.789 PM) and End Time (05/06/2026, 10:20:37.811 PM).
 - Input:** A section for 'SYSTEM INSTRUCTIONS' containing the agent's role ('Math Tutor'), instructions, and rules (e.g., 'You MUST use the provided mathematical tools').
 - User Input:** A text box containing the question 'How much is 3+2-8?'.
 - Output:** A section for the agent's response, which includes a step-by-step explanation: 'Let's calculate 3 + 2 - 8 step by step. 1. First, we add 3 and 2: 3 + 2 = 5. 2. Next, we subtract 8 from the result: 5 - 8 = -3. So, the final answer is -3.'
- Agent Chat (Right):** A chat window showing the interaction between the user and the agent. The user asks 'Hi', 'Hello! How can I assist you with your math questions today?', and 'How much is 3+2-8?'. The agent responds with the step-by-step calculation. The user then asks '4-9+8*5/3'.

Agent evaluation framework

- Run evaluations on execution traces
- Define behavioral tests and AI validation rules
- Collect traces and construct reusable datasets
- Use datasets for experiments and comparisons



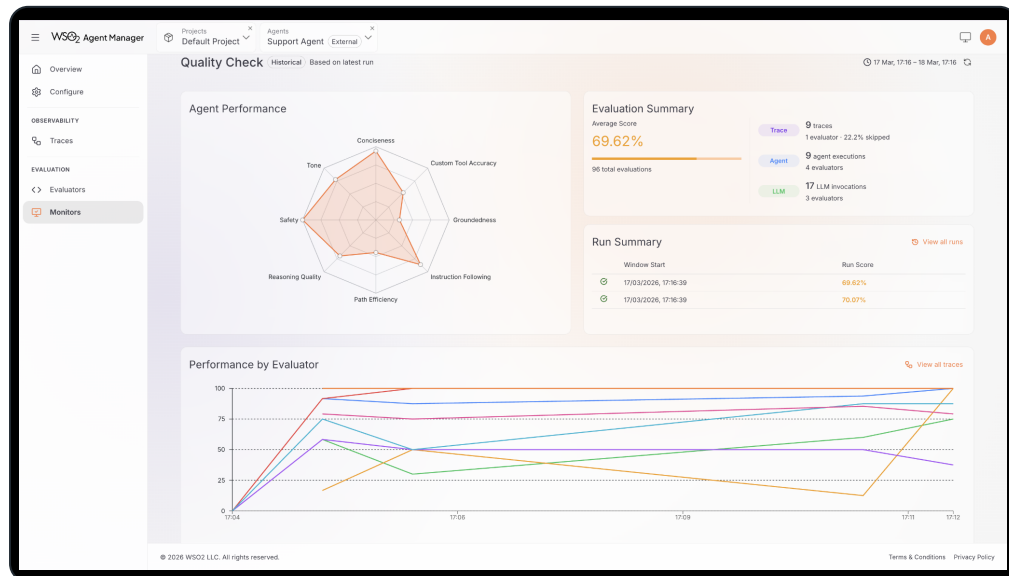
AI agent governance and security

- AI guardrails and governance through [WSO2 AI Gateway](#)
- Configure agent ID settings directly within the agent creation flow through [WSO2 Agent Identity](#) integration

The image displays the WSO2 AI Gateway configuration interface for an AI agent. The main window shows the 'AI Chat Agent' configuration page with various settings like 'Tool Loading Strategy', 'Agent Credentials', 'System', 'Context', and 'Type Decoder'. A workflow diagram is visible, showing a 'Start' node leading to an 'AI Agent' node, which then leads to a 'Return' node. The 'Return' node is configured with the message 'stringResult'. On the right, there is a 'MCP Server' configuration panel with fields for 'URL', 'Requires Authentication', and 'Auth'. Below the main configuration, a terminal window shows the command 'ballerina run' and its output, including the message: 'ballerina started publishing traces to IdTTraceProvider (OTLP/HTTP) on http://localhost:59088/v1/traces (real-time mode)'. The terminal output also includes a warning: 'Using STATELESS or AUTO mode.'.

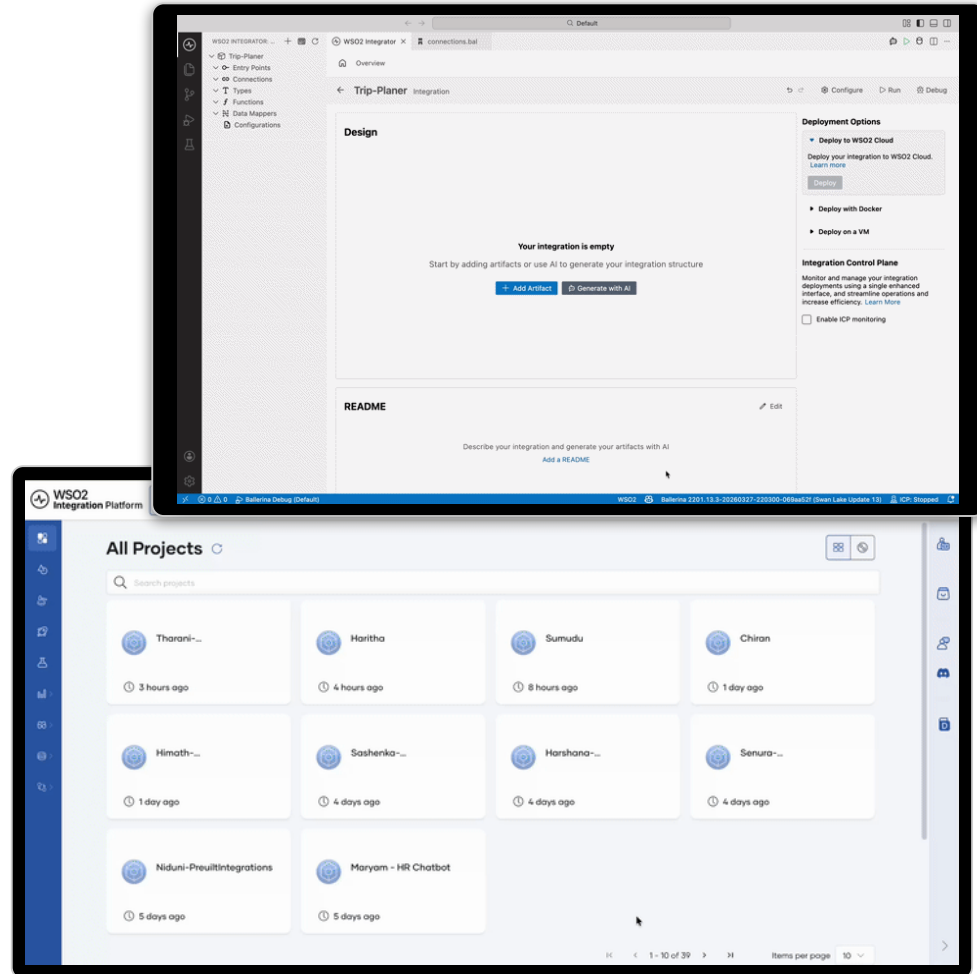
AI agent observability

- A simple configuration to turn on comprehensive observability
- Based on OTel protocol
- Supports variety of observability frameworks



GenAI apps

- Build customer-facing apps that combine LLMs, APIs, events, and data services to deliver personalized experiences
- Supports direct LLM calls and RAG
- Support for multi-modal
- Ability to deploy RAG ingestion pipelines as service or automation



Integrations no longer just connect systems. They become the execution layer for intelligent enterprises.



CLOUD



SYSTEMS



DATA



PEOPLE



YESTERDAY

Connect data



TODAY

Automate workflows



TOMORROW

Reason • Decide • Act



AI AGENTS



APIs



WORKFLOWS



DECISIONS

Code → Click → Connect

One Platform. Every Integration Journey.



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Thank You!



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