Active AI Guardrails

Context-Aware Runtime Protection for Applications and Agents

AI Guardrails Adapt to Your Needs

AI applications operate in real time, handling sensitive data and generating outputs that can directly impact users and systems. Static rules and generic filters fail to account for business context, application risk, and evolving AI behavior.

PointGuard AI Active Guardrails deliver effective runtime protection that adapts dynamically as your AI systems evolve. This enables your AI systems to run smoothly and securely, stopping dangerous errors without breaking legitimate AI workflows.

Runtime Security for AI Applications

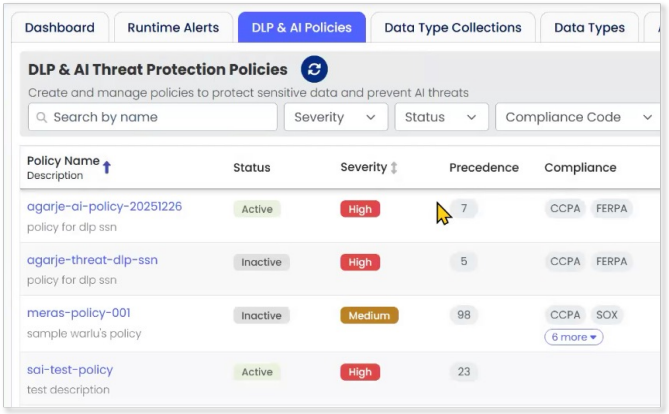
Modern AI applications rely on chatbots, models, agents, and chained interactions rather than isolated prompts. Guardrails must operate at the right points in these flows to provide effective protection for production environments. PointGuard applies guardrails to:

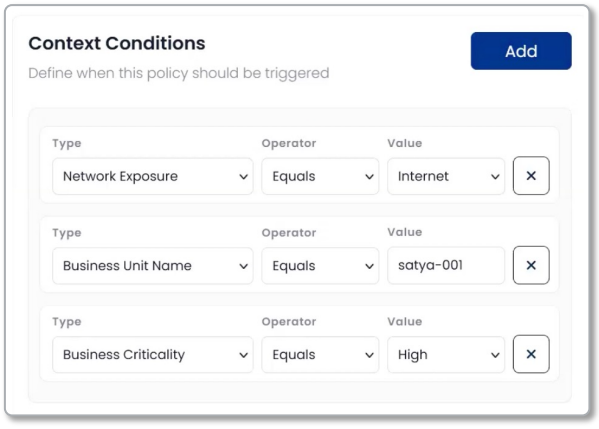
- **Prompt–response exchanges**
- **Chatbots and conversational interfaces**
- **AI agents and agent workflows**

Advanced Policy-Driven Guardrails

Adaptive AI Guardrails use a flexible policy framework designed specifically for AI workloads. Policies combine context, data protection, and threat detection to deliver precise, risk-based enforcement without embedding complex security logic into applications. Policies define:

- **What to inspect**
- **Detection confidence**
- **When enforcement applies**
- **Enforcement action**





Protection Based on Business Context

Many runtime controls treat all AI interactions but PointGuard uniquely applies business and application context to enforcement decisions, allowing organizations to tailor guardrails based on real-world risk rather than static content rules including. Context includes:

- **Application criticality**
- **Internet-facing exposure**
- **Business unit or environment**
- **Data sensitivity and compliance scope**

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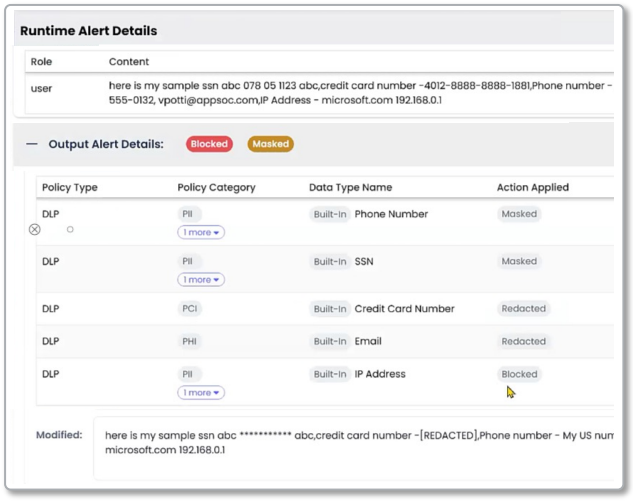
Active AI Guardrails

Built-In and Custom Data Protection

AI systems frequently process sensitive data—often unintentionally. PointGuard provides AI-aware data protection that detects and controls sensitive information in both prompts and responses, supporting privacy and compliance requirements at runtime.

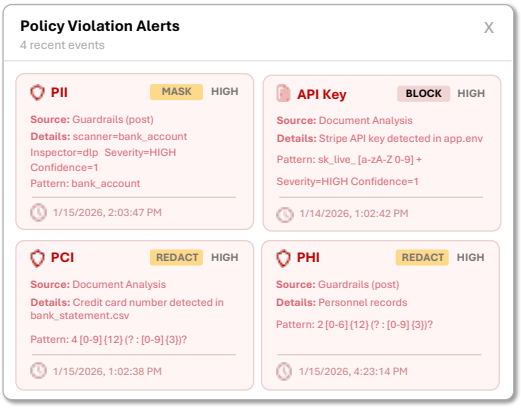
- **Built-in PII, PHI, and financial data types**
- **Custom data types and patterns**
- **Composite detection expressions**
- **Compliance mapping (e.g., HIPAA, PCI)**



Real-Time AI Threat Detection

AI systems face unique threats such as prompt injection and jailbreak attempts that traditional security tools cannot detect. Adaptive AI Guardrails evaluate prompts and responses using ML-based analysis to identify malicious or unsafe behavior in real time. Threat types include:

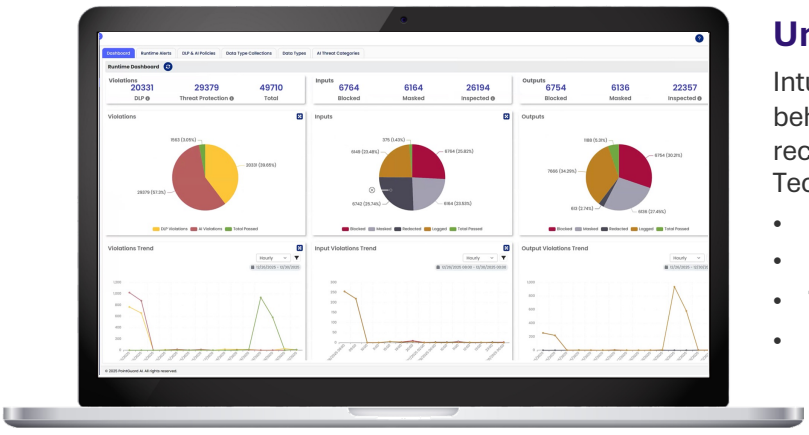
- **Prompt injection**
- **Jailbreaking**
- **Toxic or unsafe content**
- **Gibberish and manipulation**
- **Security misuse patterns**



Flexible Enforcement Without Disruption

Not every violation requires blocking. Adaptive AI Guardrails support multiple enforcement actions, allowing teams to balance protection and usability based on risk and context. Enforcement actions can include:

- **Block**
- **Mask / Redact**
- **Log / Alert**



Unified Dashboard Reporting

Intuitive dashboards summarize critical findings, AI behavior, and testing frequency, as well as recommendations for remediations and compliance. Technical and compliance dashboards include:

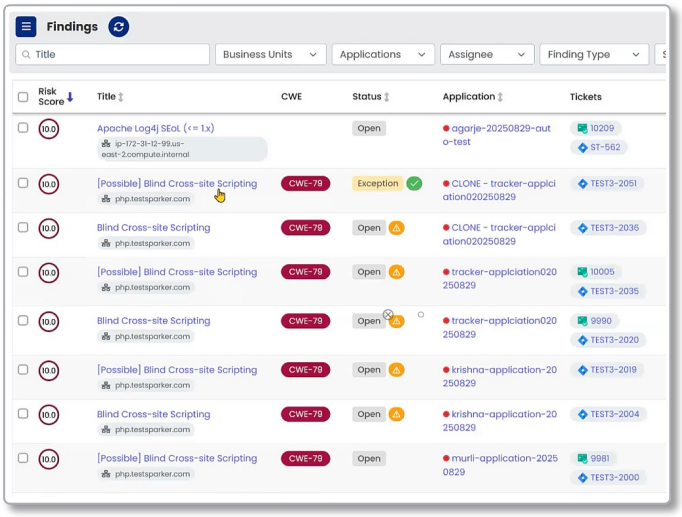
- **Prompt and response violations**
- **DLP violations and enforcement**
- **Threat types and trends**
- **Compliance & governance mapping**

Active AI Guardrails

Flexible Deployment Options

Adaptive AI Guardrails are designed to integrate into production AI systems with minimal friction. Organizations can choose deployment models that align with their architecture and operational constraints, including:

- **API-based inspection of prompts and responses**
- **LLM gateway integration without code change**



Visibility and Operational Workflows

Runtime enforcement must be transparent and actionable. PointGuard provides detailed visibility into every guardrail decision, enabling teams to understand behavior, investigate incidents, and improve policies over time.

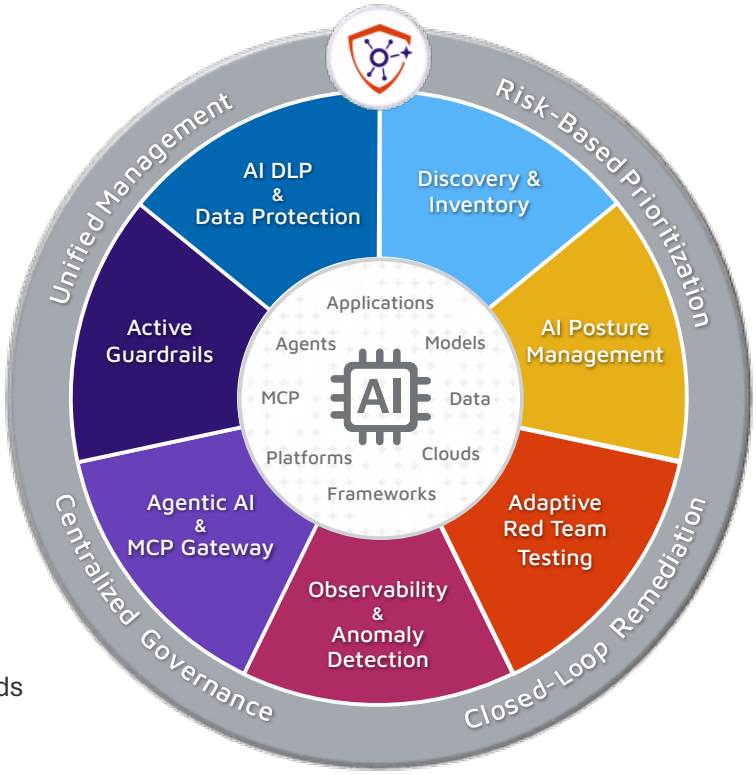
- **Inspect prompts and responses tied to violations**
- **Track trends across applications**
- **Manage alerts with workflows and comments**
- **Automate remediation ticketing and workflows**

Part of the PointGuard AI Platform

PointGuard AI uniquely secures both AI systems and software applications. Through a single, unified management console all components work seamlessly together to secure the complete AI lifecycle, from discovery to data protection.

Built for the Agentic Era

As AI systems evolve into autonomous, interconnected agents, security testing must evolve with them. PointGuard Adaptive AI Guardrails deliver context-aware, policy-driven protection designed for today's AI systems and tomorrow's agentic environments.



Get Started

View demos and detailed technical content on our website or schedule a call to discuss your specific needs with our security experts.

www.pointguardai.com/contact

AI Guardrails Capabilities

Runtime Enforcement Targets	
Prompts & Responses	Inspects AI inputs and outputs in real time
AI Agents	Applies guardrails to agent interactions and workflows
Chatbots	Protects conversational AI interfaces
Policy & Context Engine	
Application Criticality	Differentiates enforcement by business risk
Exposure Awareness	Distinguishes internet-facing vs. internal use
Environment Mapping	Supports prod, non-prod, and business unit context
AI DLP / Data Protection	
Built-In Data Types	PII, PHI, financial, and sensitive data
Custom Data Types	User-defined patterns and classifications
Composite Expressions	Combines multiple data conditions
Compliance Mapping	Aligns data types to regulations(e.g., HIPAA, GDPR, GLBA, HITECH, PCI-DSS)
AI Threat Detection	
Prompt Injection	Detects instruction manipulation attempts
Jailbreaking	Identifies guardrail bypass techniques
Toxic Content	Flags unsafe or harmful language
Gibberish & Manipulation	Detects malformed or coercive prompts
Security Misuse	Identifies risky or malicious output patterns
Enforcement Actions	
Block	Prevents prompts or responses from proceeding
Redact	Removes sensitive content from AI traffic
Mask	Obscures specific data elements
Alert	Generates notifications for violations
Deployment Options	
API-Based Enforcement	Simple inspect call for prompts and responses with minimal code changes
LLM Gateway Integration	Works with gateways like LiteLLM
Application-Centric Governance	
Application Mapping	Associates violations to business applications
Unified Risk View	Correlates guardrails with discovery and testing
Ownership & Accountability	Aligns findings to application owners
Prioritization	Focuses remediation on highest-risk apps