



# Transformation you can *trust*.

How Pega Blueprint securely manages  
data, privacy, and AI.

→ Pega Blueprint™ Security & Privacy

The image shows a woman in a business suit smiling while looking at a tablet. To her right is a screenshot of the Pega Blueprint interface, specifically the 'Retail Loan Origination' workflow. The interface is a grid-based editor where each row represents a step in the process. The columns are labeled: 'Capture Applicant Inf...', 'Eligibility and Evaluat...', 'Additional Document...', 'Loan Amount and Te...', and 'Loan Agreement and ...'. Each column contains several workflow steps, each with a small icon and a description. For example, the 'Eligibility and Evaluat...' column includes steps like 'Eligibility Check', 'Credit Check', and 'Check Collateral Type'. The interface also includes tabs for 'Case Lifecycle' and 'Case Data Model', and a sidebar with 'Primary Stages' and 'Add Step' buttons. In the top right corner of the screenshot, there is a large, stylized graphic of a cloud with a padlock and a network of lines, symbolizing security and data management.

# Pega Blueprint™ Security & Privacy Summary

We built Pega GenAI Blueprint™ with your privacy and security as priorities. We understand your processes aren't just diagrams and workflows – they're your competitive advantage.



## Access managed by your enterprise

Blueprint access can be connected to your enterprise single-sign on.

- Blueprint manages data access through role-based access control to ensure the Blueprints created remain private to the creator unless actively shared.
- When a user leaves your organization, they will lose access to your Blueprints when their status or roles are updated in your organization's SSO provider.

## No AI is trained on your Blueprints

Prompts, data, and designs are never fed into AI models for training.

- Blueprint leverages multiple LLMs under the hood – including Anthropic models on AWS, Google Gemini, and OpenAI on MS Azure.
- All LLMs are continually governed, performance tested and leverage provider best practices for content filtering.

## Data remains confidential

The details of your Blueprints are stored in an encrypted cloud database.

- Deployed in the cloud in the region which makes most sense for your business – US, UK, APAC, or EU.
- No data shared across Pega clients or partners.
- Blueprints remain private to the creator unless actively shared.
- Only activity-level reporting data leveraged within Pega by authorized personnel (email address, create time, create name)

## Enterprise-grade cloud security

Your Blueprint data gets the same rock-solid protection as our production Pega Cloud Environment including:

- 256-bit AES encryption for data at rest and HTTPS/TLS protection for data in transit.
- Continuous monitoring with host-based virus protection and intrusion prevention systems.
- State-of-the-art operations centers that take physical and environmental security seriously.
- Built-in safeguards against DDoS attacks and automatic blocking of known malicious IP addresses.



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# What is Pega Blueprint?



# Transformation rocket fuel

**Pega Blueprint is enterprise workflow development powered by AI.** Focused on bringing people & AI together to accelerate automation & jumpstart transformation.



The screenshot shows the Pega GenAI + Blueprint interface for a "Retail Loan Origination" process. The top navigation bar includes "Dashboard", "Pega GenAI + Blueprint™", and a progress bar with steps: Application Context, Workflows, Workflow Details, Data & Integrations, Personas, and Summary. The main content area is titled "Retail Loan Origination" and shows a list of workflow steps under "Case Lifecycle". The steps are categorized into five columns: "Capture Applicant Info...", "Eligibility and Evaluat...", "Additional Document...", "Loan Amount and Te...", and "Loan Agreement and ...". Each column contains several sub-steps with icons and descriptions. For example, the "Capture Applicant Info..." column includes "Collect Applicant Information", "Collect Financial Information", and "Collect Collateral Information". The "Eligibility and Evaluat..." column includes "Eligibility Check", "Credit Check", and "Validate Financial Documentation". The "Additional Document..." column includes "Additional Documentation Check", "Collect Additional Documentation", and "Collect Collateral". The "Loan Amount and Te..." column includes "Loan Amount Check", "Loan Terms Calculation", and "Loan Terms Approval". The "Loan Agreement and ..." column includes "Prepare Loan Agreement", "Review and Sign Agreement", and "Approve Loan Disbursement". There are also "Add Step" buttons for each column. At the bottom right are "Save & Close" and "Next" buttons.

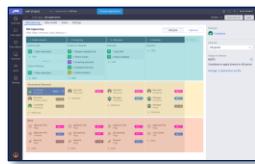
# Where does Blueprint fit in the SDLC?

Rapid design to jumpstart development



## Pega Blueprint™

Business & IT collaboration to accelerate initial workflow design with GenAI.



## Pega Infinity™ Pega App Studio

Deep configuration of integration, automation, etc. to turn Blueprints into complete apps



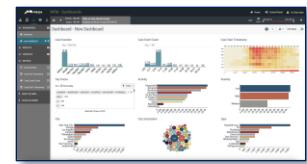
## Pega Infinity™ Pega Deployment Manager

Automated DevOps pipelines orchestrating route-to-live, including tests, approvals, security scans, and more



## Pega Infinity™

Secure end-user experiences to access workflows (locked down through role & access based controls)



## Pega Infinity™ Pega Process Mining

Analyze workflows to uncover process gaps & inefficiencies

No PII \*

No PII \*

No PII\*

Potentially sensitive

Potentially sensitive

Operated securely by Pega Cloud®

Private client deployment

Private client deployment

Private client deployment

Operated securely by Pega Cloud®

\*Based on design time use cases, it is not advised to manage PII at these phases

02

# Blueprint architecture.

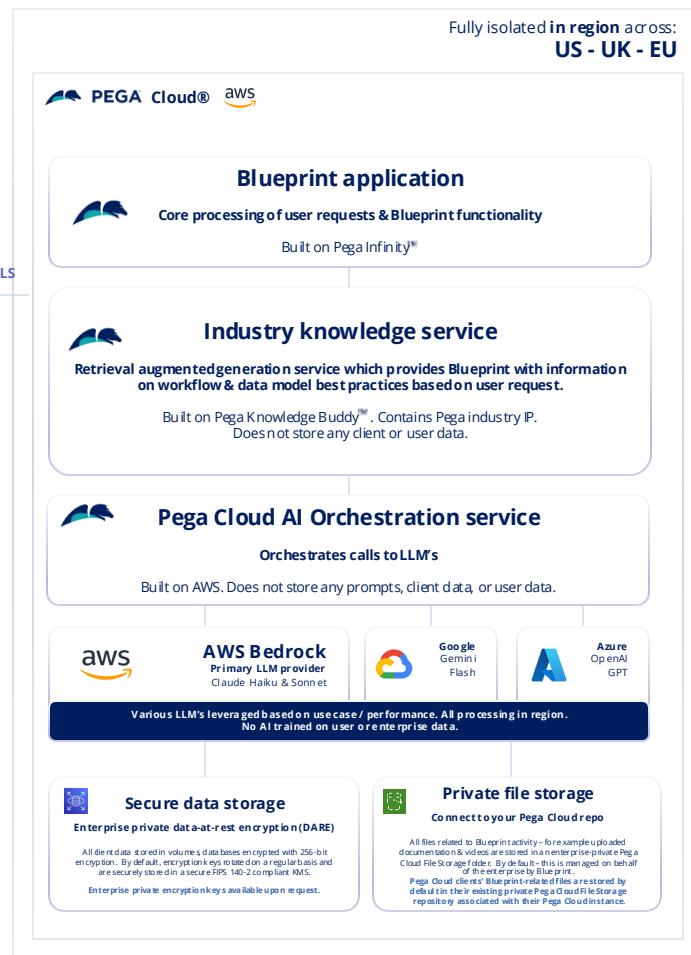
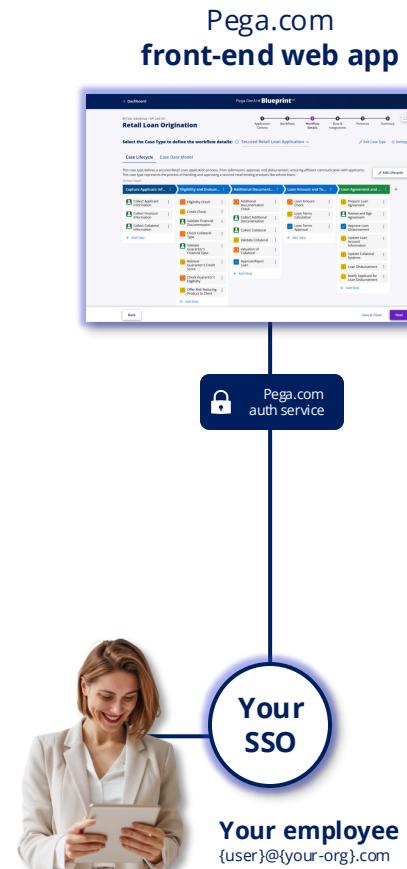


# Pega Blueprint™ Architecture

Blueprint runs securely in Pega Cloud® on AWS – managed & operated following [leading cloud standards](#).

## High level architecture:

- Blueprint authentication connects to your enterprise single-sign on protocol (SSO).
- Pega offers geographically segmented data residency services specific to its Pega Cloud offering. Blueprint geographic region is based on your enterprise location ([within either US-East, UK, or European Union](#)).
- Blueprint processing runs on a secure, reliable Pega Infinity application, fully backed by the operational strength of Pega Cloud services, delivering enterprise grade [reliability](#), [compliance](#), [security](#), & [disaster recovery](#).
- Blueprint leverages LLM's based on use case & performance. Primarily Claude models running on [AWS Bedrock](#).
- No AI is trained on your Blueprint data.
- Blueprint data is [encrypted in transit](#) with TLS.
- Blueprint data is [securely stored](#) & [encrypted at rest](#).



# Pega Blueprint™ Regional Data Residency (EU, UK, US)

## Enterprises located in the European Union

- Storage & compute: [AWS EU-Central \(Frankfurt\)](#)
- [AI Model Execution](#)

Provider	Model / provider	LLM regions
 <b>AWS Bedrock</b> <small>Primary provider</small>	Anthropic	AWS Bedrock: European Union
 <b>Google Cloud</b>	Gemini	Google Vertex: European Union
 <b>Microsoft Azure</b>	OpenAI GPT	Microsoft Azure: European Union

## Enterprises located in the United Kingdom

- Storage & compute: [AWS EU-Central \(Frankfurt\)](#)
- [AI Model Execution](#)

Provider	Model / provider	LLM regions
 <b>AWS Bedrock</b> <small>Primary provider</small>	Anthropic	AWS Bedrock: European Union
 <b>Google Cloud</b>	Gemini	Google Vertex: European Union
 <b>Microsoft Azure</b>	OpenAI GPT	Microsoft: European Union

## Enterprises located Across the globe

- Storage & compute: [AWS US-East](#)
- [AI Model Execution](#)

Provider	Model / provider	LLM regions
 <b>AWS Bedrock</b> <small>Primary provider</small>	Anthropic	AWS Bedrock: United States
 <b>Google Cloud</b>	Gemini	Google Vertex: United States
 <b>Microsoft Azure</b>	OpenAI GPT	Microsoft Azure: United States

### For Pega Partners

Define which enterprise you're creating a Blueprint on behalf of in the organization name field on the functional description page of blueprint and those Blueprints will be stored & managed within region on behalf of that enterprise, automatically.

### Determining which region a Blueprint is stored within

Check out the Blueprint ID – which will have a regional identifier if it is stored & managed within the EU, AU, UK, JP, or SG.

# Pega Blueprint™ Regional Data Residency (APAC)

## Enterprises located in the Australia

- Storage & compute: [AWS: Australia - Sydney](#)
- [AI Model Execution](#)

Provider	Model / provider	LLM regions
 <b>AWS Bedrock</b> <small>Primary provider</small>	Anthropic	AWS Bedrock: Australia/APAC
 <b>Google Cloud</b>	Gemini	Google Vertex: Australia
 <b>Microsoft Azure</b>	OpenAI GPT	Microsoft Azure: Australia / European Union

## Enterprises located in the Japan

- Storage & compute: [AWS: Japan - Osaka](#)
- [AI Model Execution](#)

Provider	Model / provider	LLM regions
 <b>AWS Bedrock</b> <small>Primary provider</small>	Anthropic	AWS Bedrock: Japan/APAC
 <b>Google Cloud</b>	Gemini	Google Vertex: Japan
 <b>Microsoft Azure</b>	OpenAI GPT	Microsoft Azure: Japan / European Union

## Enterprises located in the Singapore

- Storage & compute: [AWS: Singapore](#)
- [AI Model Execution](#)

Provider	Model / provider	LLM regions
 <b>AWS Bedrock</b> <small>Primary provider</small>	Anthropic	AWS Bedrock: APAC
 <b>Google Cloud</b>	Gemini	Google Vertex: Singapore
 <b>Microsoft Azure</b>	OpenAI GPT	Microsoft Azure: European Union

### For Pega Partners

Define which enterprise you're creating a Blueprint on behalf of in the organization name field on the functional description page of blueprint and those Blueprints will be stored & managed within region on behalf of that enterprise, automatically.

### Determining which region a Blueprint is stored within

Check out the Blueprint ID – which will have a regional identifier if it is stored & managed within the EU, AU, UK, JP, or SG.

03

# Access & authentication.



# Pega Blueprint™ Access & Auth

## Set up access to Blueprint with your single-sign on (SSO).

Enabling users to authenticate against your Organization's IDP ensures that only authorized users are accessing ALL Pega sites and applications, such as Blueprint, My Support Portal, etc.

When Federated Authentication is enabled, at log in, users will not be prompted to provide a password and will be redirected to authenticate against their Identity Provider.

IT leads at the client Organization can work with our integrated account team to enable Federated Authentication.

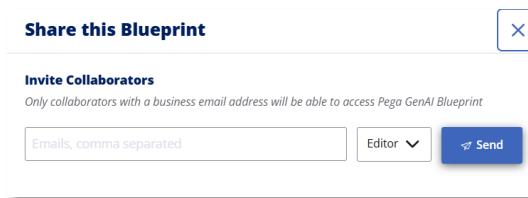
## What we need from you: **SAML 2.0 Configuration details** or **OAuth Configuration details**

Login to following applications will use Federated authentication: Blueprint, Pega.com, community.pega.com, academy.pega.com, support.pega.com, docs.pega.com, partners.pega.com, saleshub.pega.com, partner-logo-generator.pega.com, My Support Portal, My Pega Cloud, My Pega, PDC, Deployment Manager, Pega Trials

## Blueprints are only visible to the creator, unless actively shared.

By default, Blueprints are not visible to anyone beyond the user who created them (the Blueprint owner).\*\*

Blueprint owners have the ability to share the Blueprint with additional stakeholders (e.g. teammates, partners, etc.). They can invite users via email as either *editors* or *viewers*.



## When a user leaves your org, their Blueprints don't leave with them.

If an enterprise has federated their SSO with Pega digital properties (e.g. Blueprint), only users with active access to their SSO will be able to log into Blueprint.

If a user changes the domain registered with their pega.com profile – for example switches organizations, the Blueprints that they created within their old domain will no longer be visible.

Access to those Blueprints can be restored for other users within the organization upon request.

04

# Data privacy.



# Pega Blueprint™ Data Handling

## What's captured & how is it handled?

#	Datapoint	Format	Processed by LLM?	Used for AI Training?	Stored in...	Visible to...
1	<b>Creator information</b>	Metadata (name, email, org)	No	No	<b>Pega Cloud Data Storage</b> Fully encrypted*	Pega
2	<b>App description</b>	Metadata (industry, app name)	Yes – to inform initial Blueprint template	No	<b>Pega Cloud Data Storage</b> Fully encrypted*	Pega
3	<b>Text based application description</b>	Encrypted text	Yes – to inform initial Blueprint template	No	<b>Pega Cloud Data Storage</b> Fully encrypted*	Only Blueprint creator & invitees**
4	<b>Legacy documentation</b>	.PDF, .DOC, .DOCX	Yes – to inform initial Blueprint template	No	<b>Pega Cloud File Storage</b> Encrypted at rest*	Only Blueprint creator & invitees**
5	<b>Legacy videos &amp; images</b>	.MOV, .MP4, .JPG, .PNG	Yes – to inform initial Blueprint template	No	<b>Pega Cloud File Storage</b> Encrypted at rest*	Only Blueprint creator & invitees**
6	<b>Process diagrams</b>	.BPMN	Yes – to inform initial Blueprint template	No	<b>Pega Cloud File Storage</b> Encrypted at rest*	Only Blueprint creator & invitees**
7	<b>Integration &amp; data documentation</b>	.YAML, .SQL, .DDL, .CRD	Yes – to inform initial Blueprint template	No	<b>Pega Cloud File Storage</b> Encrypted at rest*	Only Blueprint creator & invitees**
8	<b>Blueprint edits &amp; final designs</b>	Encrypted metadata (exported as encrypted .Blueprint file)	No	No	<b>Pega Cloud Data Storage</b> Fully encrypted*	Only Blueprint creator & invitees**

\*Blueprint data can be permanently deleted upon request through Pega Support.

\*\*Visible only to authorized Pega administrative Cloud Operations personnel.

05

# Cloud security.





Visit the Pega Cloud Trust Center to learn more

# Pega Blueprint™ Cloud Security

Pega Blueprint runs on Pega's proven Pega Cloud® services, ensuring enterprise-grade security.

## Transformation you can rely on.

- 24/7 operations monitoring, management, and support
- Secure-by-design architecture operations with strict access controls and operational safeguards—minimizing human touch through automation
- Enterprise-grade compliance, uptime, disaster recovery, and threat modeling

## Operations

### Access

### Compliance

### Disaster recovery

### Threat modeling

### Availability

**24/7 monitoring, environment support, & proactive response**  
[Details](#)

**Environment governed by automated operational controls and strict access protocols**  
[Details](#)

**Strict adherence to 20+ industry standards**  
[Details](#)

**Comprehensive data & service back-up, failover, restoration**  
[Details](#)

**Follow red team methodology based on OWASP top 10**  
[Details](#)

**Architecture leverages built-in high availability and disaster recovery to support near continuous uptime.**  
[Details](#)

The screenshot shows the Pega Trust Center homepage. At the top, there's a banner with a purple background and white text. Below the banner, there's a section for 'Security' with sub-sections for 'Authorization & access', 'Network protection', and 'Secure system integration'. There are also sections for 'Data encryption', 'Supporting security documents', and 'Privacy'. On the right side, there's a sidebar for 'Compliance' with a table showing 'Last updated (YYYY-MM-DD)' for various resources. At the bottom, there's a section for 'Compliance certifications, attestations, and accessibility' with a table for 'Pega Cloud certifications'.

Resources	Last updated (YYYY-MM-DD)	Assessment scope
Digital Security Policies	2024-12-27	Pega Cloud AWS, GCP
Veracode Statement	N/A	Pega Cloud AWS, GCP
Penetration Test Summaries	2024-09-17	Pega Cloud AWS, GCP
Business Continuity Plan Summary	2024-05-03	Pega Cloud AWS, GCP
Disaster Recovery Test Results	2024-12-09	Pega Cloud AWS, GCP

Compliance certifications, attestations, and accessibility	
Pega Cloud certifications	
APRA	▼
CS	▼
CSA STAR	▼
Cyber Essentials	▼
Cyber Essentials Plus	▼
CyberGRX	▼
CyberVitals	▼
FISM	▼

06

# AI governance.





## Pega Blueprint™ leverages a mix of frontier models to help drive rapid transformation

Models are all securely managed & incorporated into the product to balance effectiveness & performance.

As of Q3 2025

While Pega continually assesses LLM's to ensure we're using the right model for the right job, here are models currently utilized under the hood:

Hyperscaler	LLM Provider	Blueprint region	LLM region
 <b>AWS</b> Primary provider	Anthropic	AMS (USA)	AWS Bedrock: United States
		EU	AWS Bedrock: European Union
		UK	AWS Bedrock: United Kingdom
		AMS (USA)	Google Vertex: United States
 <b>Google Cloud</b>	Google Gemini	EU	Google Vertex: European Union
		UK	Google Vertex: United Kingdom
		AMS (USA)	Microsoft Azure: United States
 <b>Microsoft Azure</b>	OpenAI - GPT	EU	Microsoft Azure: European Union
		UK	Microsoft Azure: United Kingdom

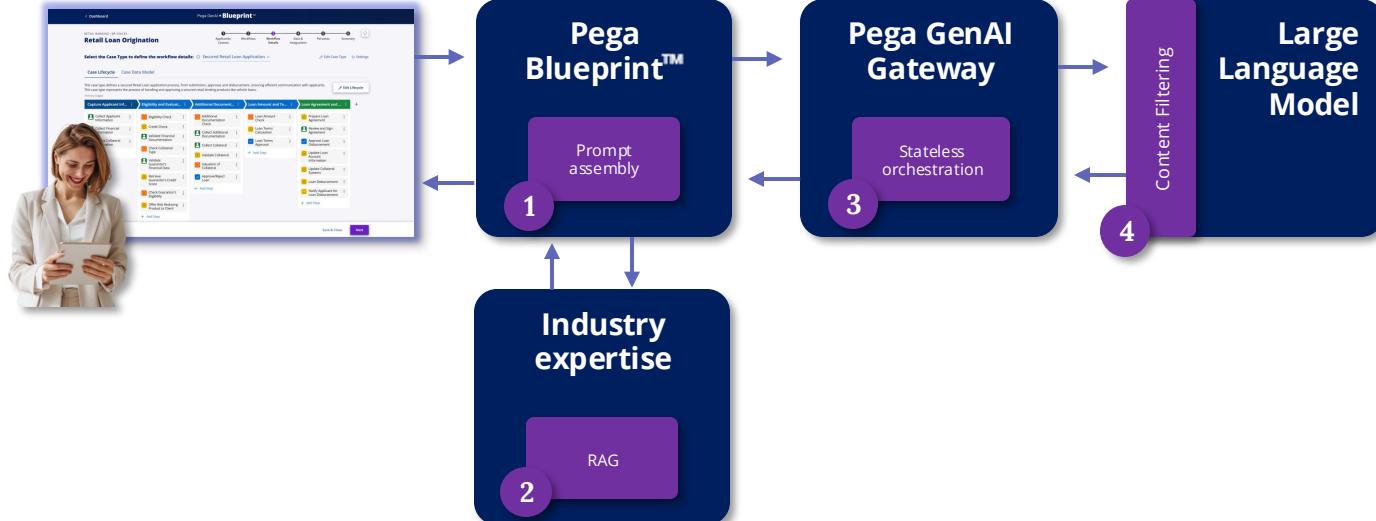
All agreements with hyperscalers include commitments that no prompts or data sent by Pega or clients will be accessed by either the hyperscaler or the LLM provider.

# AI Data Flow

## Pega Blueprint™

### Secure, safe AI handling:

1. Pega Blueprint **creates prompts** that describe the application based on user-entered information.
2. Pega Blueprint calls out to Pega's **industry expertise** knowledgebase run on Pega Knowledge Buddy to synthesize industry best practices based on Blueprinted use case and enrich LLM prompts & Blueprint creation.
3. All LLM calls are brokered by the **Pega GenAI Gateway** Service on Pega Cloud. This service provides a trusted layer of security, segmentation, and scalability for communication with large language providers.
4. When sending an encrypted prompt to a secure LLM, **content filtering** applies to detect and prevent harmful content in prompts and completions.



### Content filtering approach

Pega relies on the most proven Large Language Model Providers in its delivery of Pega capabilities that rely on Generative AI. Within each model, are robust content filtering capabilities that will mitigate the possibilities of harmful, unethical, or toxic responses from occurring. While the capabilities are robust, these are only mitigations and the possibility for a jailbreak remains. In addition, each model provider takes a different approach to achieving the same outcome of responsible and ethical AI.

This means that the classification models, thresholds, and categories of detection can differ. When different models are used different content classification and filtering is applied. When clients are using Pega GenAI Connect, they should be aware of these possible differences and perform testing to validate them.

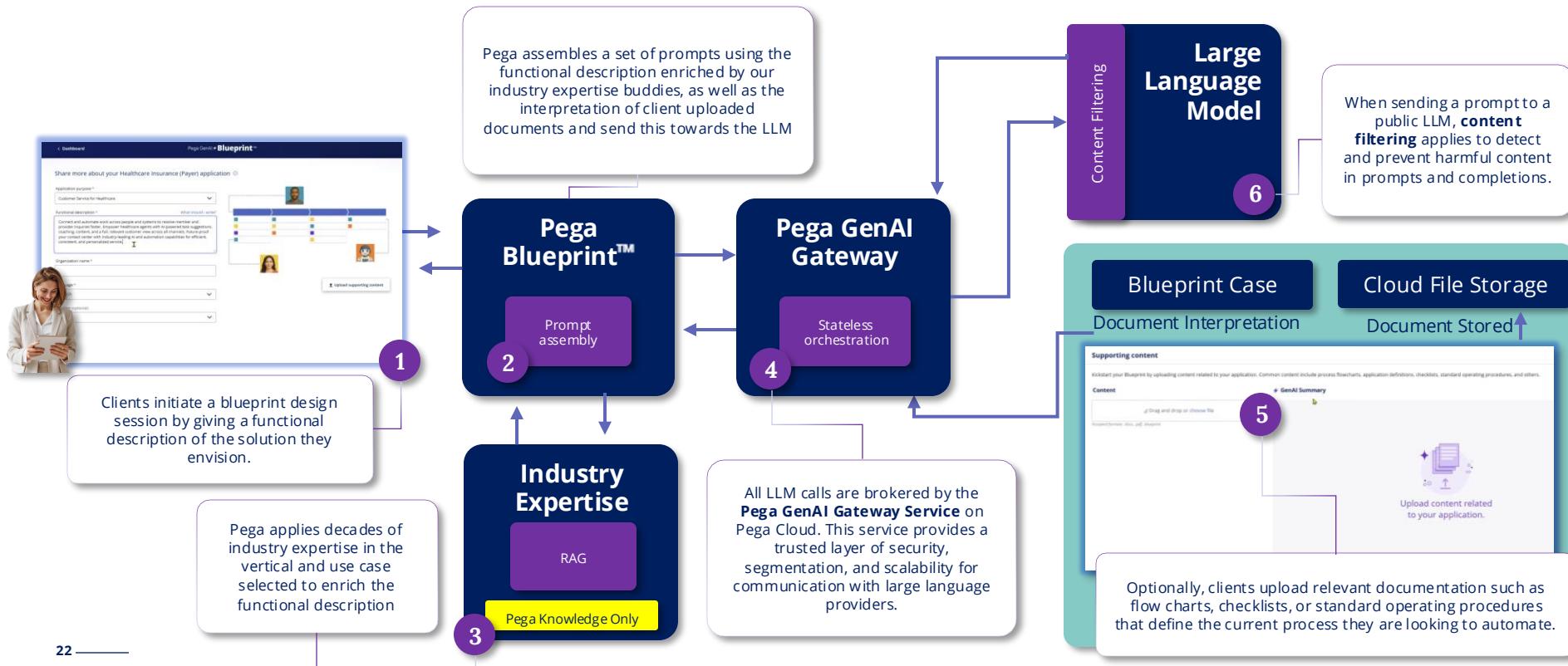
# AI Data Flow

## Pega Blueprint™

### Content filtering approach

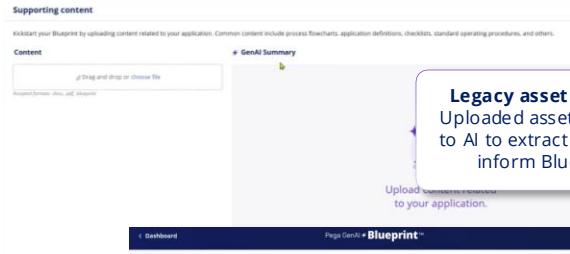
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# AI Data Flow

Pega Blueprint™



**Legacy asset analysis**  
Uploaded assets are sent to AI to extract insights & inform Blueprint

Blueprint Agents are designing Customer Service for Healthcare



**Initial generation**  
AI analyzes description & legacy asset analysis to generate Blueprint

Edit Case Type

Case Type \*  
Claims Inquiry

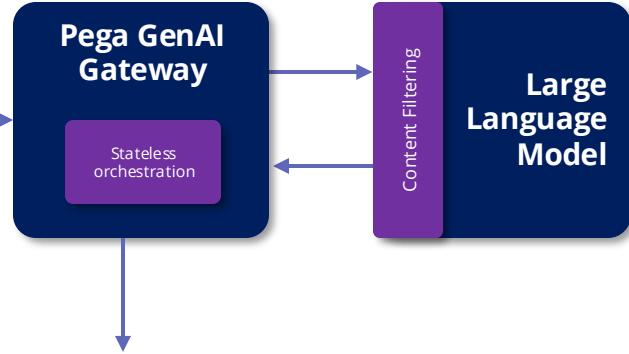
Tip: Case type names should be specific, reflecting a business process. Case Type description \*  
Respond to members' claims questions using information such as information about out-of-pocket costs, and service history. The case work based on the context of the interaction.

Build Lifecycle from BPMN

Drag and drop or choose file

\* Save and Regenerate Case Lifecycle Save Cancel

**AI Regeneration**  
Users can optionally ask for AI to regenerate components



HEALTHCARE INSURANCE (PAVER) - BP-407412  
Customer Service for Healthcare  
Define workflow details for: Claims Inquiry

Case Lifecycle Case Data Model

Respond to members' claims questions using information such as claim status, information about out-of-pocket costs, and service history. The case creates follow-up work based on the context of the interaction.

Primary Stages

Stage	Steps
Select claims	Search for claim, Integration: Retrieve claims, + Add Step
Review claims	Review claims information, Pega GenAI Coach guidance, Customer requests follow-up, + Add Step
Resolve	Wait for child cases to complete, Notify customer, Resolve case, Send summary, + Add Step

Alternate Stages

Stage	Steps
File appeal	Collect appeal reason, Create Appeals case, Route to appeals and grievances, + Add Step
File grievance	Collect grievance reason, Create grievance case, Route to appeals and grievances, + Add Step

# AI Governance at Pega

## End-to-end oversight

Pega's AI Governance board is run by the Cloud Security team and oversees all AI utilization across Pega's products.

It brings together experts & owners from Product, Cloud Security, Cloud Operations, IT, Legal, & Go-to-market to ensure all utilization of AI in Pega is safe, responsible, secure.

## Strategic Partnerships

In order to deliver on the unique needs of its enterprise clients, Pega has formed strategic relationships & overarching agreements with AWS, Google Cloud, and Microsoft to drive shared AI initiatives.

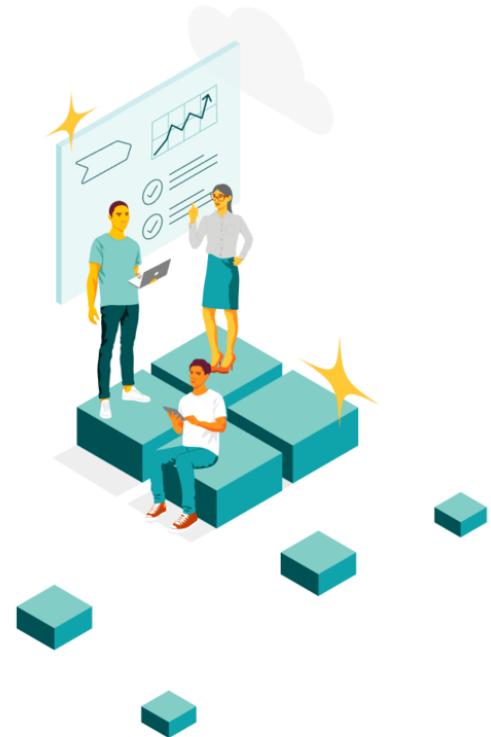
Pega & its cloud providers of LLM services meet regularly to review model options, performance, security, & issues.

## Security-first

Pega's AI Governance board organizes & executes continuous security assessments of all AI powered capabilities including Pega Blueprint.

Security assessments run include:

1. ISO 42001
2. Microsoft AI Red Team Methodology
3. OpenAI Safety Best Practices
4. Microsoft required mitigations
5. OWASP Top 10 for LLM Applications
6. OWASP Cloud-Native Application Security Top 10





Pega is the leading Enterprise Transformation Company™ that helps organizations Build for Change® with enterprise AI decisioning and workflow automation. Many of the world's most influential businesses rely on our platform to solve their most pressing challenges, from personalizing engagement to automating service to streamlining operations. Since 1983, we've built our scalable and flexible architecture to help enterprises meet today's customer demands while continuously transforming for tomorrow. For more information on Pega (NASDAQ: PEGA), visit <http://www.pega.com>