DATA SHEET

Privacera AI Governance (PAIG)

Securely Innovative with Generative AI

Generative AI (GenAI) and Large Language Models (LLMs) have captured imaginations.

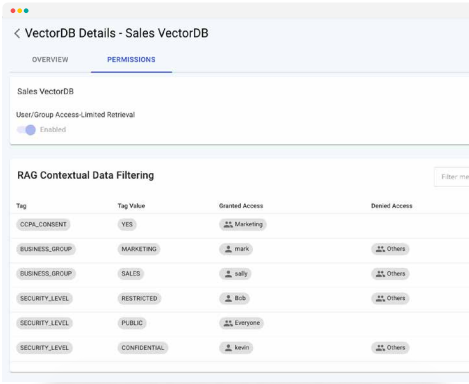
While the promises are significant, the risks are concrete, including sensitive and unauthorized data exposure, IP leakage, and regulatory compliance failures. Privacera AI Governance (PAIG) builds on Privacera's Unified Data Security Platform to secure the entire lifecycle of building and deploying GenAI models and apps, from discovery of sensitive data to protecting and continuously monitoring model usage.

KEY BENEFITS

- Securely Innovate
- Protect PII
- Prevent IP Leakage
- Track & Audit

KEY CAPABILITIES

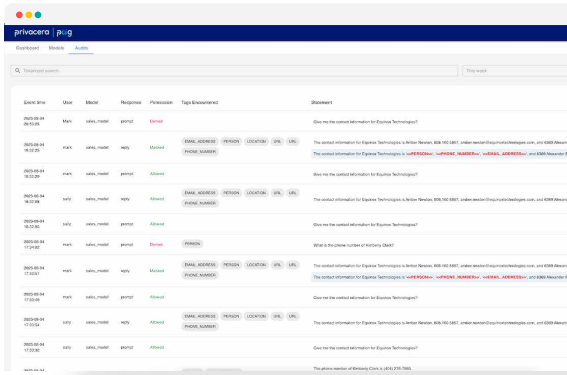
Enforce and Maintain Privacy Controls on Vector Databases and Enrichments



PAIG enables fine-grained data access and privacy controls for all vector databases and embeddings, transforming your GenAI application security, privacy, and compliance from brick to a titanium firewall for your GenAI applications. PAIG accomplishes this for you via the following mechanisms:

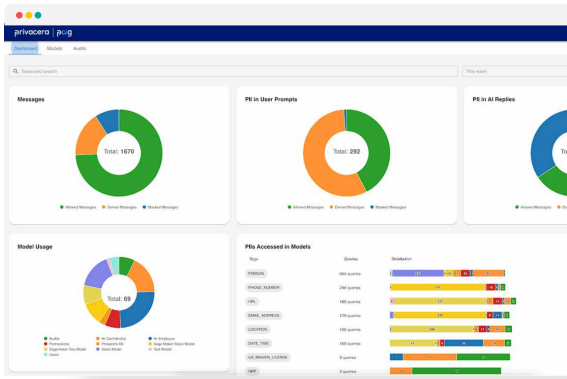
- All access and policies applicable on the source systems is retained and replicated into the vector database. To do this, PAIG applies user/group permissions where vector databases (VectorDBs) contain sensitive information only users with clearance can access.
- Additionally, fine-grained authorization can be implemented to comply with regulatory requirements. PAIG enables enforcement of policies based upon real-time content scanning.
- During retrieval, PAIG filters results, returning only data chunks the user or group has permissions and entitlements to access. This ensures users receive only appropriate information, but also limits the amount of data processed and returned. To work, administrators create user and group-level policies for VectorDB collections. As data chunks are imported, they are tagged with appropriate classifications. PAIG then manages the tags accessible for individual users, either directly or through group memberships. This determines which data chunks should be accessible when querying through a GenAI application.
- Fine-grained metadata filtering takes this a step further by adding a layer of specificity based on the values within each tag. This enables policies based on metadata values. It also allows for nuanced access control that can be tailored to organizational needs and compliance requirements.

Secure Model Inputs and Outputs



PAIG protects data exposure using context-aware data protection, inspecting user-prompted queries and masking or redacting sensitive data before it enters the model. Additionally, Attribute-Based Access Control (ABAC) can be applied to mask sensitive data model output, ensuring users can only see data they are authorized to see. User prompts to the model are also inspected. Unauthorized questions that could expose sensitive data are denied. Not only does this capability add an additional layer of security, but it also eliminates the massively expensive and wasteful LLM compute costs associated with processing unauthorized requests.

Comprehensive Compliance Monitoring



PAIG provides comprehensive dashboards and audit logs of what sensitive data is leveraged in each model, how it is protected, and who is accessing it. PAIG audit logs show:

- Who is accessing what models
- What sensitive data they are accessing
- When they accessed the model
- Flagged, inappropriate conversations
- What protections were applied

Additionally, PAIG provides a security and compliance dashboard that provides a view of your entire model landscape, including an overview of approved requests, denied requests, and requests that require masking to be applied. The dashboard also provides an overview of all sensitive data across models. PAIG's audit log and dashboard simplifies model monitoring and compliance.

Take a unified approach to data access, privacy, and security with Privacera.

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Privacera, based in Fremont, CA, was founded in 2016 by the creators of Apache Ranger™ and Apache Atlas. Delivering trusted and timely access to data consumers, Privacera provides data privacy, security, and governance through its SaaS-based unified data security platform. Privacera's latest innovation, Privacera AI Governance (PAIG), is the industry's first AI data security governance solution. Privacera serves Fortune 500 clients across finance, insurance, life sciences, retail, media, consumer, and government entities. The company achieved AWS Data and Analytics Competency Status, and partners with and supports leading data sources, including AWS, Snowflake, Databricks, Azure and Google. Privacera is recognized as a leader in the 2023 GigaOm Radar for Data Governance; was named a 2022 CISO Choice Awards Finalist; and received the 2022 Digital Innovator Award. The company is also named a "Sample Vendor" for data security platforms in the Gartner® Hype Cycle™ for Data Security, 2023. Learn more at Privacera.com.

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