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HCL BigFix AEX
Trial Guide

HCL BigFix AEX: An Al-Driven Experience Platform

# BigFix AEX Trial Guide Journey

01	Introduction to BigFix AEX Get an overview of the platform core capabilities	04
02	Getting Started Set up your trial access and roles and configuration	06
03	Exploring AEX Consoles  Modules accessible under Trial	12
04	Ready To Use Agents Explore pre-configured Agents	13
05	Agentic Al Studio Create your own agents	20
06	Building Custom Tools Create Functions, Workflows and Tools	47
07	Agent Assist Console  Enable Al-assisted support features	60

# Scope of AEX Trial Program

The trial version provides a hands-on experience of our platform with certain usage limitations.

- 1. GenAl Messages per Day: 300
- 2. Number of Agents You Can Create: 5
- 3. Number of Custom Tools You Can Create: 5
- Number of Collections Available: 1
- 5. Total Documents Size You Can Add: 500 mb
- 6. Out-of-the-Box (OTB) Tools: 50 (can be added as per the user requirement for the use case)
- 7. Number of Users You Can Add: 5
- 8. Number of Live Agents You Can Add: 5

Upgrade to the full version to unlock unlimited access and advanced features.

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# Introduction to HCL BigFix AEX

Get an overview of the platform core capabilities.



# Introducing HCL BigFix AEX

HCL BigFix AEX is an enterprise-grade agentic AI platform that automates a wide range of use cases across industries while delivering a trusted AI employee experience.



## Conversational Virtual Agent (CVA)

- Conversational, multilingual employee support
- · Always-on self service
- Reduces wait times
- Contextual wait times



#### **Self Heal**

- Detects and resolves issues automatically
- Auto detects and resolves
- · Prevent downtime
- Boost user satisfaction



#### **Agent Assist**

- Al-augmented service desk support
- Al-suggested solutions
- Faster ticket resolution
- Human and Al-driven collaboration



## **Voice Agents**

- Hands-free, voice-first task automation
- Natural voice interface
- · Hands-free execution
- Real- world workflows



# Workflow Orchestrator

- No-code orchestration
- Facilitates cross-functional automation
- Governed secured automation

### **AEX Agentic AI Studio**

Your central workspace to build, customize, and orchestrate AI agents.

Includes key components such as LLM Models · Tool Catalogue · Custom Tool Creation · AI Workflows · Multi-Agent

Orchestration

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# **Getting Started**

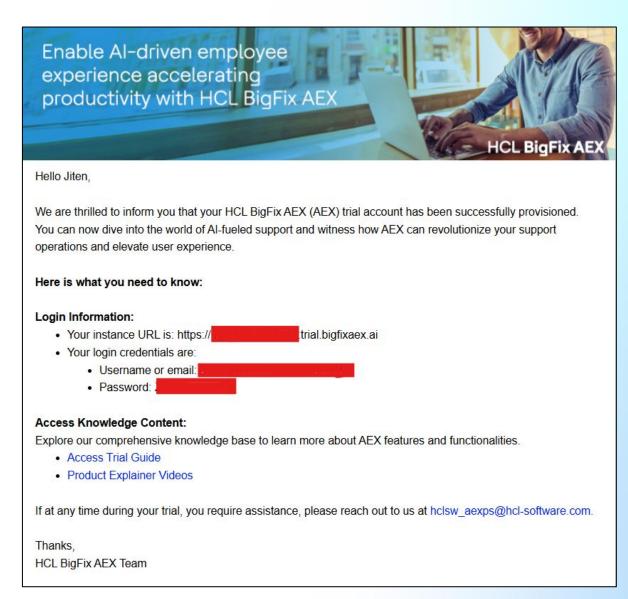
Set up your access and roles and configuration.



# Accessing Your AEX Trial Instance

Your access details are sent to you by email. Follow the below instructions to log in.

- Open the email from HCL BigFix AEX.
- 2. Click the provided instance link.
- 3. Use the username and password mentioned in the email to log in.



# User Roles and Access Levels

As a user, following are the different roles available on AEX:

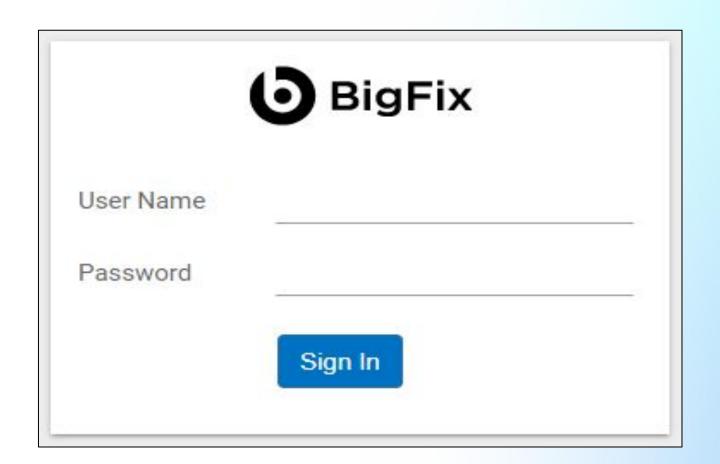
Role	Description	
Admin	Full access to Cognitive & Bot consoles; manage platform configurations.	
End User	nd User Interacts with bots, executes queries, and uses available features.	
Agent	Resolves end-user queries in real time.	
Agent Supervisor	Manages support agents and assigns roles.	

# Admin access allows you to:

- Manage user roles
- Configure platform settings
- Simulate and evaluate all AEX role-based functionalities

# Log in to Your AEX Instance

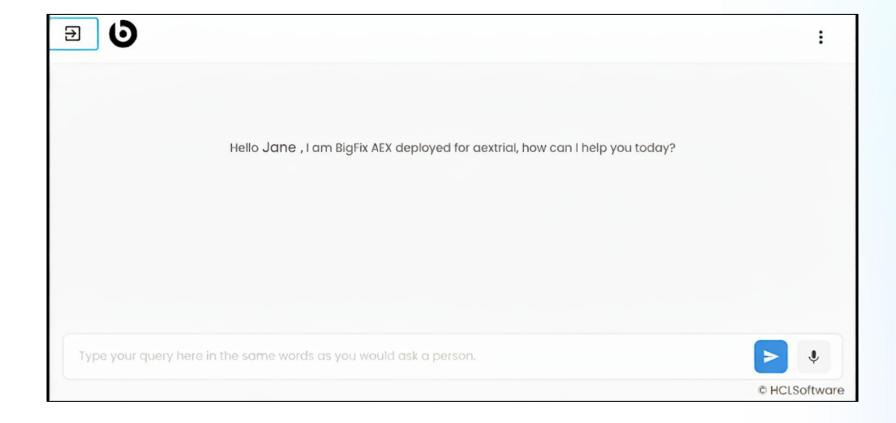
- Navigate to the instance URL provided in the email.
- 2. Enter your credentials received in the welcome email.
- 3. Click "Sign In" to launch the AEX platform.



# **Tenant Landing Page**

After signing in, the AEX chatbot opens automatically. This is where end users can interact with AI Agents.

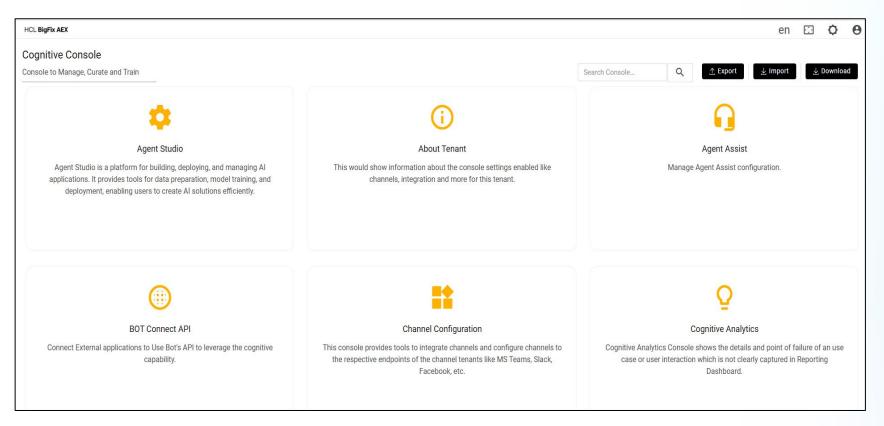
- Displays a welcome message personalized with the user's name.
- 2. Supports conversational queries related to configured agents.
- 3. Provides quick access to help, ticketing, and agent interactions.





# **Admin Landing Page (Cognitive Console)**

Admins can access the Cognitive Console by appending /admin to the tenant URL. This dashboard provides centralized control over the entire AEX platform.



From here admins can view and manage different consoles such as Agentic Al Studio, Agent Assist and User Management System.

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# **Exploring AEX Consoles**

Modules Accessible under Trial





## **AEX Consoles Overview**



#### **Agent Studio**

- For: Platform Administrators
- Purpose: Create, configure, and manage AI agents, tools, and workflows.
- Utility: Build intelligent automation using LLMs, memory, and orchestration.



#### **Agent Assist**

- **For**: Supervisors, Admins, and Agents.
- Purpose: Manage live agent interactions and Al-assisted service desk operations.
- Utility: Step-by-step guidance and ticket handling through chat dashboards.



#### **User Management**

- **For:** Platform Administrators.
- Purpose: Add or manage users, assign roles, and set permissions.
- Utility: Group-based access and tenant-level control.



# Cognitive Virtual Assistant (CVA)

- For: End-users, IT support, and service agents
- Purpose: Handle user queries through conversational AI.
- Utility: Automates routine tasks, retrieves knowledge, and executes workflows.



#### Workflow

- For: End-users, Admins
- Purpose: Design and automate end-to-end business workflows that connect multiple systems, agents and data sources without writing code.
- Utility: Enable no-code orchestration of cross-functional processes ensuring governed, secured and efficient automation

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# **Ready-to-Use Agents**

Explore pre-configured Agents



# Ready-to-Use Agents Overview

AEX comes with preconfigured agents that allow you to instantly explore AI-powered automation — without building from scratch.

# AEX Trial Agent (Main)

Central "master" agent that routes queries intelligently to sub-agents.

## **ITSM Agent**

Automates IT Service Management tasks via ServiceNow integration.

#### **Trial Guide Agent**

Provides setup help, trial usage instructions, and platform guidance.

These agents provide hands-on experience of AEX's agentic architecture — from orchestration to execution.

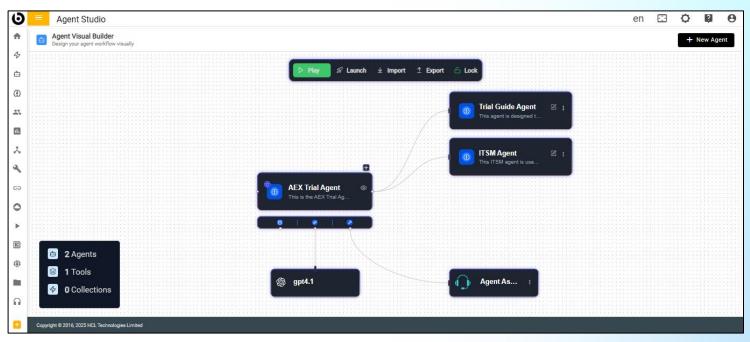
# AEX Trial Agent (Master Agent) - Ready To Use Agent

The AEX Trial Agent acts as a centralized hub that manages and routes queries to other agents and ensuring context-aware responses.

- IT-related queries are routed to ITSM Agent
- Setup or trial-related queries are routed to Trial Guide Agent

Prompts used to define the conditions and flow for this agent:

- You are an AEX Trial Agent designed to assist users with queries related to ITSM, ServiceNow, IT issues, or the trial guide.
- For ITSM or IT-related queries, route the request to the ITSM Agent; for trial guide or usage-related queries, route it to the Trial Guide Agent.

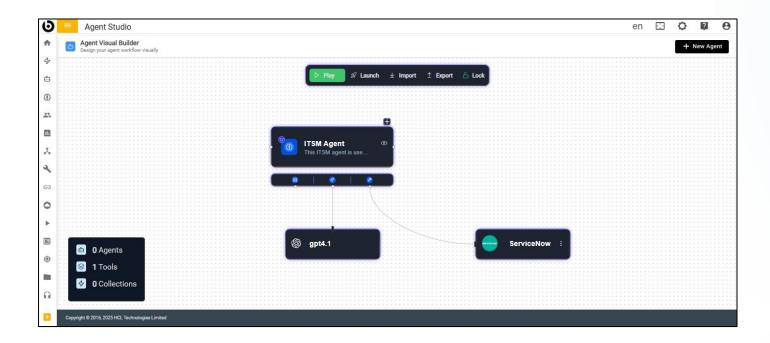


# ITSM Agent - Ready To Use Agent

The ITSM Agent is pre-integrated with ServiceNow to automate IT ticketing workflows.

- Handles incident creation, updates, and status checks.
- Connects to ServiceNow via configured credentials.
- Enables live IT query resolution directly through the chatbot.

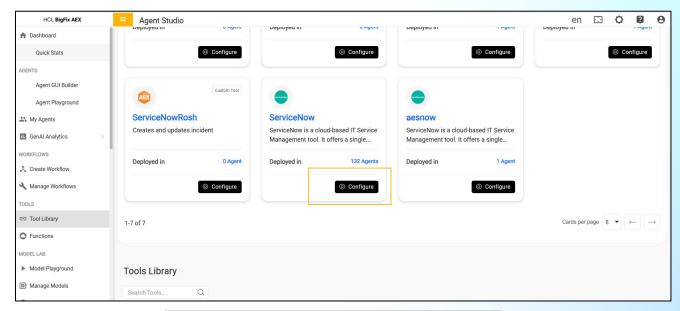
The ServiceNow requires credential configuration (refer to the next slide)

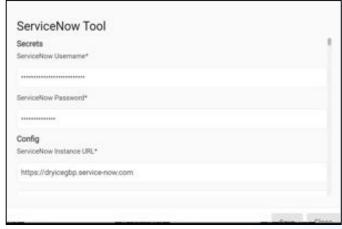


# Configuring and Launching the ITSM Agent (1/2)

- 1. Navigate to Tool Library in Agent Studio.
- Locate the ServiceNow Tool and click Configure.
- 3. Enter details:
  - Username
  - Password
  - Instance URL
- 4. Click Save

**Note**: Enter credentials for your ServiceNow Application.

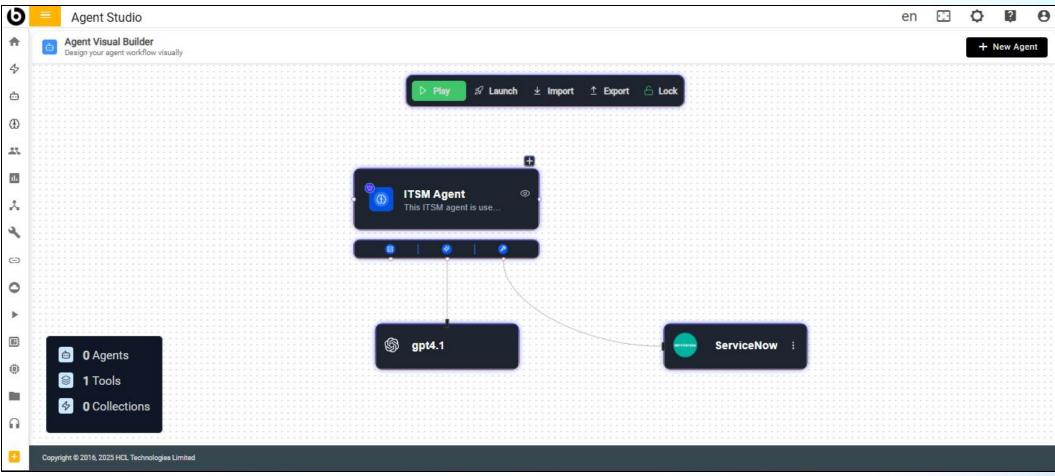




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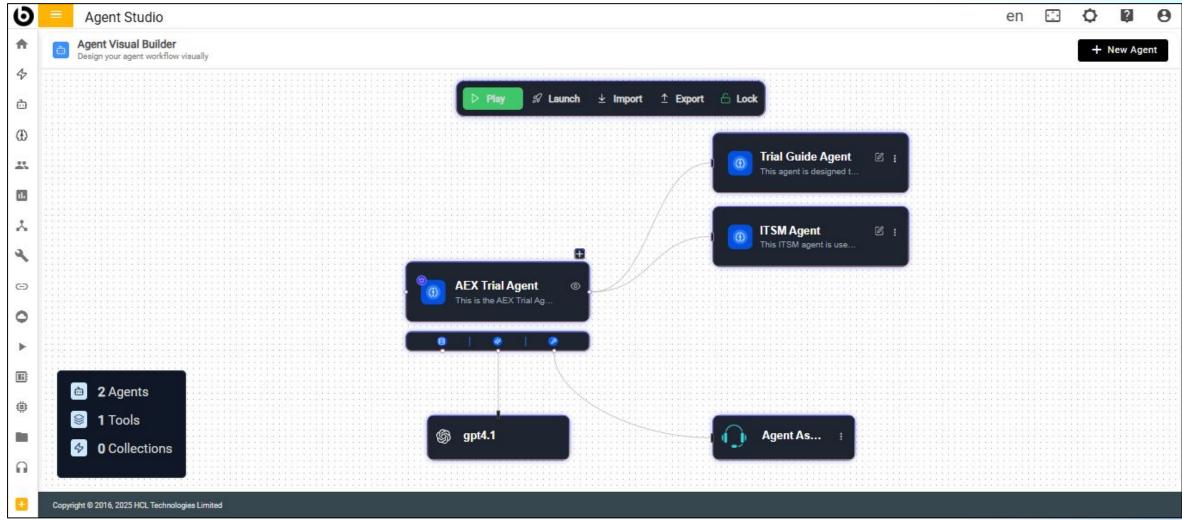
# Configuring and Launching the ITSM Agent (2/2)

- 5. Open the ITSM Agent canvas.
- 6. Click Launch to test the agent.



# Trial Guide Agent

This agent will allow you to query about your trial program functionalities and scope.



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# **Agentic Al Studio**

Overview of core modules

Refer this section to build your own Al

Agents



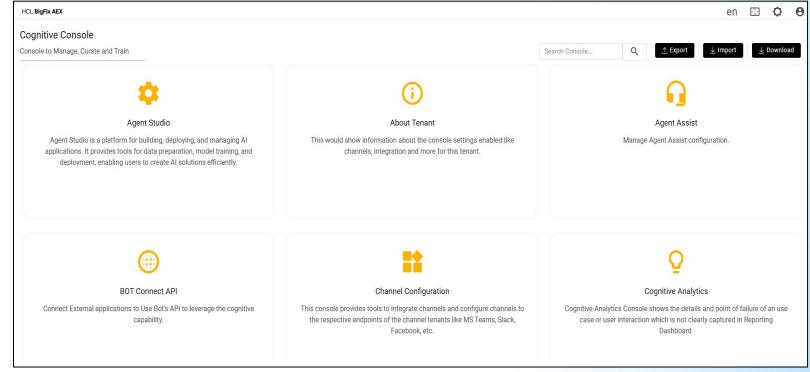


# **Introducing Agentic Al Studio**

Agentic Al Studio is a **no-code** *l* **low-code platform** that enables users to **build**, **test**, **and deploy Al-powered agents** seamlessly.

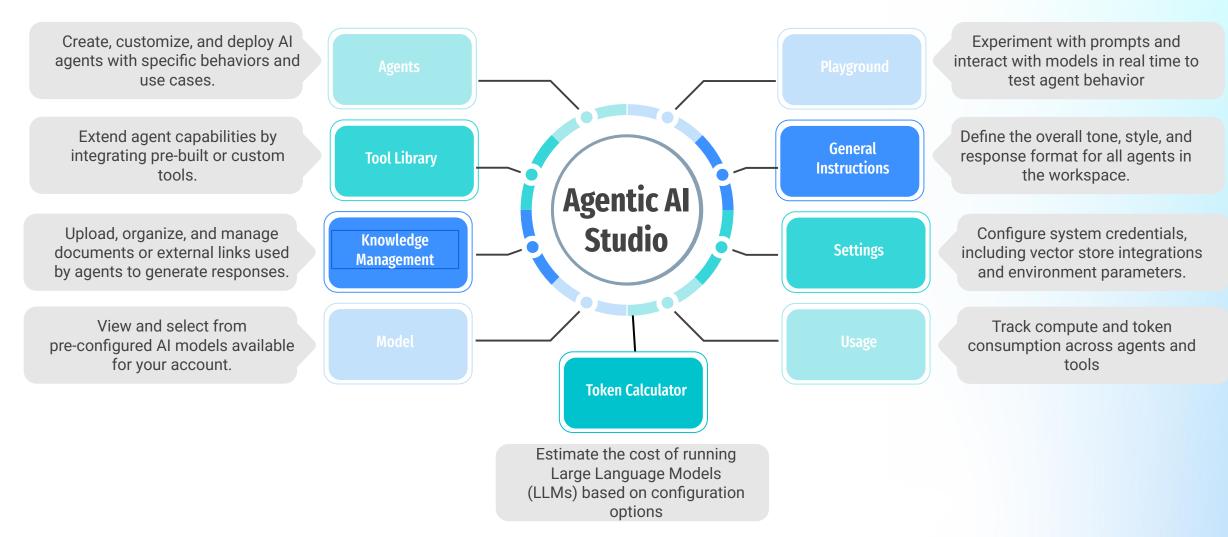
To access Agentic AI Studio you can add "/admin" at the end of your URL

The Studio provides an integrated environment with modules designed to manage every stage of the agent lifecycle from creation to deployment and monitoring.



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# Core modules in Agentic Al Studio



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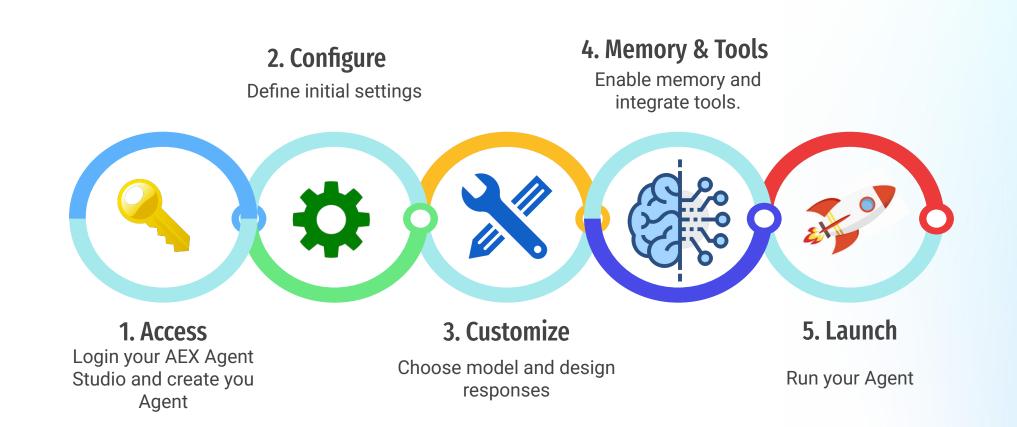
# **Building Your Own Agent**

Create and configure custom AI agent



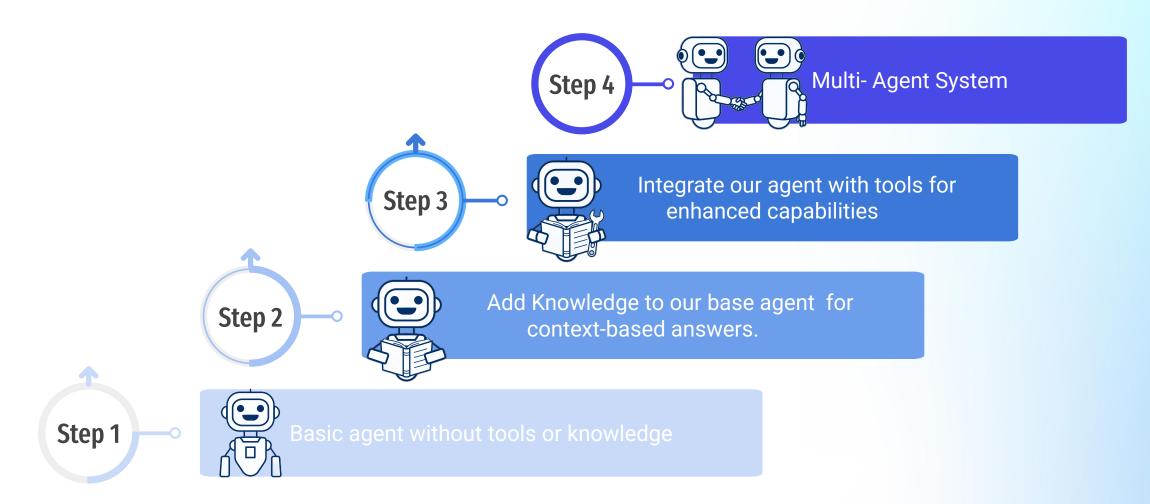
# **Building Your Own Agent**

Step-by-step process to create and configure a new agent in AEX Agent Studio.



# **Building Your Own Agent**

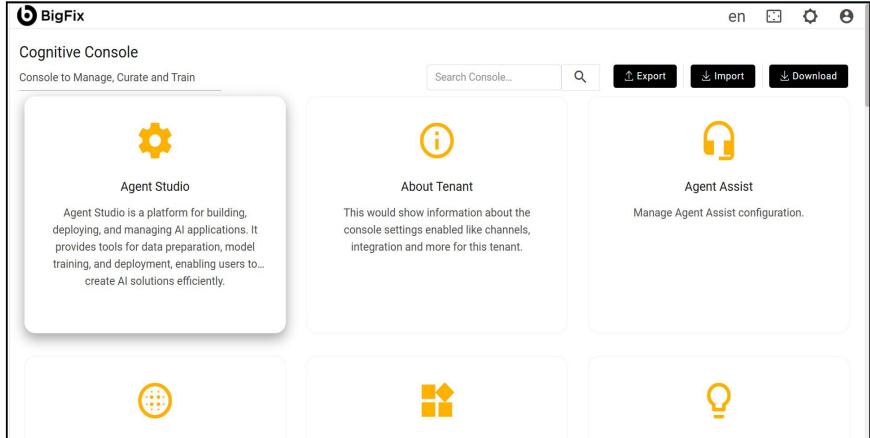
In the following section, we will progress from building a basic HR Agent to developing a fully integrated, multi-domain AI assistant.





# **Step 1: Open Agent Studio**

- 1. Log in to the Admin/Cognitive Console.
- 2. Navigate to Agent Studio via the dashboard or top navigation bar.
- 3. If not visible, use the Search Console bar to locate it.

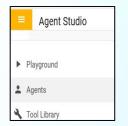


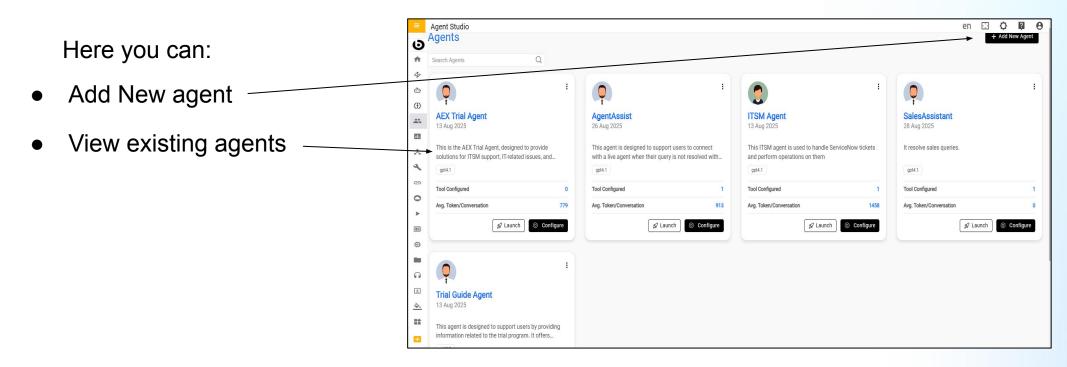
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## **Step 2: Access the Agent Console**

- 1. In Agent Studio, click the Agents tab on the left sidebar.
- 2. This section displays all existing agents and allows you to create new ones.

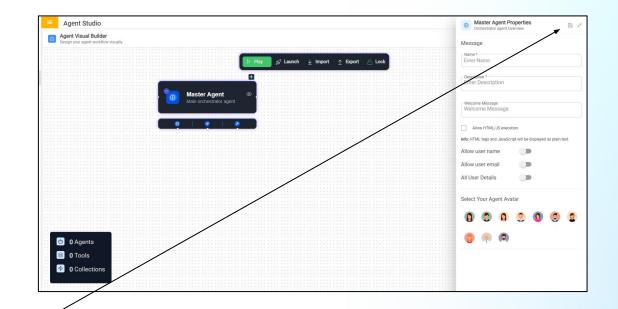


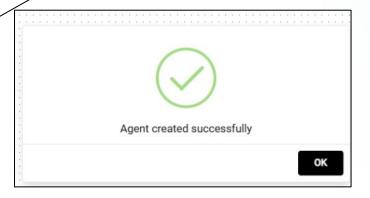




### **Step 3: Add a New Agent**

- 1. Click Add New Agent in the Agent Console.
- 2. Enter the following details:
- Agent Name e.g., ServiSphere
- Description e.g., Al powered IT operations assistant
- Select Your Agent Avatar
- Enable options as needed:
  - Allow HTML/JS Execution (for embedding code use cautiously).
  - Allow User Details (Username / Email / All).
- 3. Click Save to proceed.
- 4. A confirmation message will appear once the agent is successfully created.

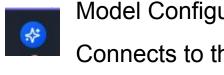






## **Explore the Agent Console**

The console includes:

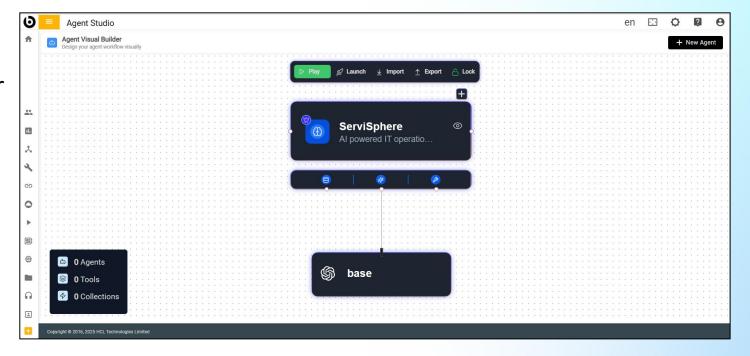


Model Configuration Node – Connects to the AI model used for the agent (e.g., GPT).

Knowledge Configuration Node – Stores context from Knowledge Management

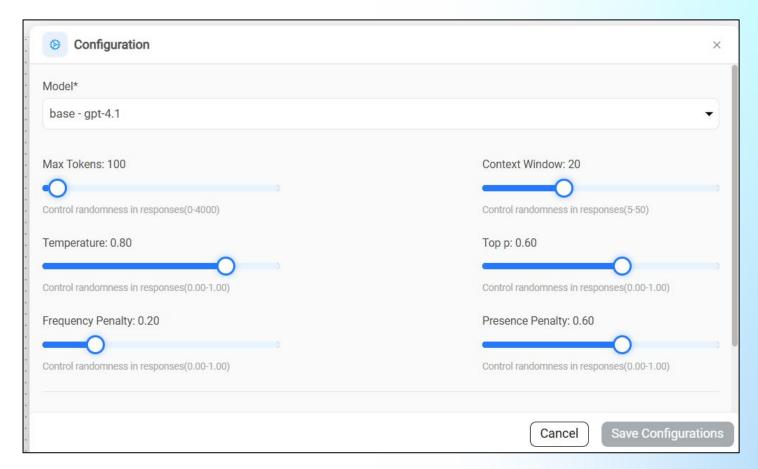


Tools Configuration Node -Integrates APIs or external tools.



### **Step 4: Configure Chat Model & Prompts**

- 1. Click Model Configuration Node
- 2. Select your Chat Model (LLM) e.g., GPT-4.1, Claude, or other supported provider.
- 3. Adjust parameters to fine-tune performance:
  - Context Window: How much past conversation the agent remembers.
  - Temperature: Controls creativity (lower = focused, higher = varied).
  - Top-p, Frequency Penalty, Presence Penalty: Fine-tune style and repetition.
- 4. Enter a System Prompt to define tone or role. Example: "You are an Al power IT assistant that helps manage and automate enterprise workflows."
- 5. Click on plus sign to add the prompt.
- 6. Click Save Configurations to save settings. Experiment with parameters and prompts to balance creativity and consistency.

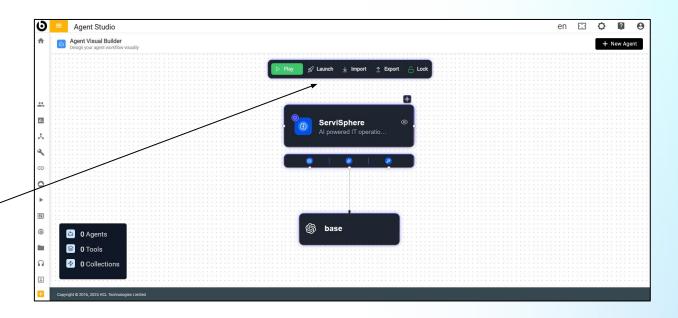


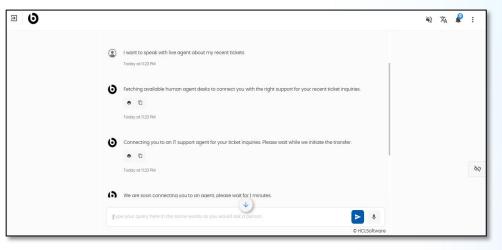


# **Step 5: Launch the Agent**

Once configuration is complete, launch your agent to begin real-time testing.

- 1. In the Agent Studio Canvas, click Launch.
- 2. The Agentic AI chat window opens in a new tab.
- 3. You can now test your agent by sending a query.







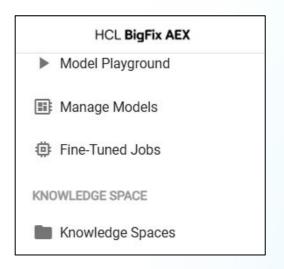
Let us now support our HR agent with contextual knowledge which the agent can use to generate its context aware responses for the user queries

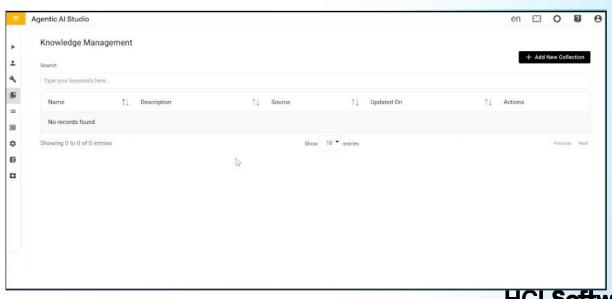


# **HR Agent With Knowledge**

# **Step 1. Configure Knowledge Management**

Click Knowledge Management in left panel
Here we can curate the datasets for
agent's reference.







# **HR Agent With Knowledge**

# Step 1. Configure Knowledge Management Continued

- 2. Click Add New Collection.
- 3. Fill the following details about the document to be uploaded :
- Name : Example HRPolicy
- Description : Example Contains organization's HR Policies
- Source : Type of document Example txt
- 4. Click Save



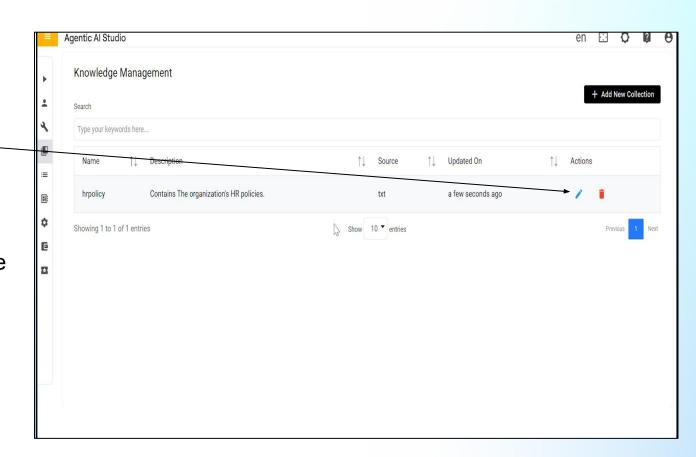


# **HR Agent With Knowledge**

## **Step 2. Add content to our Collection**

- 1. Click edit on your collection name
- 2. Browse and upload your documents.
- 3. Click Save.

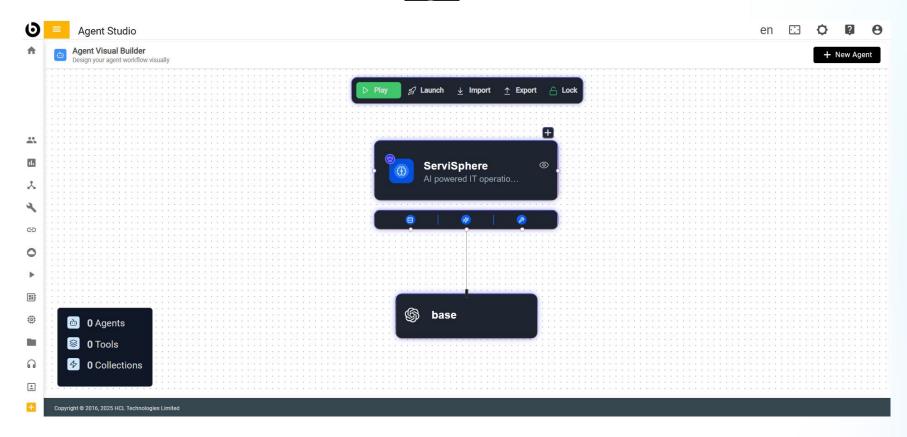
The document will not be directly visible because the retrieval is RAG based. You can try to search your document with relevant keywords using search bar.





#### **Step 3: Configure Memory**

- 1. Click Configure for the required agent from Agent studio.
- 2. Click the Knowledge Configuration node on the canvas.

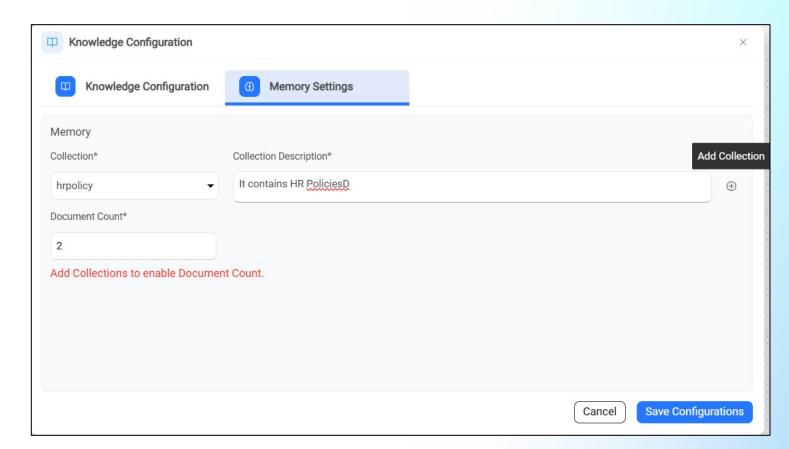




#### **Step 3: Configure Memory Continued**

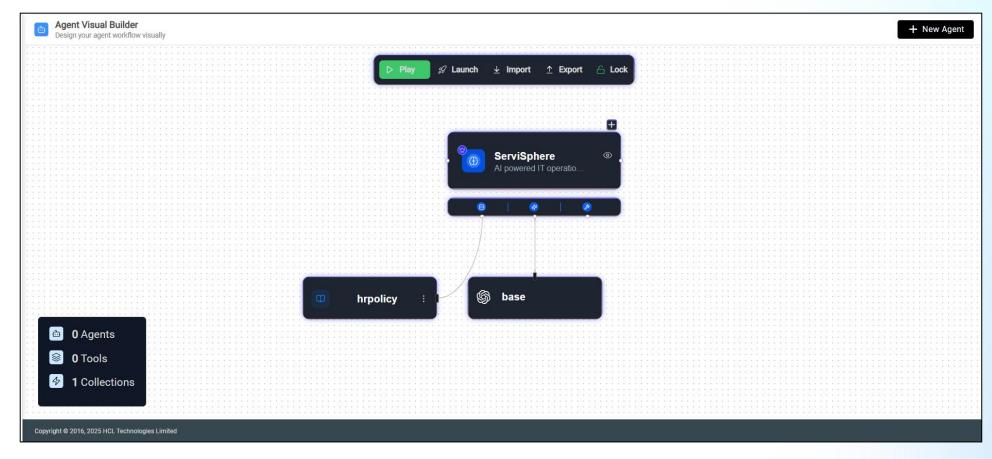
- 1. Add a description for your collection
- 2. Select '+' to add documents.
- 3. Click Save configurations to save.

Document Count is the number of documents to be fetched on retrieval.



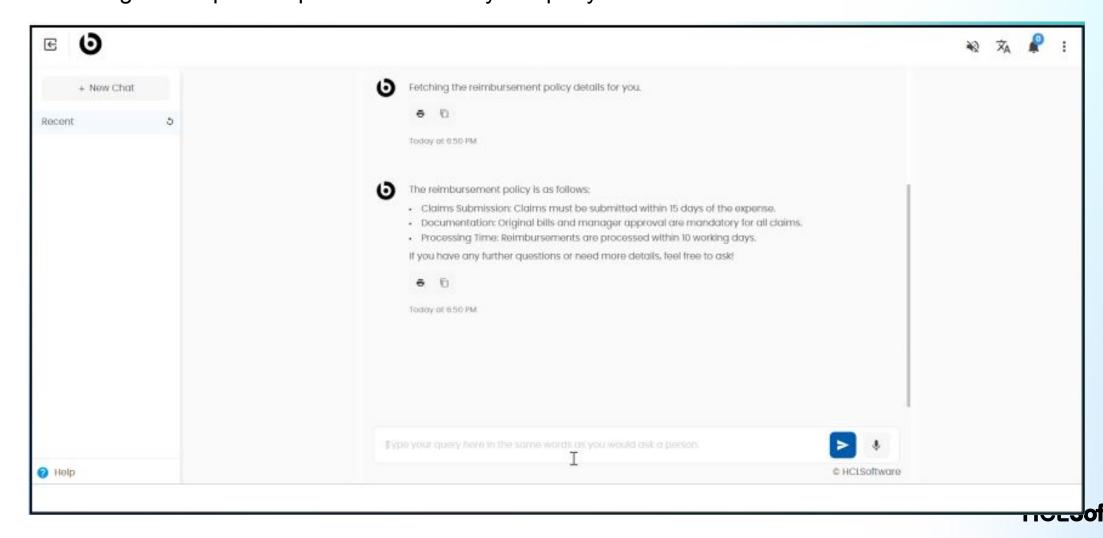


The collection name will be visible on the agent canvas under memory node. Now launch your agent to test its performance.





Write a query to get the response on the bot window. Example - Tell me about reimbursement. Now the agent will provide precise details to your query.





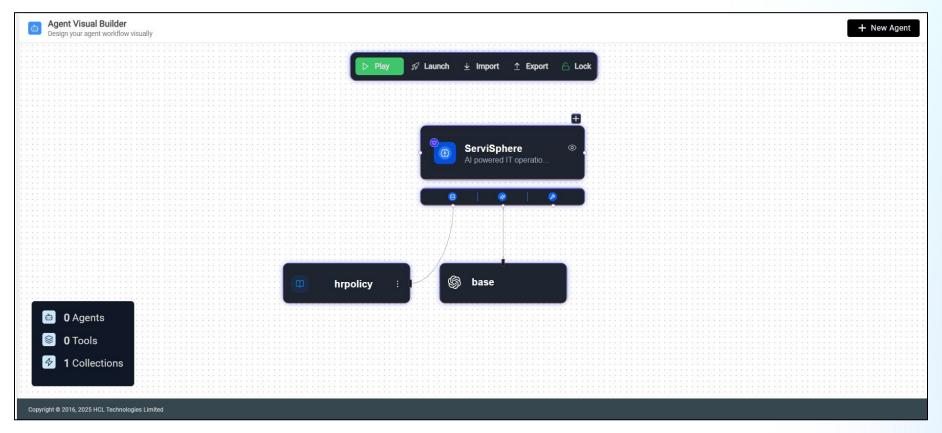
Tools extend your Al Agent's capabilities by connecting it to external applications - enabling actions like data retrieval, workflow automation, and API integration.

Now, let's enhance our existing agent (which already has memory configured) by adding tool functionality.



#### **Step 1: Add and Configure Tools**

- 1. Click Configure for the agent from Agent studio.
- 2. Click the Tools Configuration node to open the Tools Library

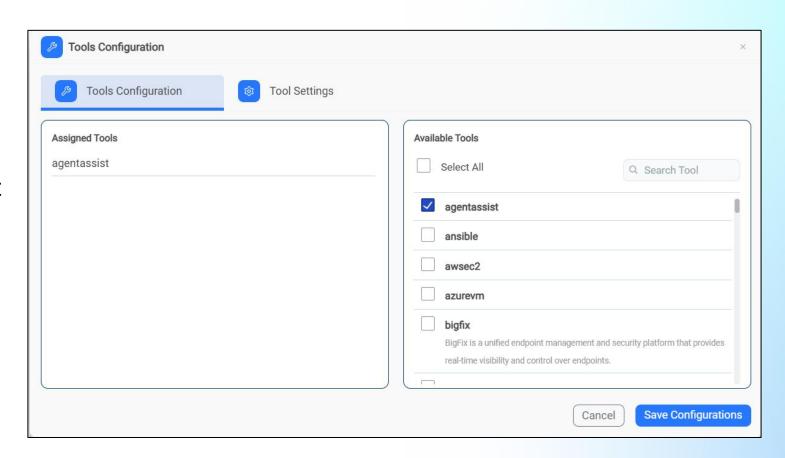




The Tool library will show all deployed tools available for your use.

#### **Step 2: Configure the Tool**

- Search and select the tools you want to connect (e.g., Agent Assist, Azure, ServiceNow).
- 2. Click Save Configuration to save your selections.
- 3. The canvas updates automatically with new tool connections.



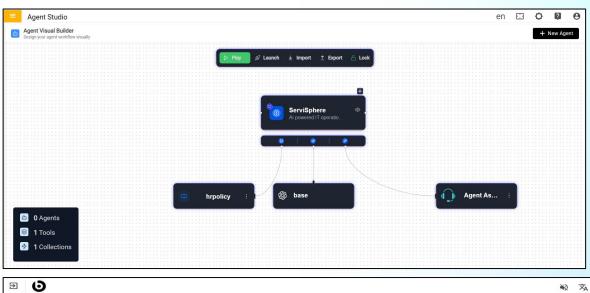


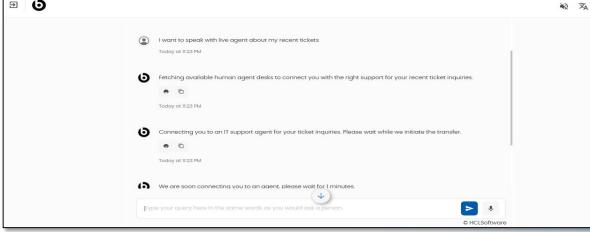
#### **Step 3: Launch the Agent**

Once configuration is complete, launch your agent to begin real-time testing.

(Optional) Click the connected tool icon to configure specific functions and parameters as needed.

- 1. In the Agent Studio Canvas, click Launch.
- 2. The Agentic AI chat window opens in a new tab.
- 3. You can now test your agent by sending a query.







## HR Agent with ITSM Agent - A Multi- Agent System

A multi-agent system allows multiple AI agents to collaborate — each focusing on specific tasks — under a single orchestrated framework.

In AEX, one main agent acts as the coordinator, while sub-agents handle specialized functions.

#### Why it matters:

- Enables division of responsibilities across Al agents
- Improves scalability and response accuracy
- Simplifies orchestration for complex enterprise workflows

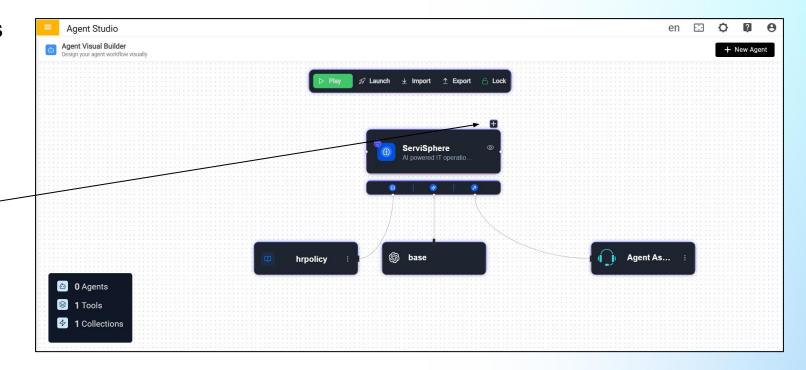


#### **HR Agent with ITSM Agent**

#### **Step 1: Designate Parent Agent**

- Open HR Agent from the Studio. This
  is designated as the Main Agent
  (Parent).
- 2. Inside the canvas, click the '+' to add new sub-agents section.

The main agent serves as the central controller that routes queries to the appropriate sub-agents. Each sub-agent adds a unique capability to your orchestration layer.

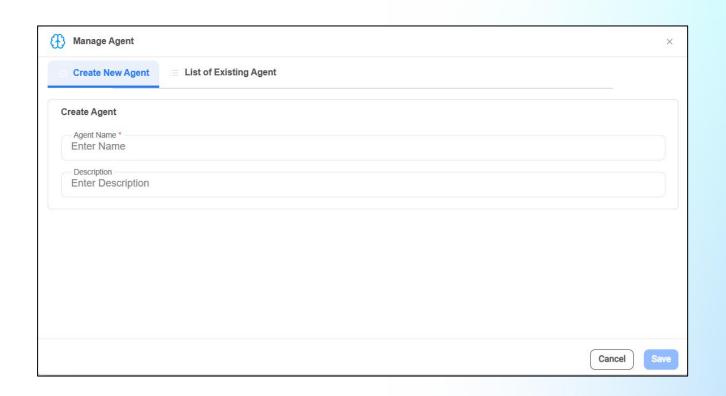




## **HR Agent with ITSM Agent**

#### **Step 2: Select Sub-Agents to Add**

- In the Manage Agent window, you can create a new agent or select specialized agents such as ITSM Agent from List of Existing Agent section.
- Once your sub-agent is selected, the canvas updates to display their connections to the main agent.
- Click Launch to use your multi-agent.



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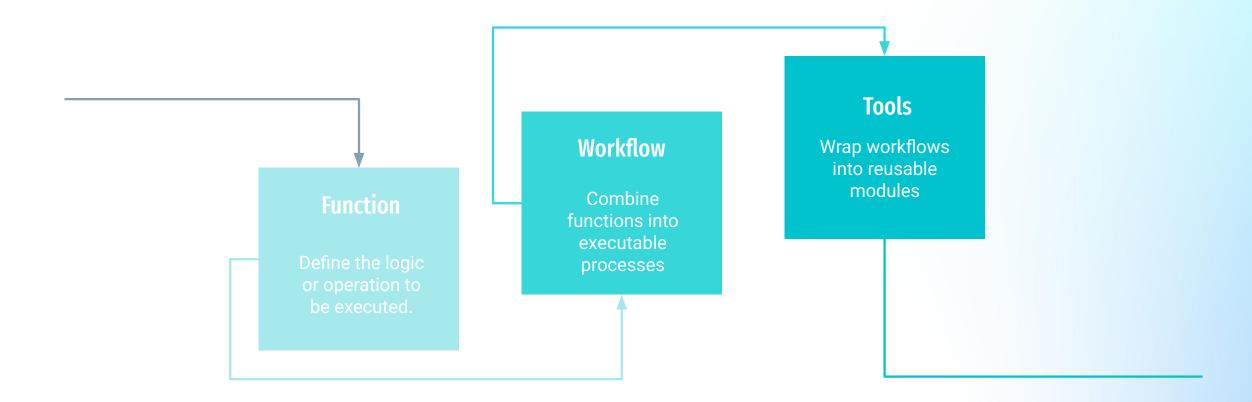
# **Building Custom Tools**

Create Functions, Workflows and Tools



#### **Building Custom Tools**

The AEX platform enables you to extend and customize your agents through a three-layer modular system. Each layer build on the previous one- defining logic, orchestrating workflows and creating reusable custom tools for agent integration.





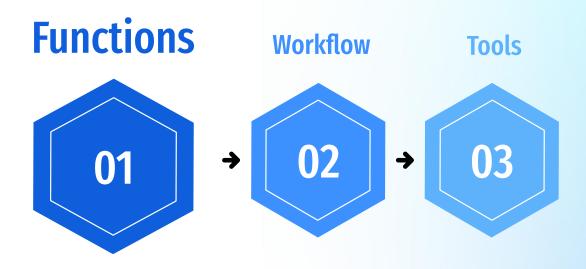
#### **Function Overview**

You can create functions to:

- Perform automation or integration tasks
- Interact with APIs or external systems
- Return dynamic results to workflows

In AEX, functions are written in pure
JavaScript, allowing you to logic that can be
easily reused across workflows.

Let's go through how to create, configure, and save a function step-by-step.

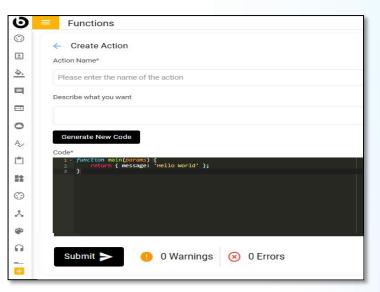


## Creating a Function For AEX Custom Tools

Open the Functions Console from the left sidebar in Agent Studio.

- 2. Click Create Function in the top-right corner.
- 3. In the "Create Action" form, enter the following details:
  - Function Name: e.g., AzureVMCreation
  - Description: Short summary of the function's purpose
- Click Generate New Code to start defining your function logic.
- Once completed, click Submit to save the function.
   You can view all created functions in the Function List.







#### **Workflow Overview**

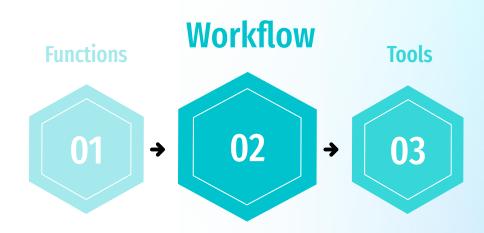
Workflows are sequence of steps that completes a business task.

In AEX, workflows drive agents and custom tools, letting them act intelligently and adapt to changes.

A workflow consists of the following key steps:

- Start Node Define the trigger event.
- Action Node Specify what function to execute.
- Join Nodes Connect Start and Action to complete the flow.
- Save & Validate Save and view in Workflow List.

You'll now see how to create this workflow step-by-step.

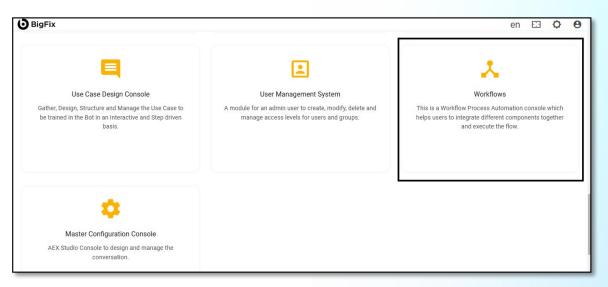


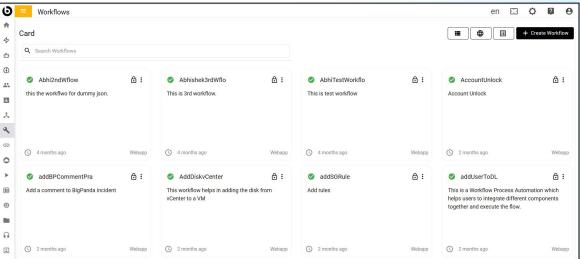


#### **Create Workflow and Define Event Type**

# **Step 1: Create Workflow and Define Event Type**

- Select Workflow Console from Admin/Cognitive Console
- Click ' + Create Workflow ' to start a new workflow.







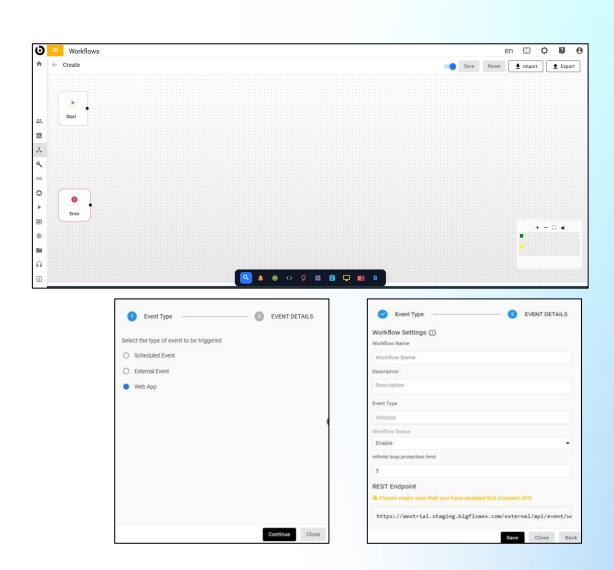


#### **Create Workflow and Define Event Type**

# **Step 1: Create Workflow and Define Event Type Continued..**

- 3. Click the Start Node box. A pop-up will appear.
- Under Event Type, choose Web App and click Continue. A new pop-up will open.
- Enter Workflow Name and Description, then click Save to create the workflow shell.

Tip: Ensure the "Bot Connect API" is enabled to activate your REST endpoint.



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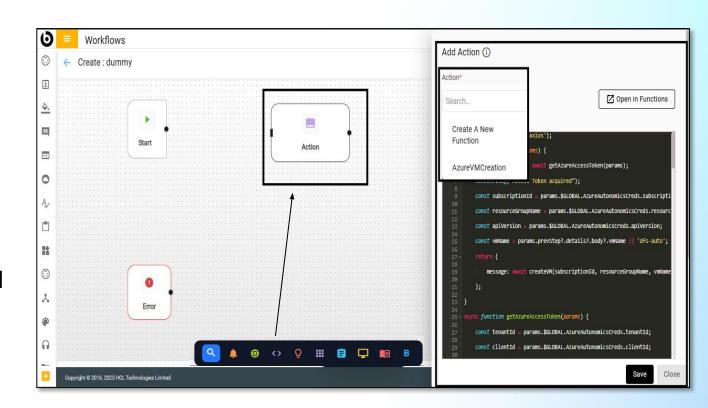


#### **Add and Configure Actions**

#### **Step 2: Add and Configure an Action Node**

You will be redirected to Workflow dashboard after step 1

- 1. Click on the "<>" icon to add a node.
- 2. Choose Action from the pop-up.
- 3. Select the Action Node on the canvas.
- From the Action dropdown, pick the desired function (e.g., AzureVM Creation) and click Save.



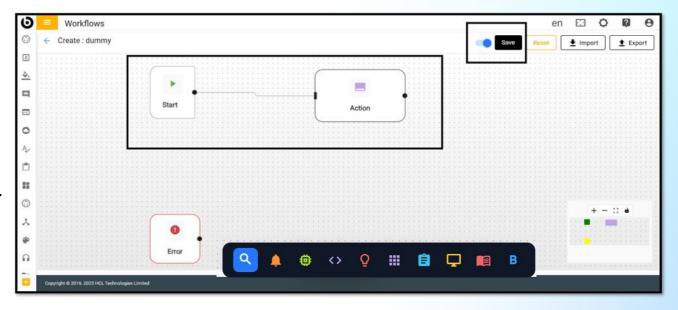


#### **Connect and Finalize Workflow**

# **Step 3: Connect Nodes and Finalize Workflow**

- 1. Connect the Start Node to the Action Node by dragging from the black dot on the Start to the Action.
- 2. Click Save to finalize the workflow.
- 3. Open the Workflow console to confirm your workflow appears and is active.

Your workflow is now ready to be linked with your custom tool under the "Add Function" step.

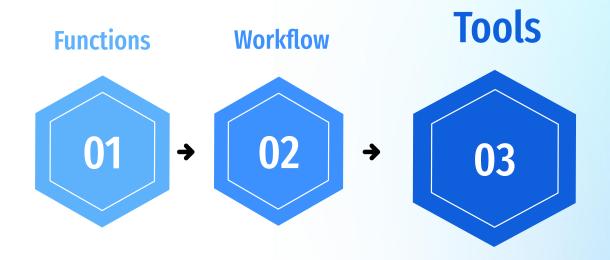




Tools are pre-built integrations within AEX that bridge the Al Assistant with enterprise systems.

They enable agents to securely retrieve data, trigger workflows, and deliver analytics through the no-code integration layer.

Example - **ServiceNow Tool**: Connects AEX with ServiceNow to let sub-agents automatically create and update tickets for IT or HR tasks and thus speeding up resolution and reducing manual effort.



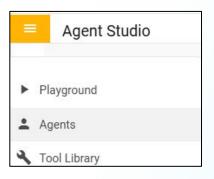


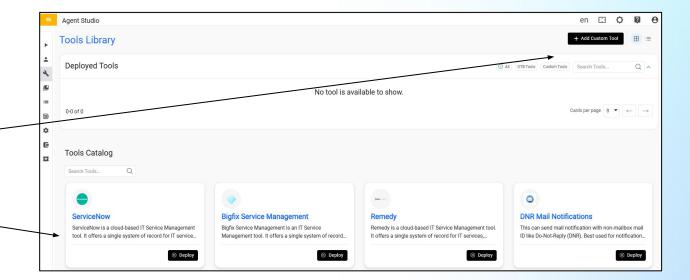
#### **Step 1: Access the Tool Console**

- In Agent Studio, click the Tools Library tab on the left sidebar.
- 2. This section displays all existing agents and allows you to create new ones.

#### Here you can:

- Create New tools
- Use existing (Out Of The Box) tools





#### **Step 2.1: Use the OTB Tools**

An Agent can only use a tool which has been deployed.

- 1. Click on Deploy and select Ok to deploy the tool.
- 2. The tool will be now visible in Deployed section.

# ServiceNow ServiceNow is a cloud-based IT Service Management tool. It offers a single system of record for IT service... © Deploy

#### **Step 2.2.1: Create Custom Tools**

- 1. Click Add Custom Tool. ——
- 2. Enter the following details
  - Tool Name : Eg- Vmmanager
  - Tool Description : Eg VMmanager for Al

Agent Studio

Tools Library

Deployed Tools

3. Click Save. Now the tool is visible Tools Library console.



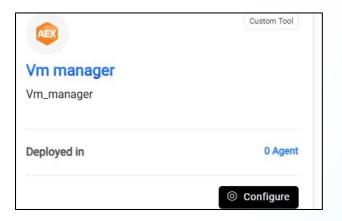
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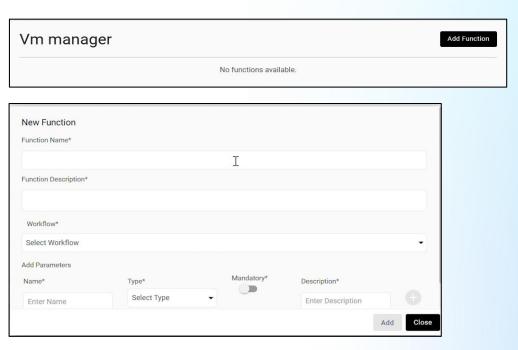


#### **Step 2.2.2: Add Workflow to the Custom Tool**

- Click Configure.
- 2. Click Add Function and fill the details in the form and select your workflow.
- 3. Click Add.
- 4. Click update on Tool window.

Your tool is deployed successfully and is ready to be used by your agent.





# **HCLSoftware**

# **Agent Assist Console**

Enable Al-assisted support features



#### **Introducing Agent Assist**

Agent Assist allows Al Agents to have

Human-in-the-loop Mechanism wherever an Al Agent
need some skilling or approval from humans.

or to connect with live agents in case they are not

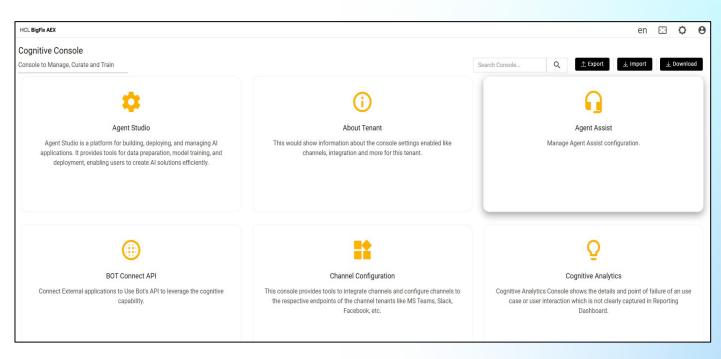
satisfied with the responses from Al Agents

#### It includes:

- A configurable console for setup
- A dashboard for real-time agent performance
- A supervisor view for monitoring and configuration

#### Roles:

- Agent: Handles end-user queries in real time
- Supervisor: Manages agents, access, and escalations

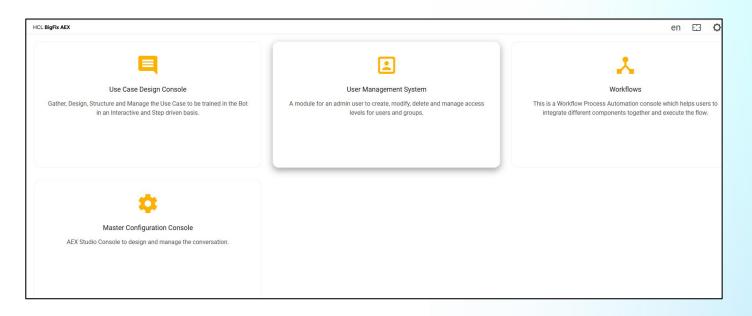


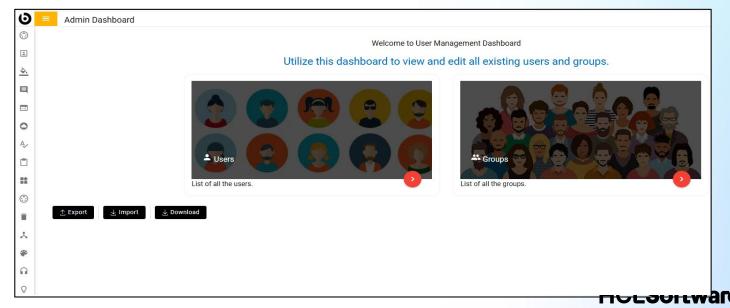


#### **User Management Console**

This setup is required before Agent Assist can be activated.

- Click User Management Console from Cognitive Console
- Click Groups Section. Ensure a group with Access Level 0 exists.
   If not, create a new admin user and group with access level 0.





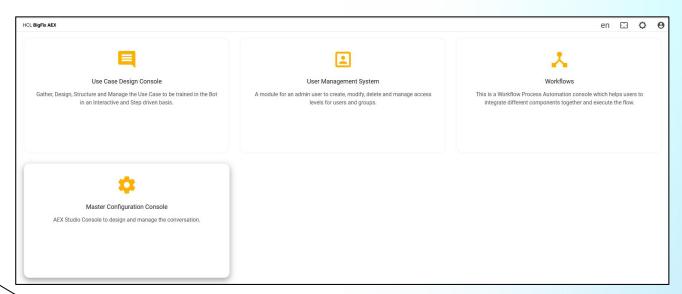


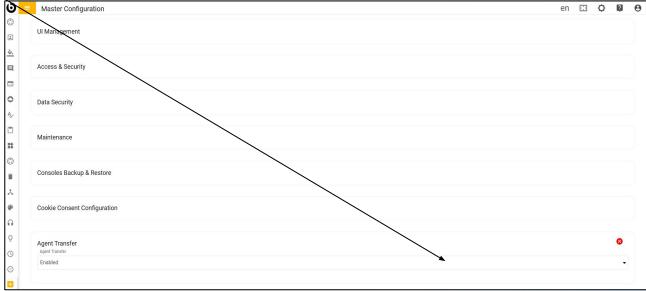
## **Master Configuration**

To activate the agent transfer function

- Click Master Configuration from Cognitive Console to enable agent transfer
- 2. Locate the Agent Transfer setting
- Enable the option to allow chatbot-to-human transfer

This enables the system to route chats from AI to live agents.



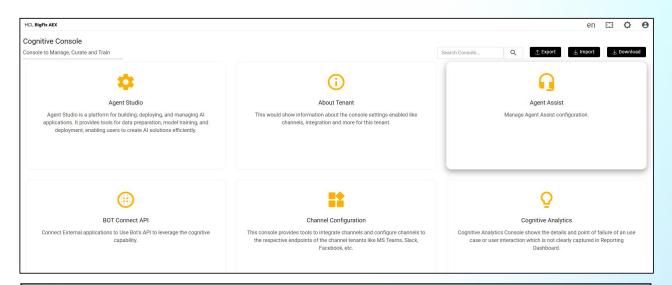


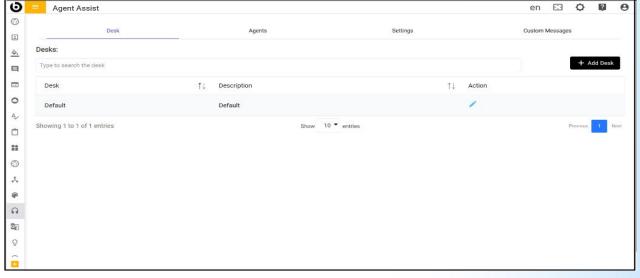


#### **Access the Agent Assist Console**

- 1.Click Agent Assist from Cognitive Console. Here we can configure settings for:
  - Desk operations
  - Agent management
  - Supervisor roles

The console provides unified visibility into agent activities.







## **View And Manage Desks**

Desks are organizational units for your support operations

Default Admin Desk is automatically created and cannot be deleted.

Add new desk name and description.

This description is used by Agentic AI to match user queries to the appropriate desk for automatic transfer.





#### **View And Manage Agents**

Agent here defines who handles chats and who supervises operations.

Add human agents or supervisors to the platform.

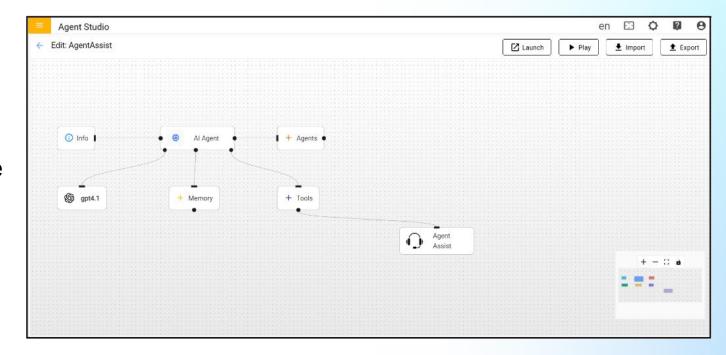
- 1. Click Add Agent under the Agents section
- 2. Fill in:
  - Agent Name
  - Email
  - Desk assignment
  - Role (Agent or Supervisor)
- Click Add to confirm



## **Connect Agent Assist with an Al Agent for Escalation Routing**

Agent Assist with AI workflows enables seamless chat handoff.

- 1. Open Agent Studio
- 2. Click Tools
- 3. Click Agent Assist agent configured in the your agent.
- 4. Click Update



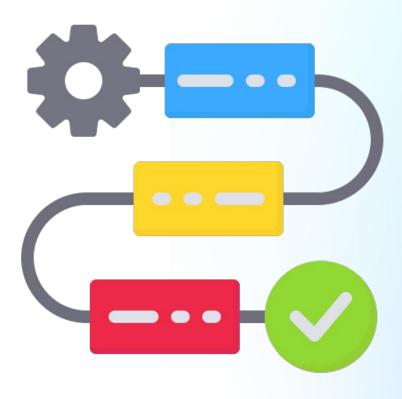
Your agent can now hand over unresolved queries to live agents.



## **End-to-End Workflow Summary**

Agent Assist ensures human-Al collaboration for faster, more empathetic resolutions.

- 1. User initiates chat
- 2. Bot identifies need for human help
- 3. Agentic AI routes to relevant desk
- 4. Agent accepts and initiates conversation
- User and agent chat in real time until resolution





#### **Other Configuration Console Settings**

The configuration console is accessible only to admins and supervisors.



#### **Desks**

- Admins can create and manage all desks, and move agents between them.
- Supervisors manage only their assigned desk and its agents.



#### **Queue Management**

- Auto Assign distributes chats to the agent with the fewest active chats.
- Requires at least two available agents.
- Queue limits can be customized to balance workload.



#### Service Level Agreements (SLAs)

- Supports both PSLA (Proactive SLA) and SLA.
- Minimum PSLA: 20 seconds | Minimum SLA: 40 seconds.
- Defines agent response and resolution targets.



#### **Additional Features**

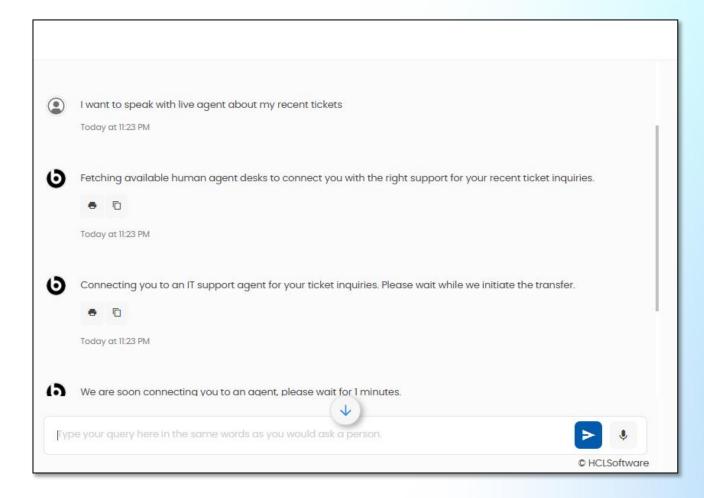
- Enable or disable multilingual support.
- Configure extended sessions (auto-renew every hour when active).
- Create custom forms and dashboards.
- Use Shadow Learning to train bots with resolved queries.



## **Let's Try Your Agent**

- 1. Launch the bot interface
- 2. Type: "I want to speak with a live agent about my tickets"
- 3. The bot fetches available desks and connects automatically

Shows how Agentic routes a query to the right support desk.





## **Let's Try Your Agent**

Once the chat appears on the agent's chat dashboard, the agent can accept the chat and view user details and chat history.

The agent's details are also displayed on the user's bot interface.

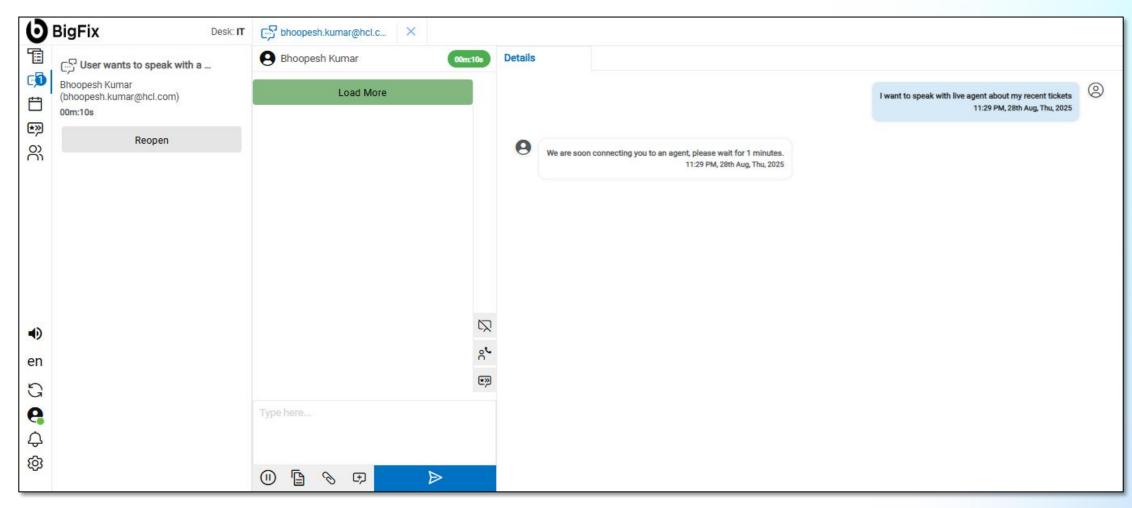






#### **Let's Try Your Agent**

Now agents can response to query, attach SOPs or can transfer chats to another agent or desk



# **HCLSoftware**



**Product Management** 

DRYiCE-SX-PMG@hcl-software.com



Marketing

intelligentoperationsmarketing@hcl.software



**Support** 

hclsw\_aexps@hcl.software





