

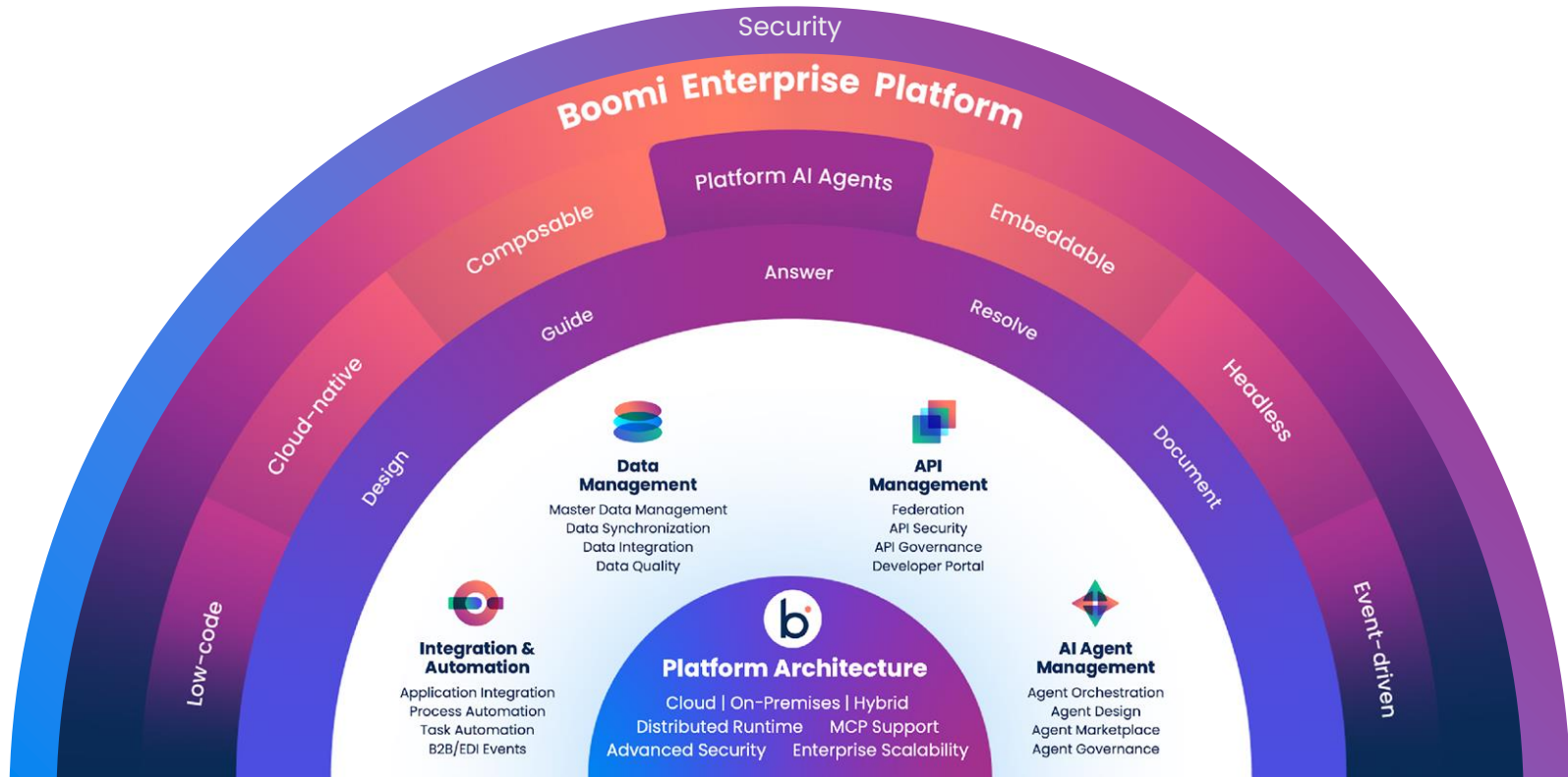
Boomi AI Agents & Agentstudio

 Barry Gerdson
Field CTO – Channels & Alliances

boomi

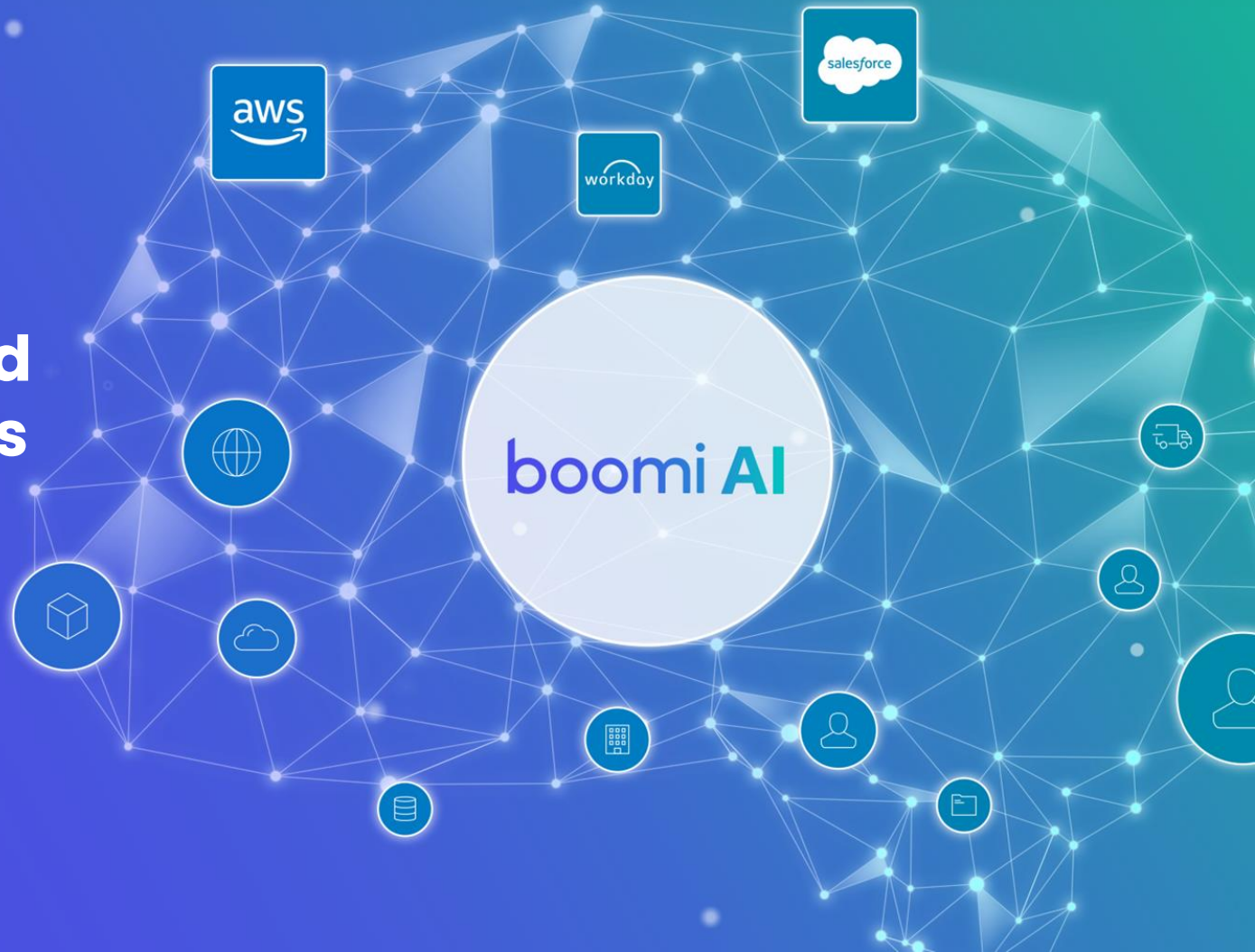
One Platform

for Agentic Transformation



A suite of AI-powered capabilities

Integrate and
automate faster
through a
**conversational
experience**



Boomi Agentstudio

The only full agent lifecycle management solution that empowers organizations to simply design, govern, and orchestrate all AI agents at scale

Boomi Enterprise Platform

Boomi Agentstudio

Govern

Design

Orchestrate



Agent Designer

Tools
Guardrails
Knowledge Integration
Foundation Models



Agent Marketplace

Agents
Models
Connectors
Agent Recipes



Agent Garden

Training Sandbox
Agent Collab Protocols
Lifecycle Management
Hallucination Detection



Platform Architecture

Cloud | On-Premises | Hybrid
Distributed Runtime MCP Support
Advanced Security Enterprise Scalability



Agent Control Tower

Registration
Monitoring
Observability
Traceability

Agenda

01

Boomi as an AI Orchestrator

02

AI Agents Built Into Boomi

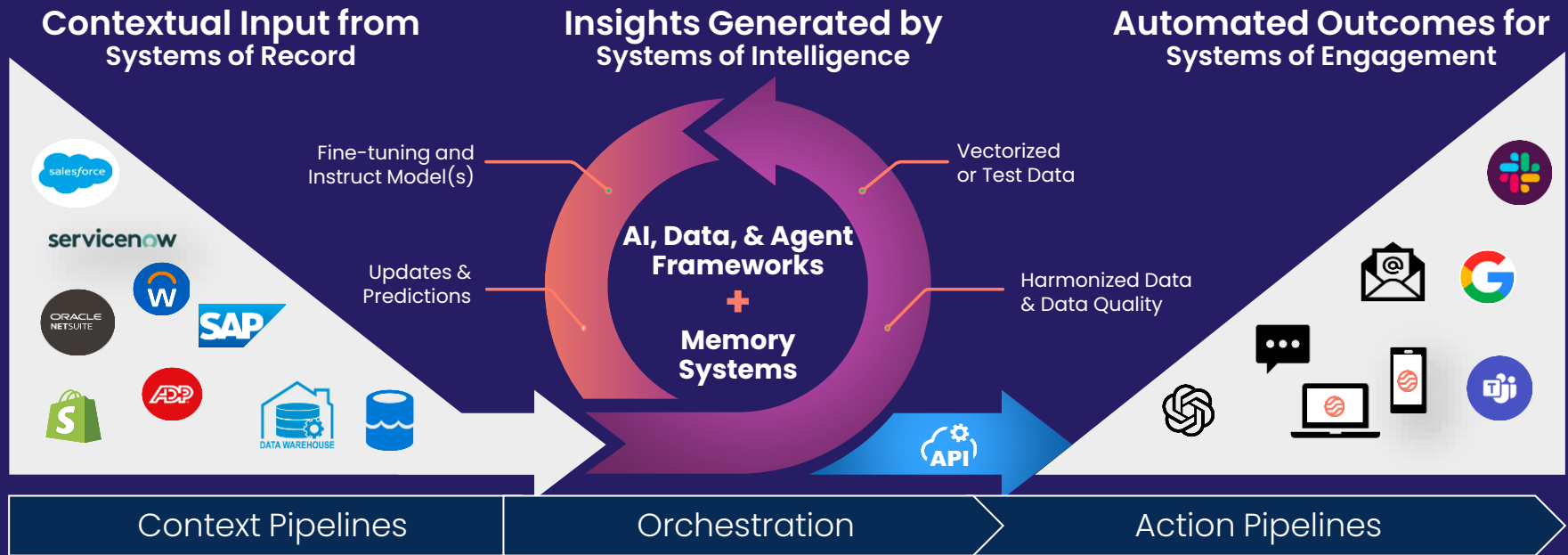
03

AgentStudio

How Boomi Can Orchestrate & Facilitate AI objectives




Make Boomi Your AI Orchestration Layer



Boomi Discover Portal AI Recipes

Visit Boomi's Discover Portal to download reusable AI Recipes that can be used in your environment.

 Services ▾ Discover Resources ▾ Labs ▾ Settings ▾ Boomi_BarryGerdson ▾ Internal

AI ? ✉ Sign Out

Discover | Discover Home All Solutions All Connectors

10 Results

Solution Type: AI Agent x Clear All

Q What are you looking for?

Sort by: Most Popular ▾

Filters

Solution Types

☐ Accelerator

☒ AI Agent

☐ Recipe

Applications

▾

Job Functions

▾

Use Cases



▾

Built By

▾

Service Type


▾

AI Agent

Web Search Agent



Boomi



AI Agent

Dynamic Process Routing Agent Tooling



Boomi

AI Agent

Salesforce Opportunity Summarization Agent



Boomi

AI Agent

Shopify Analytics Summarization Agent



Boomi

AI Agent

Jira Epic Summary Agent



Boomi

AI Agent

Error Parsing and Routing Agent



Boomi

AI Agent

Stripe Customer Agent



Boomi

AI Agent

Customer Service RAG Agent

Boomi

AI Agent

Salesforce Case Summarization Agent

Boomi

How Boomi has built AI into the platform



Boomi AI Agents available in the Boomi Enterprise Platform.

Learn more at boomi.com/ai

Boomi Answers

Boomi GPT (pre-installed)

Boomi DesignGen (pre-installed)

Boomi Scribe (pre-installed)

Boomi Answers (pre-installed)

Boomi DataDetective (Early Access)

Boomi Pathfinder (pre-installed)

Boomi HubGen (pre-installed)

Resolve Agent (pre-installed)

API Documentation Agent (pre-installed)

API Design Agent (pre-installed)

Integration Advisor Agent (pre-installed)

Boomi GPT & DesignGen Agents

Ask GenAI to design your integration process based on 300M+ common patterns and best



Services ▾

Discover

Resources ▾

Labs ▾

Settings ▾

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Internal

AI



Sign Out



Improve productivity with AI agents in [AI Agent Garden](#) →



How can I help you?



Here are examples of endless possibilities



Connect Salesforce to NetSuite



Build an integration to get SAP inventory document details



Build an integration for processing success notifications



Develop a process for reading files from disk



Create process documentation for #



Why is my process not splitting XML documents?

Boomi Scribe

Skip manually writing documentation about your existing and AI-generated integration processes. Let GenAI handle your busywork of detailing process description and business use case.

📄 👍 💬 Boom DesignGen

AI I found existing connections for the following connectors. Do you want to use them?

[New Conversation](#)



shopify

- ☐ Create new connection
- ☒ Choose existing connection

Shopify (Boomi Demo)



amazons3

- ☐ Create new connection
- ☒ Choose existing connection

My AWS S3



queue

- ☒ Create new connection
- ☐ Choose existing connection

Select

Looks good

📄 👍 💬 Boom DesignGen

AI All done. The integration is ready to configure. What would you like to do?

This process is used to retrieve Shopify order data and send it to an Amazon S3 bucket and a Boomi Atom Queue. Its purpose is to fetch order information from the Shopify e-commerce platform, transform the data as needed, and integrate it into both an S3 object storage and a message queue for further processing and analysis.

⌵ Show more

Take a look

Process Documentation

📄 👍 💬 Boom DesignGen

+ How can I help you?



Boomi AI

Recent Delivery Highlights

Scribe in Canvas

- Ability to generate documentation for any version or branch in canvas
- Process schedules information

Boomi Resolve with AI

- The Agent leverages multiple AI models to understand error context better and recommend a resolution for the same, within few seconds.

The screenshot displays the Boomi AI interface, highlighting the 'Main_NetSuite_Customer_to_Zuora_Account_CREATE 2' process. The interface includes a canvas for process design and a sidebar for process documentation and schedule information.

Process Documentation

formatting to ensure the customer information is accurately persisted in Zuora.

- Object Name: Account
- Operation Type: CREATE

• Stop[stepname= "Stop"]; Marks the successful completion of the process, indicating that the customer data has been successfully synchronized from NetSuite to Zuora.

Process Schedule

The process schedule below outlines the execution timings for this version of the deployed process. The schedule execution time is based on the runtime's time zone.

AtomID	Minutes	
6fb1e0ec-7a8c-48cd-bb33-801419c2601c	Not Applicable	9 AI
6fb1e0ec-7a8c-48cd-bb33-801419c2601c	Not Applicable	2 PI
6fb1e0ec-7a8c-48cd-bb33-801419c2601c	Every 15 minutes	8 AI

Boomi Scribe

at com.boomi.connector.custom.CustomGetConnectorAction.invoke(CustomGetConnectorAction.java:47)
Show All

Generate Solution with Boomi Resolve

Boomi Resolve Solution

Follow these steps:

1. Check the SFTP server's availability and ensure it is online.
2. Verify the connection details (host, username, password).
3. Increase the connection timeout in the process settings.
4. Reattempt the connection or manually trigger the retry.

ADDITIONAL RESOURCES

- [Documentation](#)
- [Community Article](#)

Boomi Pathfinder

Executions

Integration Build Deploy Manage

Execution Process

Past Week Add Filter

Time	Process	Actions	Atom	In	Out	Elapsed Time	Error Message
08 Jul 2024 06:00:00	Solutions Curated Google Analytics data	USactinmediabasic	1	0	0	0:00	Your security policy has p
08 Jul 2024 04:01:02	Update Overall Insights Table	USactinmediabasic	1	0	0	0:00	Error received executing
08 Jul 2024 04:00:00	Update Overall Insights Table	ProBACS	1	0	0	0:00	Error received executing
07 Jul 2024 18:00:00	WSAPPTR: Integration AWS Usage	USactinmediabasic	0	0	0	0:00	Process is already running
07 Jul 2024 06:00:02	Solutions Curated Google Analytics data	USactinmediabasic	1	3	0	0:00	Your security policy has p

Boomi Answers

Save time from searching through user community discussions and articles. Simply ask questions about Boomi and get the most useful answer from over 250K+ community users.



Improve productivity with AI agents in [AI Agent Garden](#) →



How can I help you?



Here are examples of endless possibilities



Connect Salesforce to NetSuite



Build an integration to get SAP inventory document details



Build an integration for processing success notifications



Develop a process for reading files from disk



Create process documentation for #



Why is my process not splitting XML documents?

Boomi DataDetective

Stay on top of data privacy and protect sensitive information with AI-powered data classification. Track where you are moving your data across regions.

PII Data Insights

Powered by



Track the location and movement of your PII data. Search by process, PII category and connector

Data Detective

Visual Table

Q Data field or process

Country

Select a country

PII category

F Financial (76)

H Health (74)

J Job (65)

P Personal (73)



Processes

8

Data Fields

181

Countries

10

Connectors

14

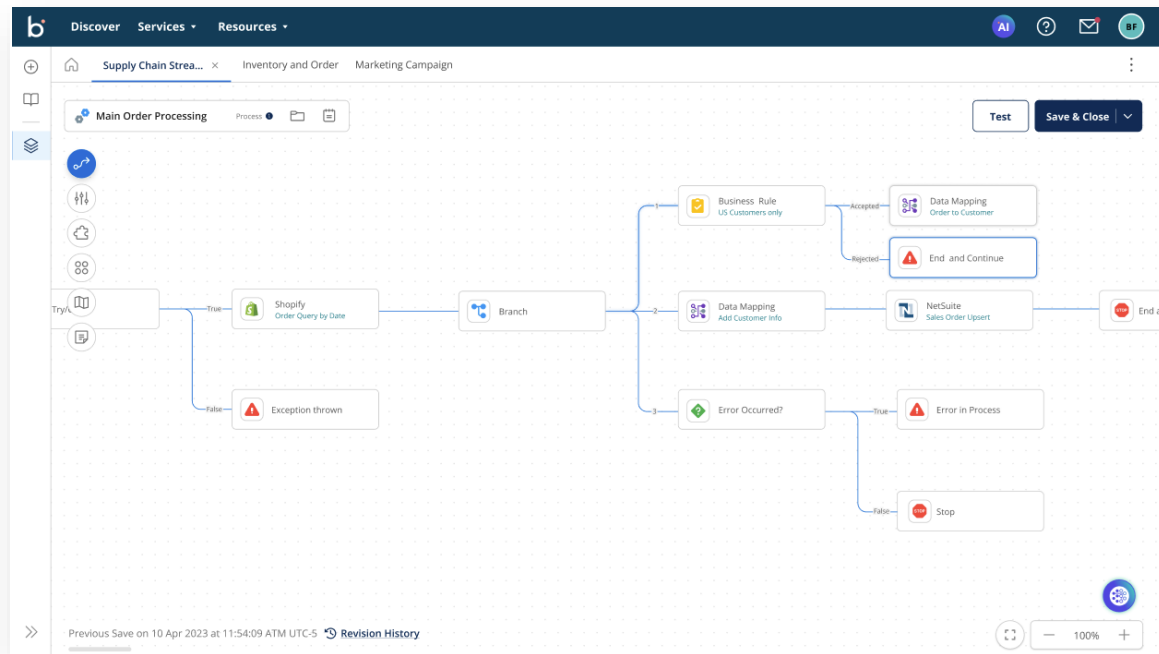
PII Categories

4



Boomi Pathfinder

Provide patented suggestions on the next best steps to take when building integration processes with automated data mapping, building blocks, error resolution, and more.



Integration Advisor Agent

Helps you streamline and optimize your business workflows.

The Integration Advisor Agent reviews your process and provides the following types of recommendations based on [Boomi best practices](#):

- **Naming Conventions**
- **Error Handling**
- **Process Optimization**



Generate OpenAPI Spec with API Design Agent

Use AI to generate a deployment-ready 3.1.0 OpenAPI specification.

1. In API Control Plane, select **APIs > Actions**.
2. Select **Generate OpenAPI Specification**.
3. Populate the following mandatory fields:
 - Technical Name**
 - Display Name**
 - Status** - active or not
 - Owner**
 - API Purpose** - The business problem or key domains it manages.
 - API Consumers** - The primary users or consumers of the API and how they interact.



Boomi HubGen

Streamline data synchronization, merging accurate information from various sources into a single source of truth

The screenshot displays the Boomi HubGen AI Agent Garden interface. At the top, a dark blue navigation bar contains the Boomi logo, a menu with 'Services', 'Discover', 'Resources', 'Labs', 'Settings', and 'Boomi_KenJaroenchisakon', an 'Internal' button, and user controls including an 'AI' icon, a help icon, an email icon, and a 'Sign Out' button. The main content area features a large, colorful gradient background. In the center, there is a circular 'AI' icon with the text 'Improve productivity with AI agents in AI Agent Garden →' below it. Below this is a search bar with a plus icon, the placeholder text 'How can I help you?', and a search icon. Underneath the search bar, the text 'Here are examples of endless possibilities' is displayed. A grid of six cards follows, each with a red gear icon and a description: 'Connect Salesforce to NetSuite', 'Build an integration to get SAP inventory document details', 'Build an integration for processing success notifications', 'Develop a process for reading files from disk', 'Create process documentation for #', and 'Why is my process not splitting XML documents?'. A mouse cursor is visible over the last card. The footer contains the Boomi logo, 'Copyright 2024 Boomi, LP.', and links to 'Boomi.com', 'Platform Status & Announcements', and 'Policy'.

b Services ▾ Discover Resources ▾ Labs ▾ Settings ▾ Boomi_KenJaroenchisakon ▾ Internal AI ? ✉ Sign Out

AI

Improve productivity with AI agents in [AI Agent Garden](#) →

+ How can I help you? ↵

Here are examples of endless possibilities

- Connect Salesforce to NetSuite
- Build an integration to get SAP inventory document details
- Build an integration for processing success notifications
- Develop a process for reading files from disk
- Create process documentation for #
- Why is my process not splitting XML documents?

b Copyright 2024 Boomi, LP. [Boomi.com](#) [Platform Status & Announcements](#) [Policy](#)

**How Boomi enables you to
create and control your
own AI Agents**



Agent Boom Ignites New Sprawl

360+

Applications

1,000+

Data Stores

10,000+

APIs

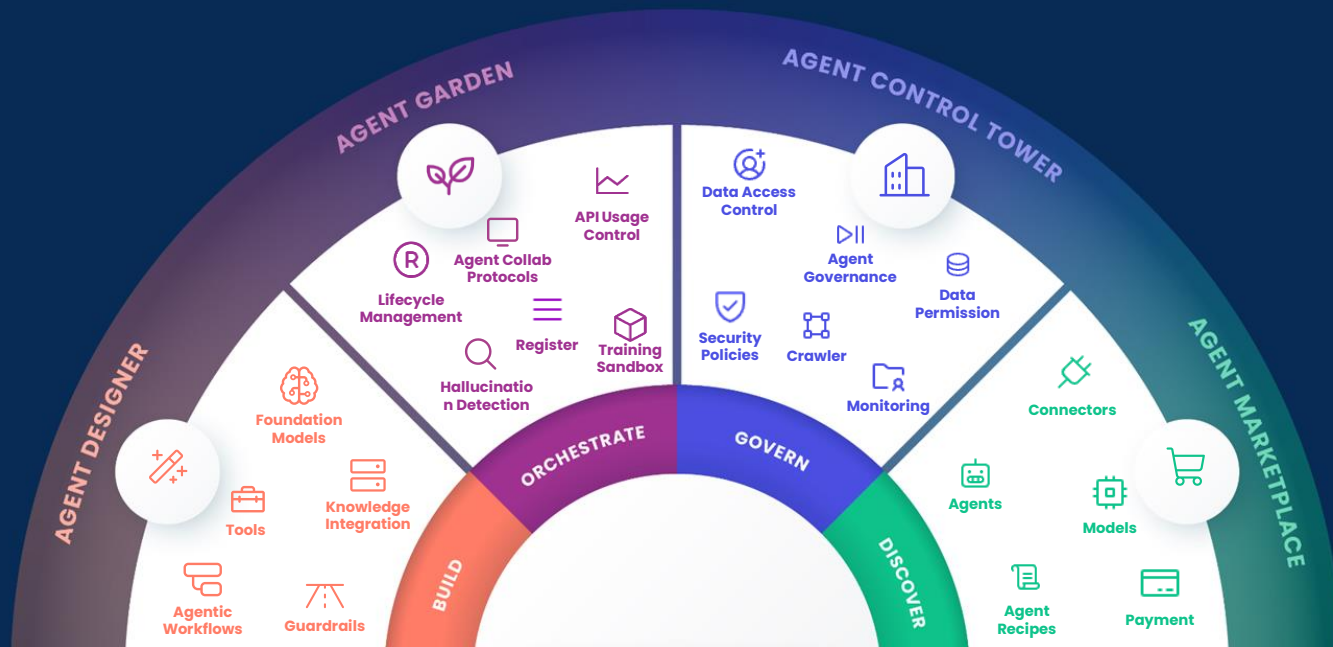
1K - 10K+

Projected AI Agents



Boomi Agentstudio

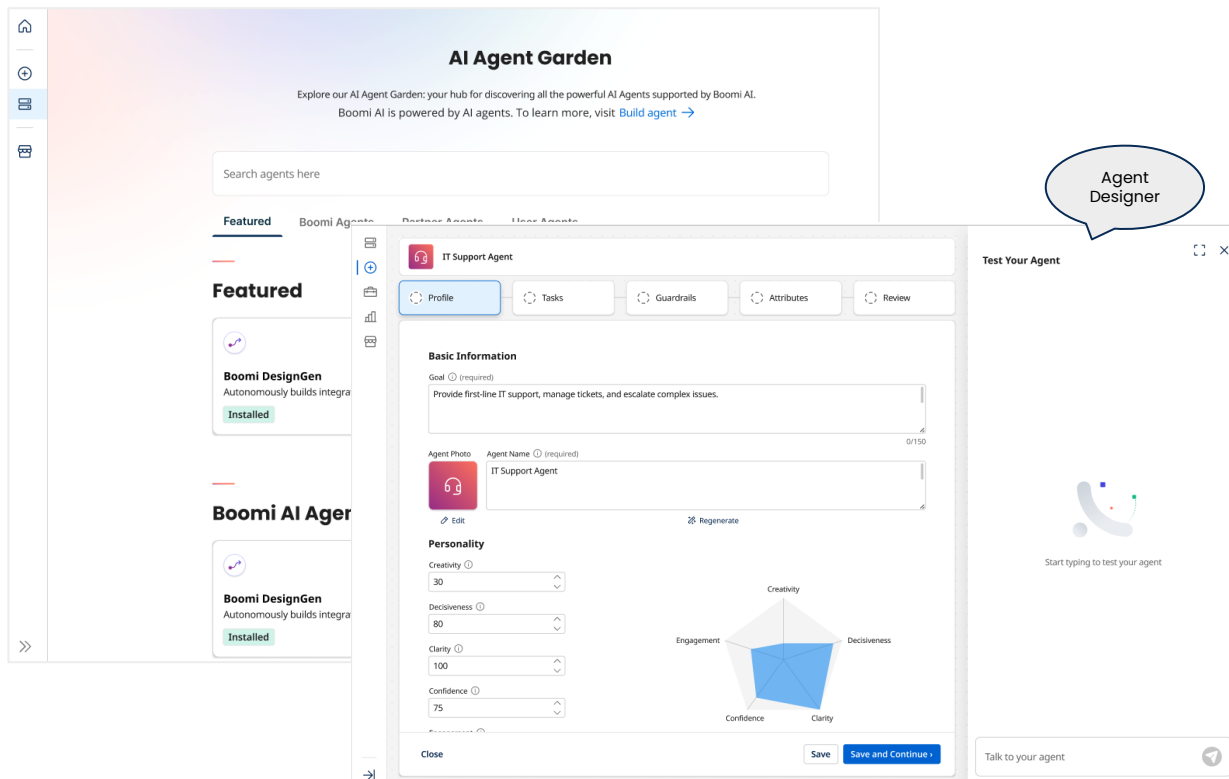
Trusted Enterprise AI Management solution
to discover, build, and govern AI agents with no-code



Agent Designer

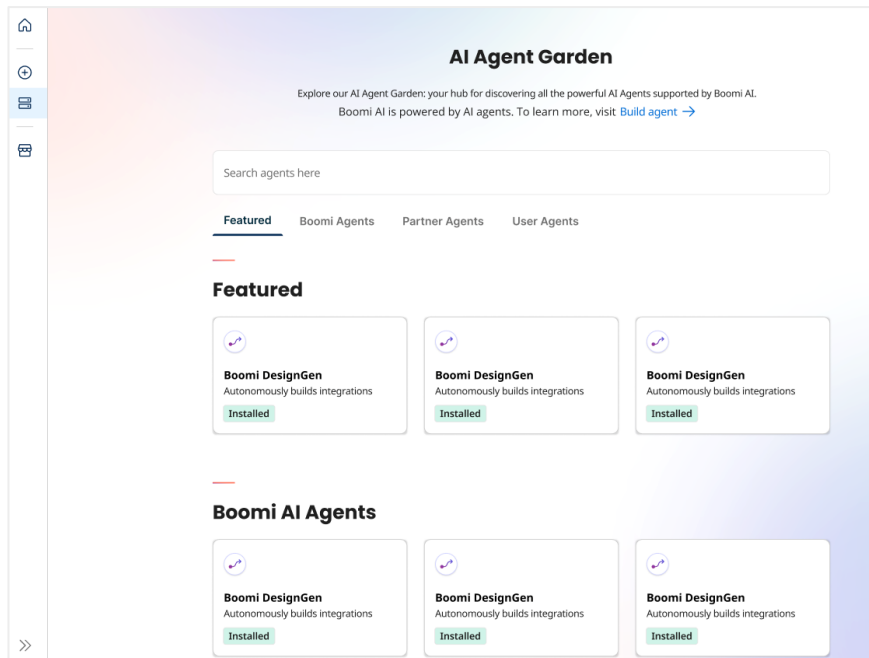
Scale agent creation with agent templates and tools. Easily train agents using trusted data and improve their usefulness with hallucination detection.

Preview



Agent Garden

Streamline the AI lifecycle and enable multi-agent collaboration. Deliver useful, dependable outputs with hallucination detection and API usage controls.



AI Agent Designer Demo

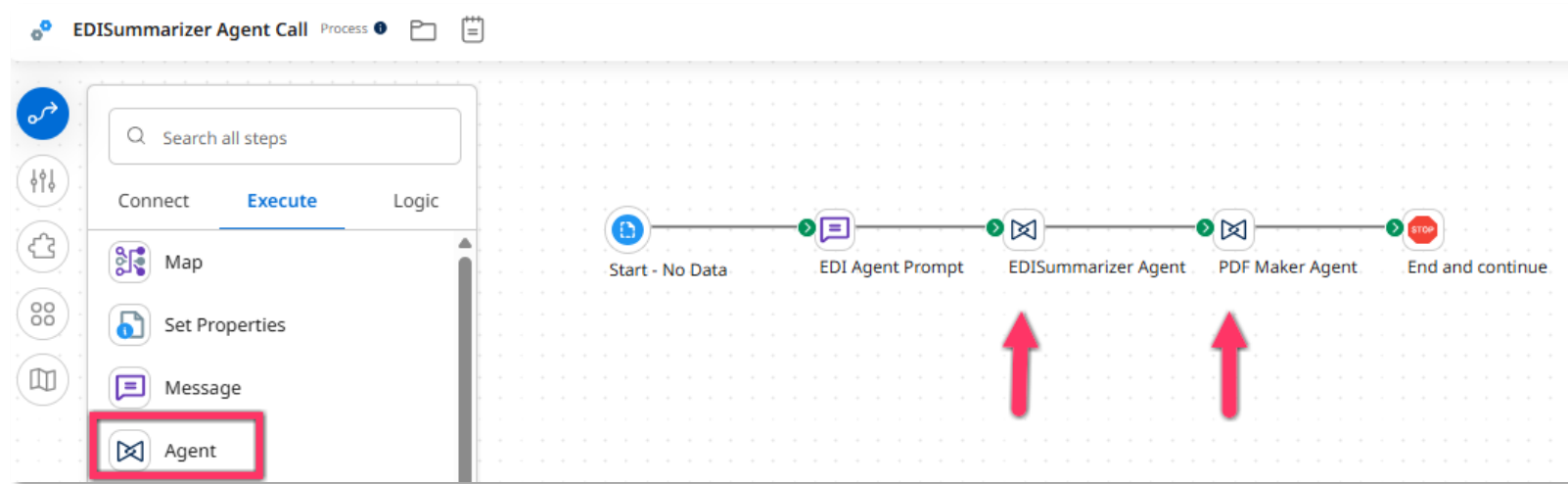


Use Your Created Agents In Your Boomi Processes

Fostering Modularity, Reusability & Orchestration

Through the use of the Agent Connector, you can make use of the newly created Agent in your Boomi processes.

In this way, you can orchestrate calls to multiple AI Agents, with the results of one agent potentially feeding the next.



Agentic Automation Examples

Employee Lifecycle Management Agent

Coordinates onboarding and offboarding

HR

IT

Invoice Processing Agent

Extracts and validates data from invoices

Finance

Contract Analysis Agent

Extract clauses, ensure compliance, and identify risks to fast-track contract review

Legal

Data Quality Agent

Identify broken customer records and auto-correct with trusted sources

IT

Expense Report Agent

Reviews expense reports for policy compliance, flags violations, and approves routine ones.

Finance

Vendor Onboarding Agent

Collects required documents, verifies vendor info, automates approval workflows

Procurement

Data Privacy Agent

Identify personally identifiable information, financial details, health records, and other sensitive data, replacing them with placeholders.

IT

Deal Summary Agent

Create deal summaries from CRM and provide suggested next steps

Sales

Order Fulfillment Agent

Tracks orders, confirms inventory, triggers fulfillment.

Procurement



Agent Control Tower

Govern agents and their activities with always-on monitoring to mitigate security and compliance risks.

Preview

The screenshot displays the Boomi AI Studio Agent Control Tower interface. The main dashboard shows a large graphic with the text "AI Agent Control Tower" and a list of agents. The "Total Agents (3000)" panel on the right lists agents such as Boomi Answers, Boomi Scribe, Boomi Pathfinder, and Boomi HubGen. The "All Agents" table lists agents with columns for Agent Name, Account, Model, Tools, Tags, Trust Level, Last Updated, Status, and Action. The "Boomi Scribe" agent is highlighted, showing details like Account (boomindm-MDR648), Model (GPT-4), and Status (Active).

Agent Name	Account	Model	Tools	Tags	Trust Level	Last Updated	Status	Action
Boomi Scribe	boomindm-MDR648	GPT-4	4	Internal	Endorsed	13 Nov 2024 12:34...	Active	
Boomi Design Gen	Boomi	GPT-4	5	enterprise	Endorsed	13 Nov 2024 12:34...	Active	
Workforce Optimizati...	918-52-23622147	Claude 3.5 Haiku	7	tr	Deprecated	13 Nov 2024 12:34...	Failed	
Sustainability & Emer...	boomindm-MDR648	GPT-4	5					
Workforce Optimizati...	918-52-23622147	Claude 3.5 Haiku	7					
Workforce Optimizati...	918-52-23622147	Claude 3.5 Haiku	7					



Why Agent Control Tower?

Automation without oversight can be catastrophic

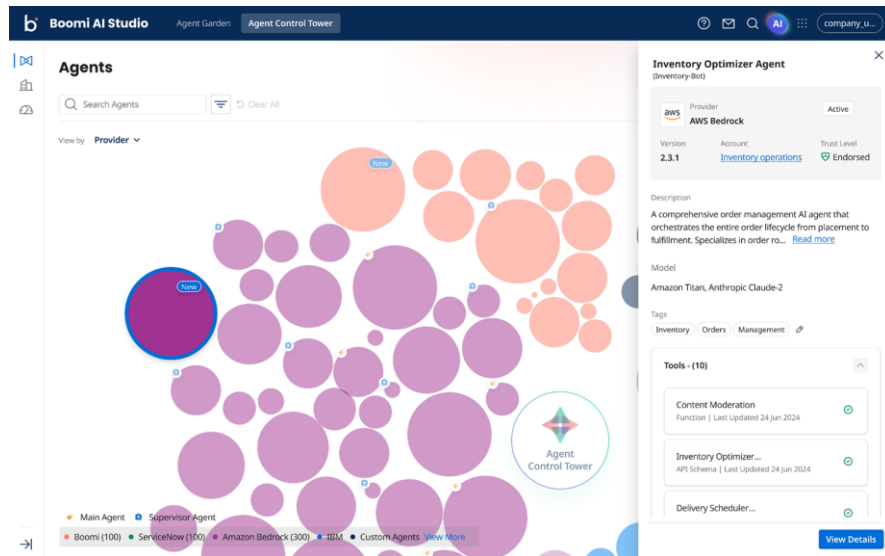
Examples:

1. Knight Capital Algorithmic Trading Disaster (2012)
2. Microsoft Global Outage (2024)
3. Grail False Cancer Notification (2023)

Governance is the key to compliance

KEY CAPABILITIES

- Centrally register AI agents from Boomi and beyond
- Proactively monitor AI agents and control access to block security threats
- Remain audit-ready with complete agent and provider activity logs



Why Boomi for AI



Universal Governance

Register agents across providers with built-in observability. Always visible, always audit-ready.



No Walled Gardens

Deploy agents now to automate any process. Models are swappable anytime, no vendor lock-in.



Powerful Tools

Power agents with built-in trusted data, managed APIs, and integrations.



No Code

Manage full agent lifecycle without deep AI development expertise.

Try It Yourself!

- Bring up : boomi.to/aiagents
- Select all the checkboxes
- Click Submit
- Enjoy the click-thru demo!
- Completion time : 15 minutes

Boomi AI Agents Guided Tour!

Select the tasks you'd like AI Agents to help with

All Boomi AI Agents: 

☒ Agent Conversation

☒ Integration Design

☒ Data Mapping

☒ Process Documentation

☒ Platform Support

☒ Sensitive Data Monitoring

☒ Data Model Creation

Submit

Try It Yourself!

- Bring up : boomi.to/aistudio
- Select all the checkboxes
- Click Submit
- Enjoy the click-thru demo!
- Completion time : 15 minutes



Explore Boomi Agentstudio

Interests 

Select what you want to experience



Agent Garden and Agent Designer



Agent Control Tower



Agent Marketplace

Submit

Thank You!

