

Introducing Genie

The AI Hub for Enterprise Architecture: From Models to Decisions

Webinar

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Visit : genie.sparxsystems.com/

SPARX
SYSTEMS

AI is Reshaping Every Industry

72%

of enterprises

have adopted AI in at least one business function

\$15T

projected impact

AI contribution to the global economy by 2030

3x

faster delivery

Organizations using AI in software development ship 3x faster

85%

of CIOs agree

AI will fundamentally change how Enterprise Architecture is practiced

Why Architecture Needs AI

- **Growing Complexity**

Enterprise models span thousands of elements, relationships, and dependencies that are impossible to manually track

- **Manual Bottlenecks**

Documentation, validation, and governance consume more time than actual architecture design

- **Stakeholder Gaps**

Business users struggle to extract insights from technical models, creating silos between IT and business

AI is the Answer

Software that doesn't embrace AI will become irrelevant. Architecture tools must evolve to remain the backbone of enterprise decision-making.

- ✓ Automate repetitive modeling tasks
- ✓ Generate insights from complex models
- ✓ Bridge the gap between IT and business
- ✓ Enforce governance at scale
- ✓ Make architecture accessible to everyone

Introducing Genie

A comprehensive AI platform built to address key use cases for modellers, collaborators, and business users — making the most of your architecture information.

Modellers

Simplified, AI-driven modeling with natural language creation, updates, and validation

Collaborators

AI-powered insights, reports, discussions, and summaries from your architecture models

Business Users

Accessible architecture intelligence through natural language queries and custom documents

Specialized AI Tools for Architecture

A purpose-built set of AI tools, rules, skills, and agents designed to simplify modeling, enable insights, generate reports, automate governance, and integrate with your enterprise ecosystem.

Sparx AI Suite – Three Pillars

AI Assist

for Sparx EA

Add-in for Enterprise Architect bringing AI-powered modeling, natural language creation, validation agents, and event-driven automation directly into your EA environment.



Genie AI

in Prolaborate

AI-powered collaboration layer that delivers model insights, discussion summaries, charts, and reports to stakeholders through Prolaborate's web interface.



Genie AI Hub

Central Platform

Centralized AI platform for knowledgebase integration, custom document generation, cross-tool MCP integrations, and intelligent automation workflows.



MODULE 01

AI Assist for Sparx EA

AI-powered intelligence directly in your Enterprise Architect modeling environment. Create, explore, validate, and automate.

FEATURES IN THIS MODULE:

- ▶ **Modeling with AI** — Interact with AI agent to build and manage models
- ▶ **Context to Model** — Convert whiteboard sketches to formal models
- ▶ **Model Insights** — AI-driven analysis of business processes
- ▶ **Event-Driven Agents** — Automated agents triggered by model events



Module Features



Modeling with AI

Quick demo of creating model using AI, be it starting from scratch or import from an external source (Excel) or converting a diagram



Whiteboard / Image to Model

Convert whiteboard sketches and screenshots to formal architecture models using computer vision AI.



Model Insights

AI-driven analysis of model diagrams with natural language queries for insights, decision making and optimization.



Event-Driven Agents

Automated AI agents triggered by model events — validation, documentation, and notifications.

Building Models with AI

AI transforms how you create and evolve architecture models in Enterprise Architect. From blank canvas to complex imports, Genie AI assists at every step.

Endless Possibilities

AI Assist opens plethora of opportunities starting from defining model templates to building and maintaining models, to documentation and reporting.

Demo

- ▶ Build from scratch with AI-guided rules
- ▶ Excel spreadsheet to model via AI
- ▶ Visio import + AI layouts, scripts & more

01

Model with AI

Guidelines + rules + AI

02

Excel to Model

Spreadsheet data → EA

03

Visio + AI Interact

Import, layouts, scripts

AI Assist

Chat Agent Executions

i want to build a model using...

i want to build a model using ArchiMate 3.0 and BPMN
3:39:17 pm

Thinking

Let me first check what's currently in your EA repository to understand the starting point.
3:39:22 pm

Get All Models

The repository is empty – just a default root "Model" package. Before I propose a structure, a few clarifying questions:

- 1. What are you modelling?** e.g., an enterprise architecture for a specific organisation, a business process, a system/application landscape, a specific domain (HR, Finance, IT, etc.)
- 2. What is the intended scope?**
 - Full enterprise (strategy → technology layers)
 - Just business + application layers?
 - A specific end-to-end process?
- 3. How do you want ArchiMate 3.0 and BPMN to relate?** Common approaches:
 - **ArchiMate** for the high-level architecture view (motivation, business, application, technology layers) → **BPMN** for detailed process drill-downs inside ArchiMate Business Processes
 - **ArchiMate** for landscape/context → **BPMN** for

Ask me anything...

The instructions wizard has analyzed your repository and needs a few decisions from you before generating the complete rulebook. Please answer what you can – anything you skip will get a sensible default:

◆ A – Package Structure

Proposed top-level layout:

```
Model/
├─ 00_Architecture Views/
├─ 01_Business Layer/
├─ 02_Application Layer/
├─ 03_Technology Layer/
├─ 04_Motivation/
├─ 05_Implementation/
└─ 06_Reference/
```

- **Q-A1:** Is this structure okay, or do you prefer domain-based / project-based / org-unit-based?
- **Q-A2:** Should BPMN diagrams live *inside* 01_Business Layer/ , or in a separate 07_BPMN Processes/ package?

◆ B – Naming Conventions

- **Q-B1:** Any language preference, abbreviation rules, or max-length constraints?
- **Q-B2:** Should element names include a type prefix (e.g., [APP] Customer Portal) or stay clean?

◆ C – ArchiMate ↔ BPMN Integration

- **Q-C1:** Should every ArchiMate Business Process have a mandatory BPMN drill-down diagram?
- **Q-C2:** Should BPMN Participants map to ArchiMate Roles/Actors via Association connectors?

◆ D – Lifecycle & Quality

- **Q-D1:** Status values – okay with Proposed → Approved → Active → Deprecated → Retired ?
- **Q-D2:** Mandatory tagged values per element – okay with Owner , Domain , ReviewDate ?
- **Q-D3:** Should BPMN Tasks carry a SystemSupport tag linking to an application?
- **Q-D4:** Should a **Legend element** appear on every diagram?

◆ E – Connector Rules

- **Q-E1:** Cross-layer ArchiMate connectors – free or restricted to specific viewpoints?
- **Q-E2:** Should BPMN Message Flows between Pools be allowed to reference ArchiMate Application Services?

Answer as many as you like and I'll finalise the rulebook!

3:42:02 pm

AI Assist

Chat Agent Executions

Start creating a foundation model using the...

Start creating a foundation model using the attached MODA template (TM Forum)

image 105 KB

3:54:51 pm

Thinking

Let me first check the current model state before planning.

3:55:06 pm

Get All Models

Get Package Children

The model is empty. Here is my plan:

Plan: TM Forum MODA Foundation Model

Based on the TM Forum Master ODA Release 25.5.0 template, I'll build a complete foundation model with the following structure

Package Hierarchy

```
Model/  
├── TM Forum MODA/  
│   ├── 00_Architecture Views/ ← overview diagrams  
│   ├── 01_Governance & Guidance/ ← Concepts & Principles, Security, AI/Data/API Governance, etc.  
│   ├── 02_Business/ ← Capability Framework, Process Framework (eTOM), Value Stream, Metrics  
│   ├── 03_Information Systems/ ← Information Framework (SID), Functional Framework, Data/Functional Archi  
│   ├── 04_Deployment & Runtime/ ← Operations Framework, Canvas, Reference Implementation  
│   └── 05_Implementation/ ← Technical Architecture, Open APIs, Components, Data Models
```

⚠ Approve the plan?

YES, AND ASK TO EDIT

YES, AND AUTO-EDIT

KEEP PLANNING

AI Assist

Chat Agent Executions

Start creating a foundation model using the...

7:30:00 am

✔ Datimeretriever

✔ Create Package : TM Forum MODA

✔ Create Package : 00_Architecture Views

✔ Create Package : 01_Governance & Guidance

✔ Create Package : 02_Business

✔ Create Package : 03_Information Systems

✔ Create Package : 04_Deployment & Runtime

✔ Create Package : 05_Implementation

✔ Create Package : Concepts & Principles

✔ Create Package : Transformation Guidelines

✔ Create Package : Design Guidelines

AI Assist

Chat Agent Executions

C:\Users\User\OneDrive - Sparx Systems India Se...

C:\Users\User\OneDrive - Sparx Systems India Services Private Limited\Sparx AI & Graph Capabilities - Documents\External\Genie\Demo Slides\March 26 Genie Webinar\APM - Model Harvest v1.xlsx

Import contents from Applications_Inventory sheet to the model as Archimate Application Components

7:30:00 am

Thinking

Task

Get All Models

Task

Get Package Children

Get Package Children

Execute Query

No 02_Application Layer package exists at the root level. Now I have everything I need to form the full plan.

AI Assist

Chat Agent Executions

C:\Users\User\OneDrive - Sparx Systems India Se...

Import Plan: 26 Application Components from Excel → EA Model

What I found

- Source:** APM - Model Harvest v1.xlsx → Application Inventory sheet → **26 applications**
- Target:** No 02_Application Layer package exists yet – needs to be created under root Model
- Element type:** ArchiMate_ApplicationComponent (Type: component, Stereotype: ArchiMate_ApplicationComponent)

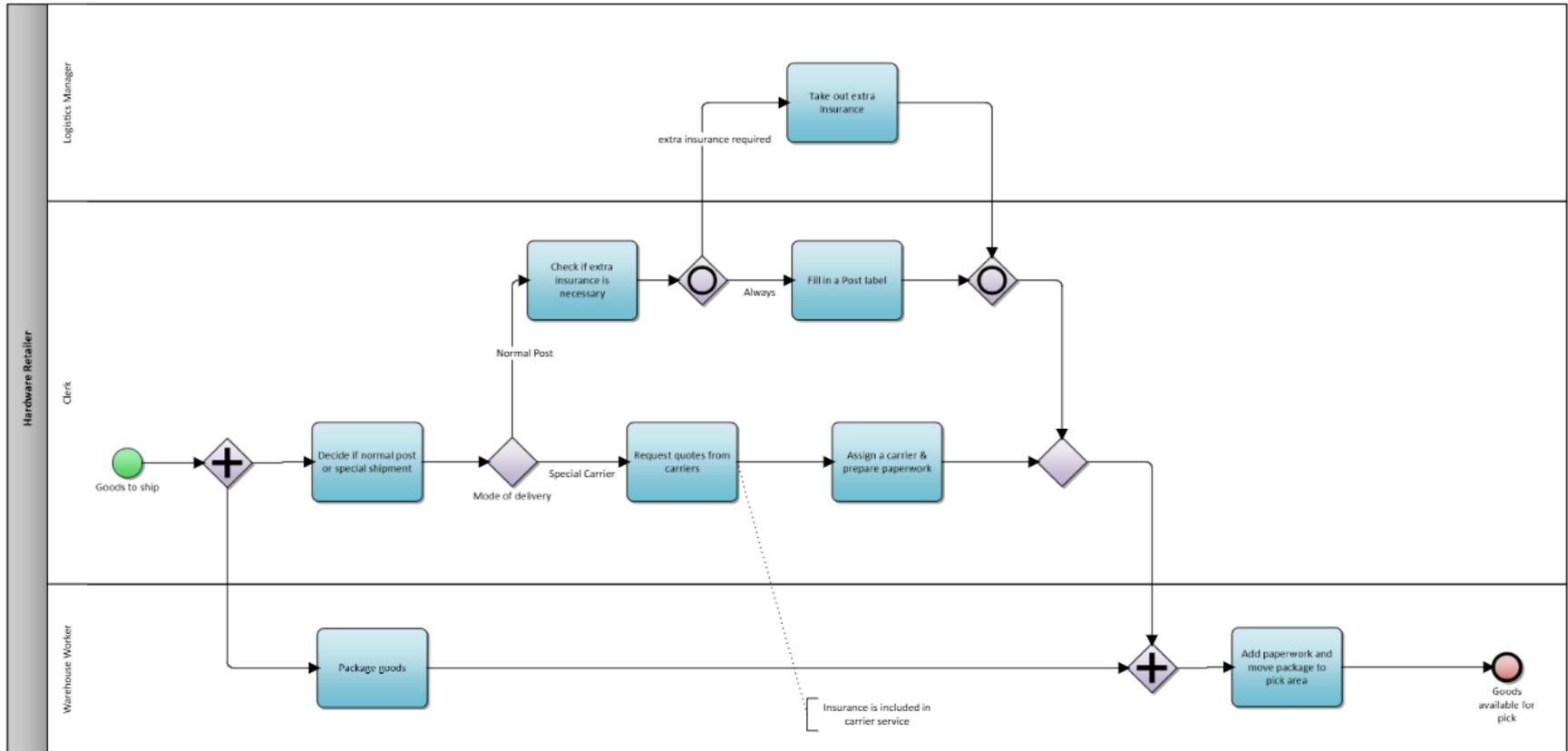
Proposed Changes

Step 1 – Create 02_Application Layer package under root Model ({13A52601-AE93-4286-AC8A-8BE24618F660})

Step 2 – Create 26 Application Component elements, one per row in the sheet:

#	Application Name	Key Attributes	Customer Management System	Lifecycle	Vendor
1	Customer Management System	Lifecycle: End of Life, Vendor: Smart Vision			
2	Product Catalog	Lifecycle: Sunset, Vendor: YSoft			
3	Activation System	Lifecycle: Plan, Vendor: Microsoft			
4	Billing System	Lifecycle: End of Life, Vendor: Microsoft			
5	Customer Relationship Management	Lifecycle: Go Live, Vendor: Broadcom			
6	PPM	Lifecycle: Active, Vendor: IBM			
7	Invoicing System	Lifecycle: Sunset, Vendor: IBM			
8	Supplier Management System	Lifecycle: Plan, Vendor: HP			
9	Data Relationship Management	Lifecycle: End of Life, Vendor: DELL			
10	MIDAS	Lifecycle: Go Live, Vendor: Microsoft			
11	Amazon Connect	Lifecycle: Go Live, Vendor: Microsoft			
12	Avaya				

Importing Visio



Importing Visio - Updating Stereotypes

AI Assist

Chat Agent Executions

C:\Users\User\OneDrive - Sparx Systems I X +

C:\Users\User\OneDrive - Sparx Systems India Services Private Limited\Sparx AI & Graph Capabilities - Documents\External\Genie\Demo Slides\March 26 Genie Webinar\BPMN Shipment Process.vsdX

I would like to import this Visio file, this must be mapped as a BPMN diagram, pay special attention to pools and lanes in the diagram and map them as respective BPMN elements

7:30:00 am

- Thinking
- Task
- Get All Models
- Get Package Children

The repo currently only has two packages – 02_Application Layer and TM Forum MODA. The canonical 07_BPMN Processes/ package doesn't exist yet. I'll need to create it. Now let me present the full plan.

AI Assist

Find Package Chat Agent Executions

The elements in the diagram Model.07_... +

The elements in the diagram Model.07_BPMN Processes.Shipment Process must be as per the BPMN2.0 stereotypes as shown in the diagram Model.07_BPMN Processes.07_BPMN Processes

7:30:00 am

- Thinking
- Get All Models
- Get Package Children
- List Diagrams In Package

Importing Visio – Generate and Exec Script

The elements in the diagram Model.07_...

7:30:00 am

create a EA script for a diagram to change the all connectors' connector type to ControlFlow and Stereotype to BPMN2.0::SequenceFlow

7:30:00 am

Thinking

Task

The script "Set Connectors to ControlFlow SequenceFlow" has been created and saved in the EA Script Manager. Here's a quick reference:

Script Details

| Property | Value | |---| | **Name** | Set Connectors to ControlFlow SequenceFlow || **Group** | BPMN utilities || **Language** | VBScript |

What it does

1. Gets the currently open diagram – exits with a message if none is open
2. Loops all `DiagramLinks` on the diagram
3. For each connector sets:

The elements in the diagram Model.07_...

Script Details

| Property | Value | |---| | **Name** | Set Connectors to ControlFlow SequenceFlow || **Group** | BPMN utilities || **Language** | VBScript |

What it does

1. Gets the currently open diagram – exits with a message if none is open
2. Loops all `DiagramLinks` on the diagram
3. For each connector sets:
 - o Type → ControlFlow
 - o Stereotype → BPMN2.0::SequenceFlow
4. Calls `connector.update()` per connector with error handling (failed connectors are skipped and counted)
5. Reloads the diagram to reflect changes
6. Shows a summary: "Updated X / Skipped Y / Total Z connectors"

How to run

1. Open the target BPMN diagram in EA
2. Go to **Specialize** → **Scripting**
3. Expand **BPMN Utilities** → right-click **Set Connectors to ControlFlow SequenceFlow** → **Run**

7:30:00 am

March 26 Genie Webinar

OneDrive > Sparx AI & Graph Capabilities - Documents > External > Genie > Demo Slides > March 26 Genie Webinar

Search March 26 Genie Webinar

New | Cut | Copy | Paste | Share | Delete | Sort | View | Details

Name	Status	Date modified	Type	Size
MODA - Application Framework Level 1 Overview_files	✓	10/03/2026 3:51 PM	File folder	
MODA_files	✓	10/03/2026 3:52 PM	File folder	
APM - Model Harvest v1.xlsx	✓	6/09/2023 6:12 PM	Microsoft Excel Worksheet	33 KB
BPMN Shipment Process.vsdX	✓	10/03/2026 4:31 PM	Microsoft Visio Document	126 KB
MODA.html	✓	10/03/2026 3:51 PM	Chrome HTML Document	1,297 KB
Nizam - Genie Webinar - Storyline.docx	✓	10/03/2026 3:24 PM	Microsoft Word Document	23 KB
Nizam-Genie-Presentation-Images.pptx	✓	10/03/2026 3:56 PM	Microsoft PowerPoint Presentati...	798 KB

Home | Gallery | Nizam - Revealtel Solutions Pvt Ltd | Nizam - Sparx Systems India Services Private | OneDrive - Sparx Systems Pty Ltd

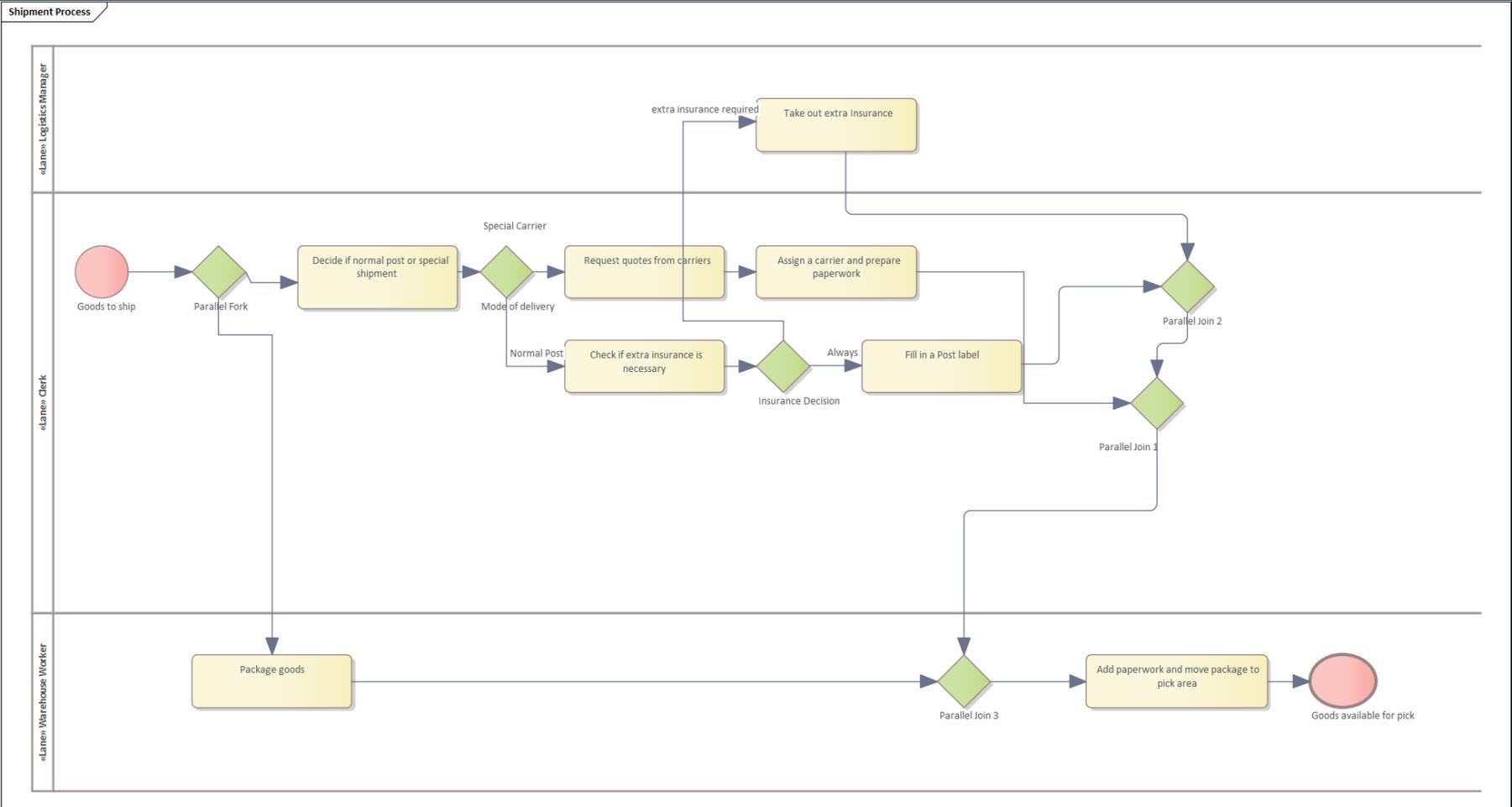
Desktop | Downloads | Documents | Pictures | Music | Videos | Temp | Reveal Business 2026 | Updated | March 26 Genie Webinar

This PC | Windows (C:) | Network

7 items | 1 item selected | 125 KB | Available on this device

BPMN Shipment Process.vsdX

Importing Visio File, Updating Stereotypes, Connectors and layout



Concept / Whiteboard to Model

Transform concept sketches, whiteboard photos, and hand-drawn diagrams into structured EA architecture models using AI vision.

- ▶ Upload photos of whiteboard sketches or diagrams
- ▶ AI identifies elements, connectors, and layout
- ▶ Generates proper EA model with correct stereotypes
- ▶ From concept to formal model in seconds

INPUT

Image / Photo

Whiteboard sketch or screenshot



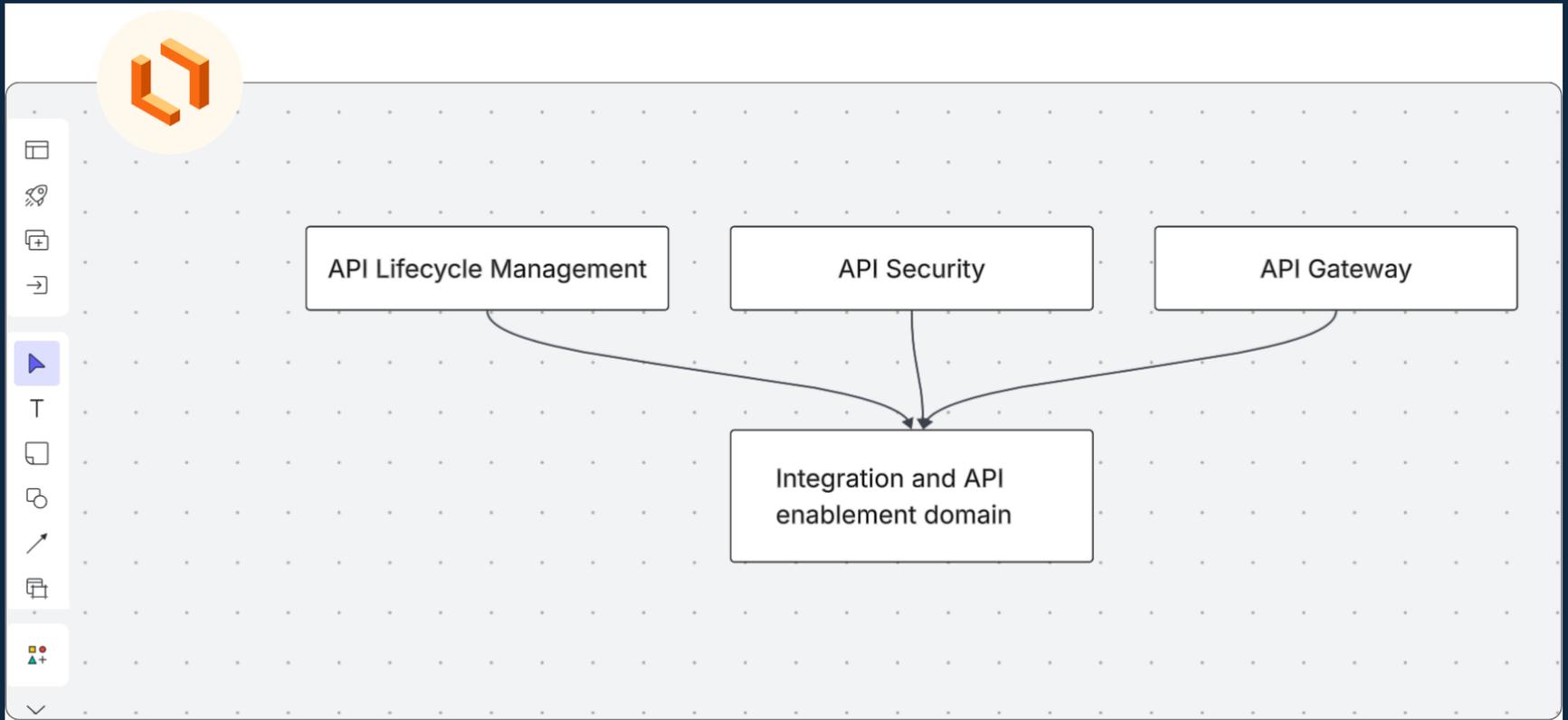
OUTPUT

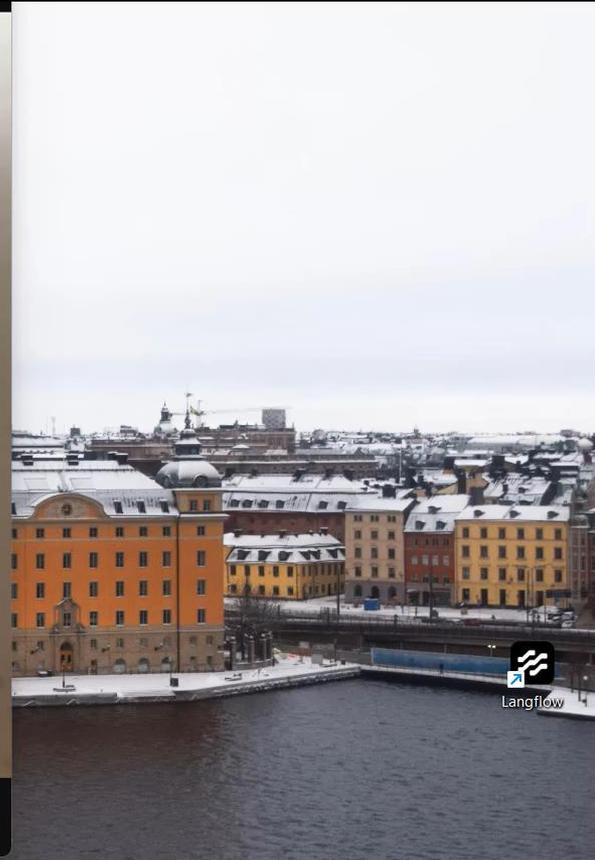
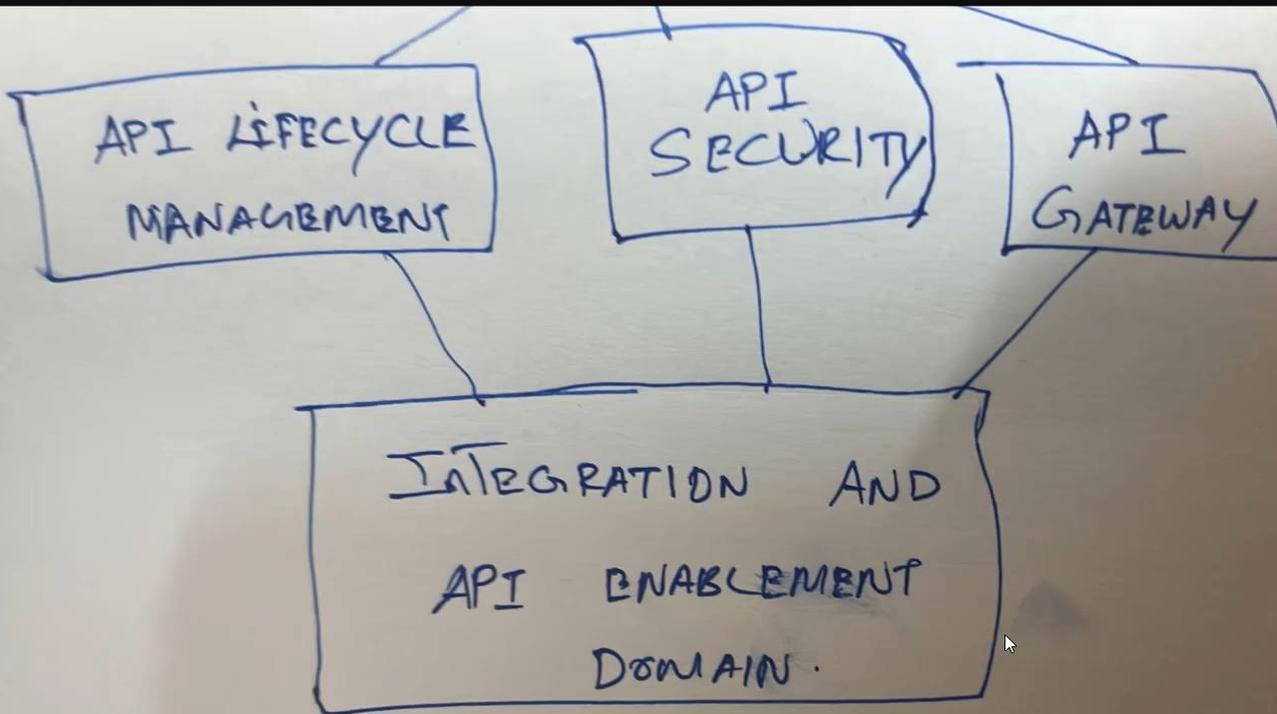
EA Model

Formal architecture model in EA

Convert Context to Model

Whiteboard, Mindmaps, Visio, Miro, Lucid Chart, etc.





Model Insights

Leverage AI to analyze Model diagrams such as BPMN diagrams or ArchiMate diagrams, uncovering optimization opportunities, bottlenecks, and compliance gaps.

- ▶ Ask questions about any model information (e.g. business process, etc.) in natural language
- ▶ Get AI-generated insights on process efficiency
- ▶ Identify bottlenecks and redundancies automatically
- ▶ Drive data-informed process improvements

INPUT

Diagrams

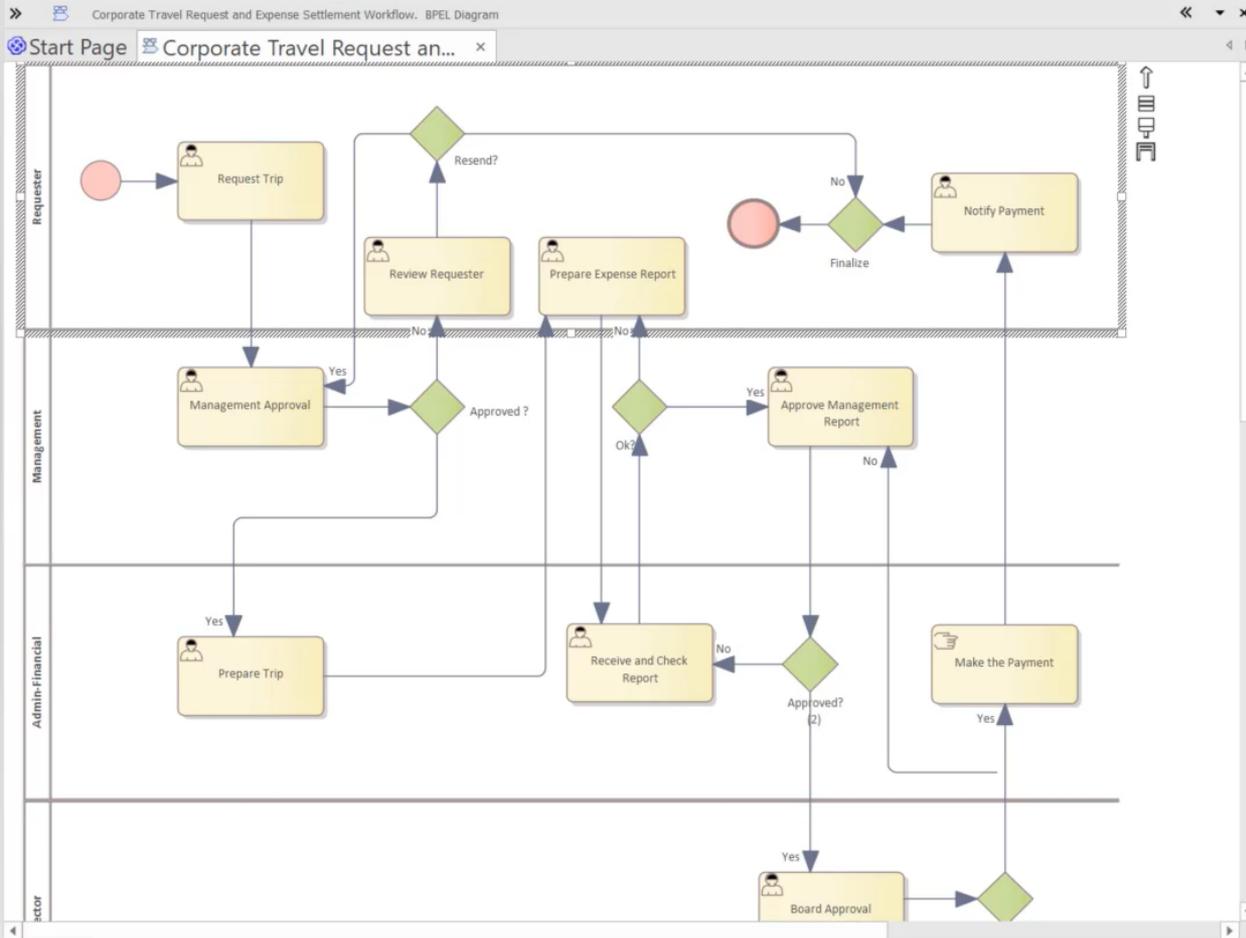
E.g. business process models



OUTPUT

Optimization Insights

Actionable process improvements



Genie

Select conversation

Start a conversation by sending a message below

Ask me anything...

Plan AI will create a plan and wait for approval before executing

Genie Debug Traceability Properties

Event-Driven Agents

Create specialized AI agents that monitor EA Broadcast Events and automatically trigger actions — automating governance, validation, documentation, and workflows end to end.



Governance

Enforce modeling standards, naming conventions, and compliance rules automatically across your EA repository.



Validation

AI-driven validation of model integrity, relationship consistency, and architectural patterns in real-time.



Documentation

Generate comprehensive documentation from models including reports, diagrams, and technical specs.



Autonomous

Connect to EA broadcast events to trigger agents automatically when models change — no manual intervention.

Setup EA Specific Agent

The screenshot shows a web application window titled "AI Assist Configuration". The interface is divided into a left sidebar and a main content area. The sidebar contains a navigation menu with the following items: "Models", "MCP Servers", "Agents" (which is highlighted with a blue bar), and "Executions". At the bottom of the sidebar is a "Collapse" button with a left-pointing arrow. The main content area has a header section with the title "Agents" and a subtitle "Configure AI agents with models and tools". In the top right corner of this section is a blue button labeled "+ Add New" with a hand cursor icon. Below the header is a search bar containing the text "Search agents..." and a dropdown menu labeled "Event" with "All Events" selected. The main content area is currently empty, displaying the message "No agents found" and "Get started by adding your first agent".

Generate Role and Instruction (using AI)

AI Assist Configuration

Add New Agent

Active

Connector Validation Agent

A unique name for this agent (min 3 characters)

Agent Definition

 Generate Role & Instruction with AI

Rule For The New Connector . If The Created Connector Violates Then Delete The Created Connector

276 characters (min: 10)

SKIP

CANCEL BACK

Review Agent Instructions

AI Assist Configuration

Agent Instruction

- When a violation is detected, capture detailed information:
 - Which MetaModel rule was violated
 - What the connector attempted to connect (source type → connector type → target type)
 - What the MetaModel allows for this scenario
 - The specific reason for deletion
- 7. After taking action, verify the operation:
 - IF connector was deleted → Confirm deletion was successful
 - IF connector was retained → Confirm it remains in the model

Output Format:
Present your findings in this structured format:

****VALIDATION SUMMARY****

- Connector Evaluated: [Connector Name/ID]
- Source: [Element Name] (Type: [Type], Stereotype: [Stereotype])
- Target: [Element Name] (Type: [Type], Stereotype: [Stereotype])
- Connector Type: [Type]

2557/5000 characters (min: 50)

Collapse

Access EA Tools for Automation

AI Assist Configuration

Add New Agent

Active

1 Agent Details — 2 Tools & Config — 3 Triggers (Optional)

Tools

Sparx Systems EA Tools **SPARX SYSTEMS** (70 tools)

Select sub-tools: Select All Clear All

<input type="checkbox"/> get_local_script	<input type="checkbox"/> create_model	<input type="checkbox"/> get_diagram_by_guid
<input type="checkbox"/> remove_element_from_diagram	<input type="checkbox"/> update_tagged_value	<input type="checkbox"/> get_selected_element
<input type="checkbox"/> list_local_scripts	<input type="checkbox"/> delete_method	<input type="checkbox"/> get_selected_package
<input type="checkbox"/> get_element_tagged_values	<input type="checkbox"/> list_script_groups	<input type="checkbox"/> get_package_by_id
<input type="checkbox"/> get_script	<input type="checkbox"/> execute_query	<input type="checkbox"/> delete_script_group
<input type="checkbox"/> list_scripts	<input type="checkbox"/> update_connector	<input type="checkbox"/> get_all_models

CANCEL BACK NEXT

Assign to intended EA Event

AI Assist Configuration

Add New Agent

Active

Agent Details Tools & Config **3 Triggers (Optional)**

Triggers are optional. You can always run agents manually from the Executions page.

Triggers respond only to manual user actions in Enterprise Architect, not automated processes.

TRIGGER EVENTS (0)

New Trigger

Event Type

- ELEMENT EVENTS**
- Element Post Create
- Element Post Modify
- Element Pre Delete
- CONNECTOR EVENTS**
- Connector Post Create

Execution: Async

Priority: 1

CANCEL BACK **CREATE AGENT**

Executions

View agent execution history

Filters

Agent

Agent ↑

Connector Validation Agent

Showing 1 of 1 execution (across all agents)

Execution Details

Executed Event Triggered

Agent	Execution ID
Connector Validation Agent	d50dfe70-d437-485e-86a5-85d3ee05ce8b
Started At	Duration
Feb 25, 2026, 02:09:41 PM	< 1s
Event	
EA_OnPostNewConnector	

Input

```
{
  "object_type": "Connector",
  "connector_id": 371,
  "connector_guid": "{3C6B964E-CASE-47a2-8470-BF282CED0923}",
  "connector_name": "",
  "connector_type": "Dependency",
  "connector_stereotype": "",
  "direction": "Source -> Destination",
  "notes": "",
  "client_id": 501,
  "client_name": "Organization1",
  "client_type": "Class",
  "supplier_id": 502,
  "supplier_name": "Application1",
  "supplier_type": "Component",
  "event_action": "created"
}
```

Output

```
---
## **VALIDATION SUMMARY**
- **Connector Evaluated**: Connector ID 371 / GUID {3C6B964E-CASE-47a2-8470-BF282CED0923}
- **Source**: Organization1 (Type: Class, Stereotype: APM_Organization)
- **Target**: Application1 (Type: Component, Stereotype: APM_Application1)
```

CLOSE

The Essential Architecture - APM (1) - Enterprise Architect

Start Design Layout Develop Simulate Execute Construct Specialize Publish Settings

JavaScript Script Library VBScript JScript System Integration ArchiMate ODM GML NIEM NIEM

Manage Technology Publish Technology Publish Perspective Manage Addin Addin Windows AI Assist Chat Agent Executions BPMN Visualizer Microsoft Visio Microsoft Office Elaborate

The Essential Architecture - APM > MetaModel

Browser Start Page MetaModel AFM Diagram

The Essential Architecture - APM

- Connector Validation Check
- Connector Validation Check
- Navigation Overview
- MetaModel
 - MetaModel
 - Application Landscape
 - «TEA_ApplicationDomain» Application D
 - «TEA_ApplicationSubDomain» Applicat
 - «TEA_ITApplicationOwner» IT Applicator
 - «TEA_Organization» Organization
 - «TEA_Project» Project
 - «TEA_Stakeholder» Stakeholder
 - «TEA_Application» Application
 - «TEA_ApplicationService» Application Se
- Architecture Catalog

The Essential Architecture- APM MetaModel

Business

- IT Application Owner
- Organization
- Stakeholder

Application

- Application Domain
- Application Sub Domain
- Application
- Application Service

Governance

- Project

AI Assist

Chat Agent Executions

No active executions
Use the dropdown below to run an agent manually

Select Agent Input (optional)

APM Diagram:MetaModel: created: 25-10-2023 16:11:17 modified: 16-02-2024 20:22:43 125% 827 x 1169

The Essential Architecture - APM (1) - Enterprise Architect

Start Design Layout Develop Simulate Execute Construct Specialize Publish Settings

JavaScript Script Library VBScript JScript System Integration ArchiMate ODM ArcGIS GML NIEM 2.1 NIEM Manage Technology Publish Technology Publish Perspective Manage Addin Addin Windows AI Asset BPMN Visualizer Microsoft Visio Microsoft Office Elaborate

Scripting Information Exchange Technologies Add-Ins

The Essential Architecture - APM > Navigation Overview > Find Package

Browser > Application Portfolio Management - APM Diagram > Start Page > Application Portfolio Manag...

Project Context Diagram Resources

The Essential Architecture - APM > Navigation Overview > Application Portfolio Management > MetaModel > Architecture Catalog

Application Portfolio Management

- Organization
- Stakeholder
- IT Application Owner
- Application Domains
- Application Service
- Application Landscape
- Project

AI Assist > Chat > Agent Executions

No active executions
Use the dropdown below to run an agent manually

Select Agent Input (optional)

Browser Inspector Toolbox

Features System Output Maintenance Scripting

APM Diagram: Application Portfolio Management: created: 25-10-2023 17:06:36 modified: 11-07-2024 16:47:48 125% 827 x 1169

All Perspectives CAP NUM SCB CLOUD

MODULE 02

Genie AI in Prolaborate

AI-powered collaboration for stakeholders. Build charts, summarize discussions, and explore models through natural language.

FEATURES IN THIS MODULE:

- ▶ **Charts & Reports from Natural Language** — Build visualizations by asking in plain English
- ▶ **Discussion Summary & Smart Reply** — AI-powered thread summaries and replies
- ▶ **Model Summary & Exploration** — Navigate and understand models with AI



Module Features



Charts & Reports from Natural Language

Build rich visualizations and reports by simply asking questions in plain English — no SQL or custom report builders needed.



Discussion Summary & Smart Reply

AI-powered conversation intelligence that summarizes discussion threads and drafts contextual, role-aware responses.



Model Summary & Exploration

Interact with your architecture model conversationally. Ask Genie questions and receive structured answers from your EA repository.

Charts & Reports from Natural Language

Build rich visualizations and reports by simply asking questions in plain English — no SQL, no custom report builders needed.

- ▶ Query your model with natural language prompts
- ▶ Auto-generate charts, graphs, and tabular reports
- ▶ AI understands your metamodel for accurate results
- ▶ Share insights with stakeholders instantly

INPUT

Natural Language

"Show me a bar chart of..."



OUTPUT

Charts & Reports

Interactive dashboards & exports

Discussion Summary & Smart Reply

AI-powered conversation intelligence that summarizes discussion threads and drafts contextual, role-aware responses.

- ▶ Summarize lengthy discussion threads instantly
- ▶ Generate role-specific, context-aware replies
- ▶ Understands participant roles and perspectives
- ▶ Stay informed without reading every message

INPUT

Threads & Messages

Long discussion conversations



OUTPUT

Smart Summaries

Concise summaries & context-aware replies

Model Summary & Exploration

Interact with your architecture model conversationally. Ask Genie questions and receive structured, accurate answers from your EA repository.

- ▶ Ask natural language questions about your models
- ▶ Get contextual summaries of elements and diagrams
- ▶ AI trained on your metamodel and EA nuances
- ▶ Convert complex queries into intuitive visualizations

INPUT

Model Data

Complex architecture models



OUTPUT

AI Insights

Summaries, navigation & understanding

AI Capabilities in Prolaborate: V6 Preview and Product Roadmap

Accelerating Enterprise Architecture decisions through Artificial Intelligence.

Prolaborate

Scroll down to navigate ↓

Prolaborate AI Roadmap

An illustration of our broader strategy for introducing artificial intelligence across the Enterprise Architecture practice. These capabilities are designed to enhance how teams discover, manage, and operationalize architecture knowledge.



Genie Conversational Agent

Execute end-to-end actions like generating executive landscapes, charts, and reviews through natural language to slash manual overhead.



Intelligent Assistance

Genie analyzes model data to improve maturity, enhances stakeholder engagement via AI assistants, and provides real-time guidance for users.



Predictive Governance & Quality

Automate Impact Analysis and Quality Scoring for model elements while instantly identifying compliance gaps and enterprise risks.



Data Discovery

Maintain a living source of truth by automatically populating architecture repositories from both structured and unstructured documents, improving data maturity.

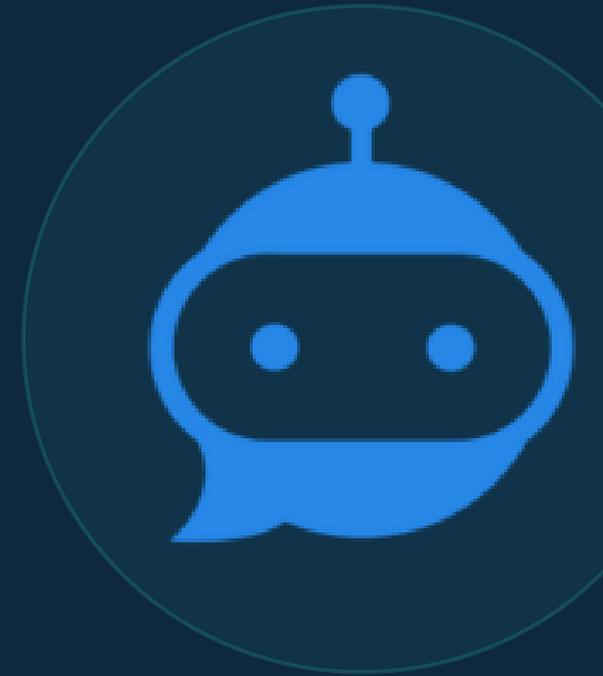
MODULE 03

Genie AI Hub

Centralized AI platform for knowledgebase integration, document generation, cross-tool connectivity, and intelligent automation workflows.

FEATURES IN THIS MODULE:

- ▶ **Knowledgebase Integration** — Connect external knowledge sources to AI
- ▶ **Custom Documents & Reports** — Generate tailored documentation automatically
- ▶ **Cross-Tool Integrations (MCP)** — Seamless connectivity across tools
- ▶ **Intelligent Workflows** — AI-driven automation and orchestration



Knowledgebase Integration

Train Genie on your organization's documents, PDFs, Confluence pages, and knowledge bases for context-aware, domain-specific AI responses.

- ▶ Connect Documents, PDFs, RTFs as knowledge sources
- ▶ Integrate Confluence spaces directly
- ▶ Context-aware responses grounded in your data
- ▶ Train on MDG metamodels for specialized guidance

INPUT

Your Knowledge

Documents, wikis, standards



OUTPUT

AI-Powered Answers

Context-aware intelligent responses

Genie

apm-ai.prolaborate.com

APM

Genie

My Chat All Chats

Recents

Today

- Is there any application...
- What outcomes must P...
- Provide the details of P...
- from confluence get the...
- Provide the details of M...
- Find details of Midas
- Provide the details of c...

Previous 7 days

- Get the systems list wit...
- Get the systems list wit...
- Is there any outdated s...
- Is there any outdated s...

Configuration

Unlock Expert Insights. Elevate Your Architecture. Maximize Efficiency.

Meet Genie, your AI assistant for Enterprise Architecture. Get quick support with modeling, documentation, and drive smarter decisions.

Ask Question

Document Search Model Explorer Document JIRA Search Re-Phrase

AI responses may include mistakes.

Custom Documents & Reports

Generate professional Word documents, Excel spreadsheets, and PDFs from your architecture data with AI-powered document preparation.

- ▶ Generate Word documents from model context
- ▶ Export structured data to Excel spreadsheets
- ▶ Create polished PDF reports for stakeholders
- ▶ Custom templates with architecture-aware content

.docx .xlsx .pdf

AI-generated professional documents from your architecture data

Charts, Reports, Insights

Generate reports and obtain insights using AI



The Essential Architecture

A



Unlock Expert Insights. Elevate Your Architecture. Maximize Efficiency.

Meet Genie, your AI assistant for Enterprise Architecture. Get quick support with modeling, documentation, and drive smarter decisions.

Ask a question... I

Document Search

Genie

Genie

Model Explorer



AI responses may include mistakes.

Genie

My Chat All Chats +

Recents

Today

- Fetch the oracle databa...
- get the issues from the ...

Yesterday

- show all direct and indir...
- compare oracle db with...
- show all direct and indir...
- which applications are ...
- List all the applications ...
- provide details about ci...

Previous 7 days

- what are the impacted ...
- Which projects impact t...
- Which projects impact t...
- Which projects impact t...
- Show me all application...
- Show me all application...
- What happens if Oracle...
- What happens if Oracle...

Configuration

APM

Fetch the oracle database application details from the model and verify whether any jira items are linked to it



Ask Question

Document Search Model Explorer Designer JIRA Search Prolaborate

Re-Phrase

AI responses may include mistakes.

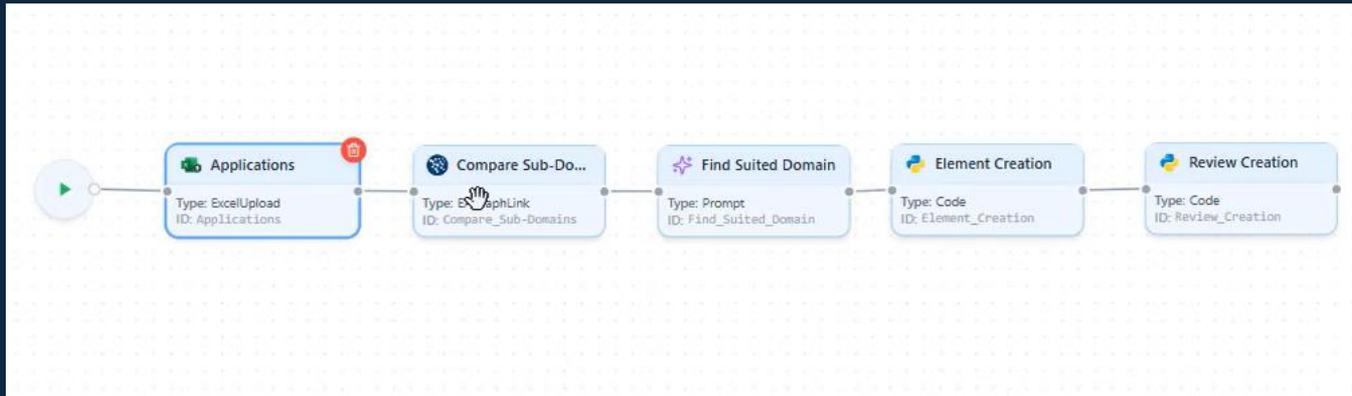
Intelligent Workflows

Build intelligent automation and integration workflows that orchestrate AI actions across your architecture ecosystem — no coding required.

- ▶ Design visual workflow automations
- ▶ Chain AI actions into intelligent pipelines
- ▶ Trigger-based automation across integrated tools
- ▶ End-to-end orchestration without writing code

Workflow Engine

Visual automation builder for intelligent integration pipelines



- Genie
- Genie Chat
- LLMs
- GraphLink
- Tools & integrations
- Agents
- Intelligent Flows**
- SSO Configuration
- User & Access control

Intelligent Flows

Create and manage automated workflows

Rows per page 10

NAME	LAST RUN	FEATURES	ACTIONS
Link Jira Items Link Jira Items	Never run	Tool	
Applications and SubDomains Applications and SubDomains	March 11, 2026 07:59 AM 51 total runs		
Download Applications and its Services Download Applications and its Services	February 20, 2026 05:00 PM 12 total runs		
Download Applications from EA Download Applications from EA	January 30, 2026 10:30 AM 3 total runs		

4 row(s) total.

Integrations

Agent 2 Agent (A2A) Copilot, PowerBI, etc.

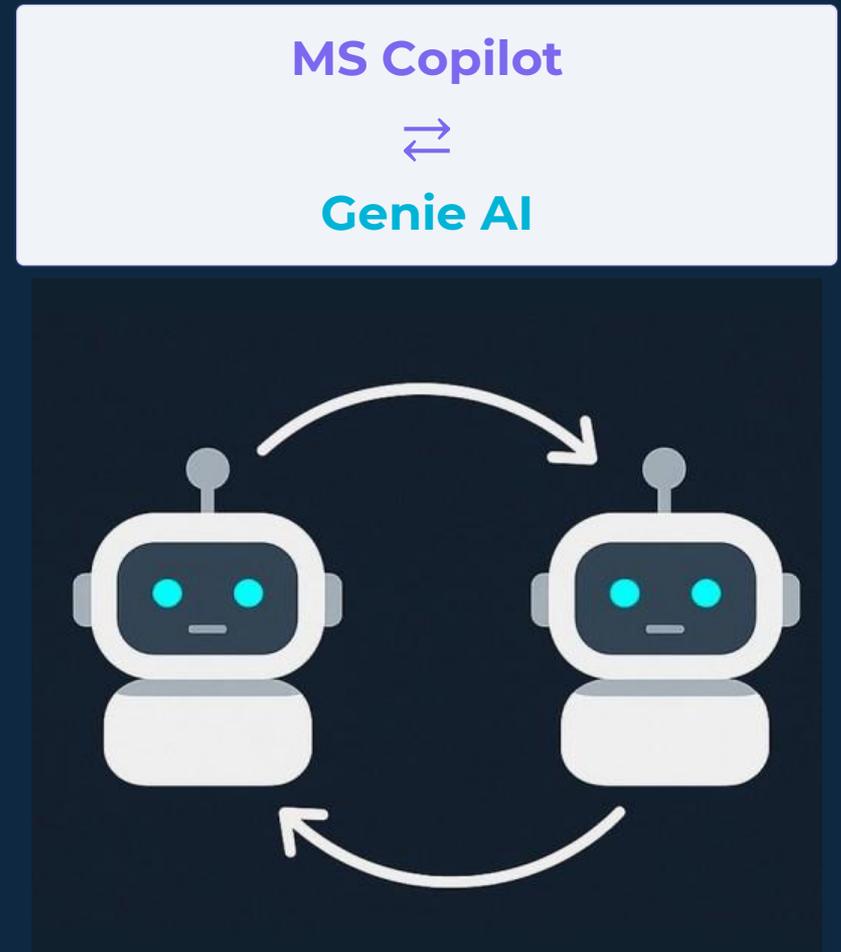
Genie AI platform allows users to access the intelligence and capabilities within their tools of choices , such as Copilot or PowerBI



A2A Workflow – Agent to Agent

Integrate Genie with Microsoft Copilot through Agent-to-Agent (A2A) workflows, enabling your Copilot to access architecture intelligence directly.

- ▶ Connect Genie as a Copilot Studio agent
- ▶ Access EA insights from Teams, Outlook & Office
- ▶ Agent-to-Agent communication protocol
- ▶ Architecture intelligence wherever you work



Copilot Studio

Genie CoPilot Integration Overview Knowledge Tools Agents Topics Activity Evaluation Analytics Channels

Details

Name: Genie CoPilot Integration

Description

Agent used to retrieve the sparx model contents based on the user query. do not add too much thoughts into it. just pass the user query as it is to the agent / tool

Select your agent's model

Your agent will primarily use the model for reasoning and responding. Experimental models are subject to preview terms. Learn more

Claude Sonnet 4.5

Analytics

Check your agent's key performance info from the last 7 days.

Conversation sessions	Engagement	Satisfaction score
0 0%	0% 0%	--

Instructions

Use the available tool to fetch the model contents. Do not add too much thoughts into it. just pass the user query as it is to the connect agent or tools.

Knowledge

Add data, files, and other resources to inform and improve AI-generated responses.

Test your agent

Hello, I'm Genie CoPilot Integration. How can I help?

2 minutes ago

Ask a question or describe what you need

You're testing your agent's real responses and capabilities. Find troubleshooting help here. Make sure AI-generated content is accurate and appropriate before using. See terms

Sparx AI Suite – Three Pillars

AI Assist

for Sparx EA

Add-in for Enterprise Architect bringing AI-powered modeling, natural language creation, validation agents, and event-driven automation directly into your EA environment.



Genie AI

in Prolaborate

AI-powered collaboration layer that delivers model insights, discussion summaries, charts, and reports to stakeholders through Prolaborate's web interface.



Genie AI Hub

Central Platform

Centralized AI platform for knowledgebase integration, custom document generation, cross-tool MCP integrations, and intelligent automation workflows.





Thank You

Start your AI-powered architecture journey today

genie.sparxsystems.com

[Request a demo](#) | [Start your free trial](#) | [Contact us](#)