Drive AI Innovation with Confidence

How to Build AI security excellence into your innovation with Palo Alto Networks and Google Cloud

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Harness the Transformative Power of AI–Securely

We see firsthand the transformative power of AI sweeping across enterprises. Organizations everywhere are leveraging AI to pioneer new solutions, enhance operational efficiency, and drive business value. However, this rapid innovation has its challenges. One of the most significant is the expanding enterprise threat surface that can accompany the widespread adoption of AI.

Navigating the complexities of AI innovation requires more than just technological prowess; it demands a deep understanding of security, scalability, and strategic partnerships.

Explore the pivotal role of security at every stage, the importance of scalable AI architectures, and the empowering collaboration between Google Cloud and Palo Alto Networks.

Security challenges stand in the way of unlocking AI potential.

Facing **evolving AI threats** and struggling to keep up with the latest security best practices.

Balancing rapid AI innovation with the need for **responsible, ethical AI development and use**.

Implementing security measures **without hindering the speed of AI adoption**.

Lacking a **secure and scalable AI infrastructure** that supports your current and future AI initiatives.

74%
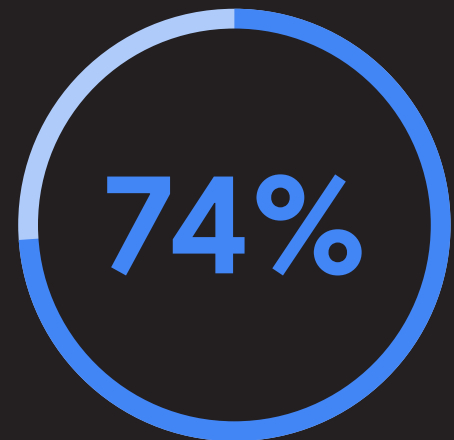
of companies are still struggling to move beyond experimentation and achieve scalable value with AI in production.

Source: BCG, 2024

A Powerful Partnership

Munish Khetrapal, VP of Cloud Engagement at Palo Alto Networks, explains how Palo Alto Networks leverages its security expertise to integrate directly with Google Cloud, protecting your AI infrastructure, data pipelines, and models. Together, Palo Alto and Google Cloud give you the confidence to innovate, knowing you've got a robust and secure environment backing you up.

We're helping enterprises like yours secure and accelerate your AI journey.

Gain valuable insights into practical strategies for:
- Secure AI implementation
- Scaling security across models and infrastructure types
- Data governance and risk management

Watch the video for Munish's perspective.
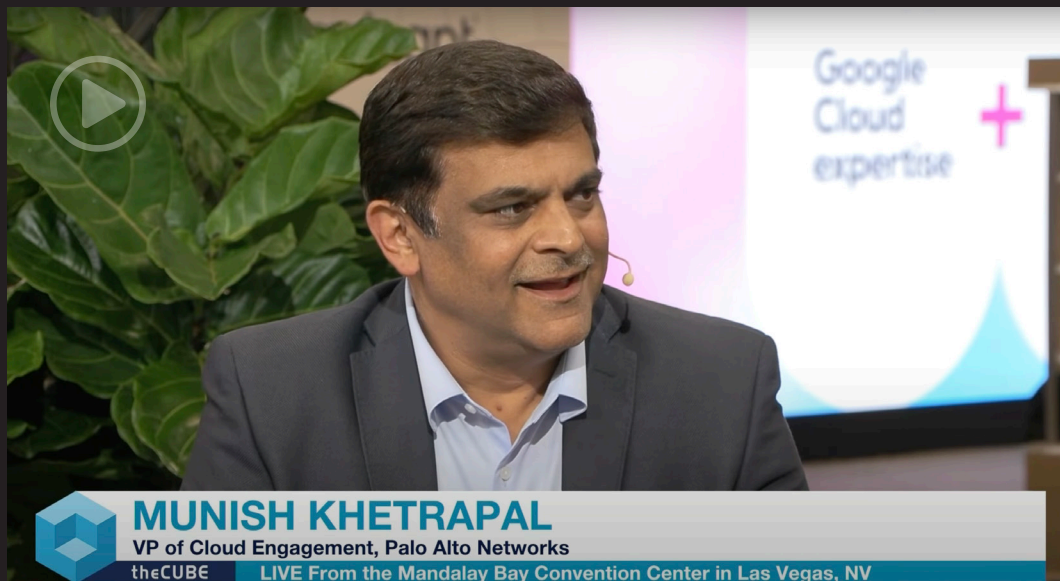
The strategic collaboration between Google Cloud and Palo Alto Networks offers a path to building trust and achieving sustainable growth in the age of AI by integrating security from the initial stages – this is the 'Secure AI by Design' concept.

Secure your AI projects, by design

For secure AI innovation and optimal outcomes, leverage the unified Google Cloud platform, protected by Palo Alto Networks. This powerful partnership delivers end-to-end security across your entire AI lifecycle, from the moment data is created to the deployment of agentic applications. It's security built-in, not added later.

You're going to pick a number of AI projects Home Depot will be deploying. Where will your
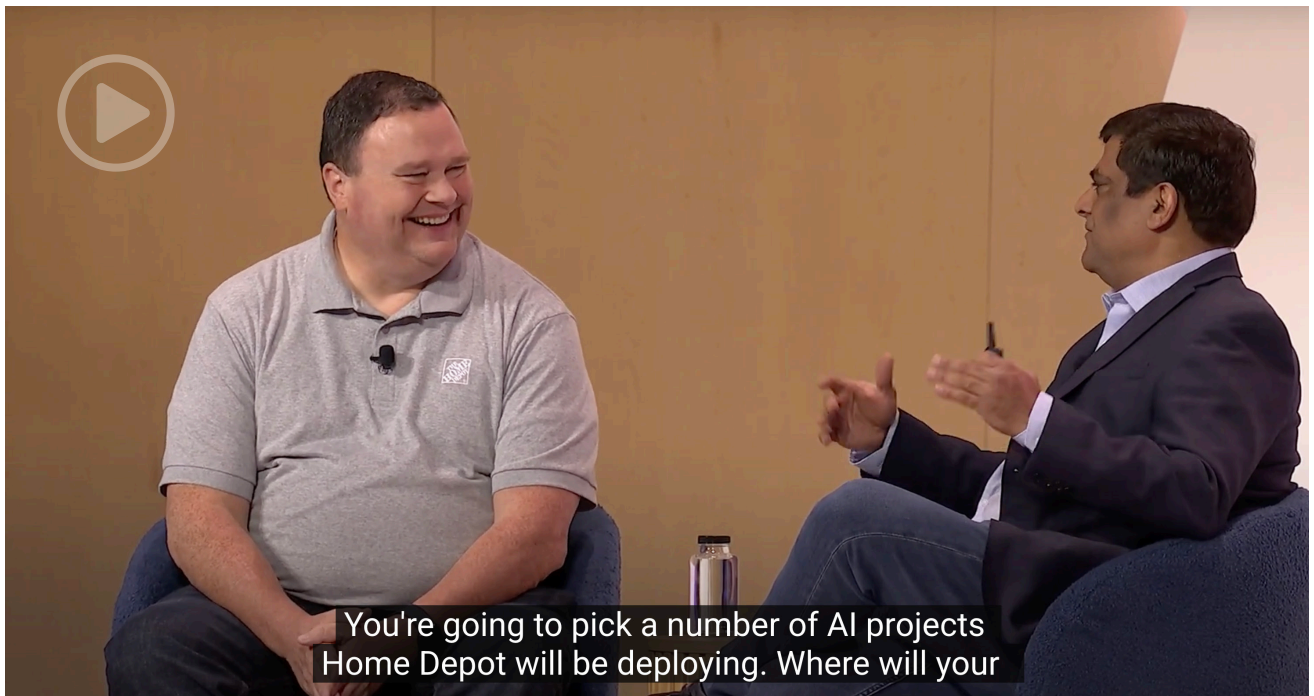
Locking down your AI is not a solo mission...

...it's a shared foundation between Google Cloud and Palo Alto Networks. Google Cloud provides a robust foundation and AI capabilities, featuring tools such as Vertex AI and Gemini. Palo Alto Networks contributes its leading security expertise, ensuring a robust and integrated defense.

Gemini for Google Workspace and Google Cloud	AI Applications and Agents	Google Agentspace

Databases	Data analytics	AI & ML	Insights
Alloy DB	Big Query	Vertex AI	Looker
		Agent Builder	
		Model Builder	
		Model Garden	

Governance

Dataplex	Cloud Ops	MLOps in Vertex AI

Infrastructure

AI Hypercomputer (GPUs and TPUs)

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AI-Driven Code to Security Operations Platform

AI-Powered Network Security Platform

Expertise + Infrastructure = Security

Google Cloud provides the cloud infrastructure, and Palo Alto Networks brings its AI-powered security expertise to protect your data, models, and your innovative new AI applications.

Enterprise AI Applications opening up new vulnerabilities and threats

- Posture & Governance Risks
- Identity & Access Control Risks
- Data Protection & Exfiltration Risks
- Threat & Attack Risks
- Application & Model Integrity Risks
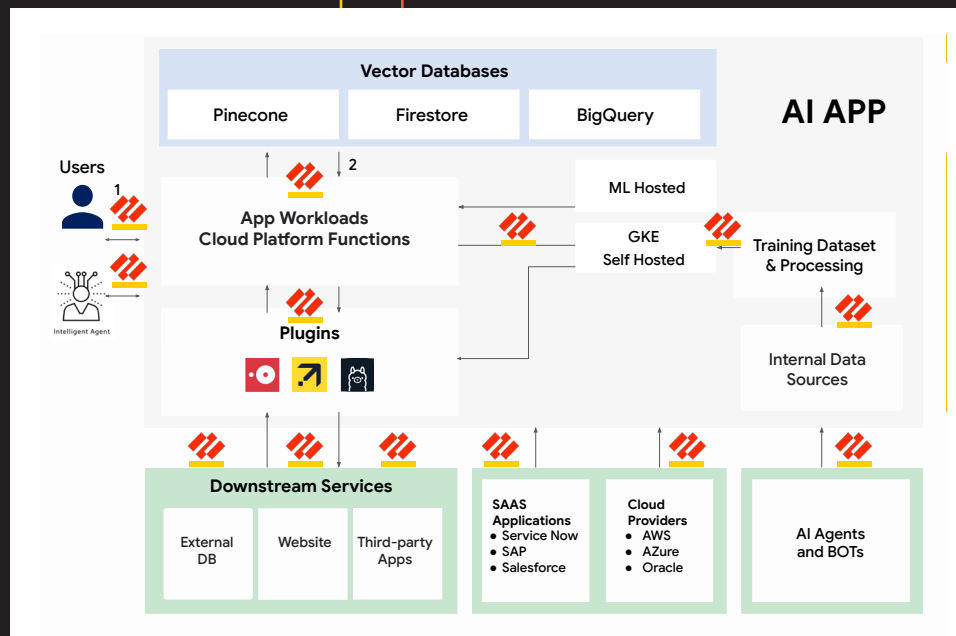
Palo Alto Networks and Google Cloud integrate at every level to give you end-to-end protection.

We work together to develop a comprehensive security strategy. Let us show you how.

Sign up for the Palo Alto Networks AI Discovery to establish a complete view of your AI risk landscape.

Securely Accelerating AI Deployments

AI based Network Security
- Access
- Run Time
- Cloud delivered Security Services

AI Secure Software Supply Chain and Security Operations
- AI SPM and DSPM
- Workload & Endpoint Security
- Autonomous SOC

Just Built Better

This collaboration combines the power of Google Cloud AI with the trusted security of Palo Alto Networks, enabling the secure development of AI solutions. This integration is not only beneficial but also fundamental in providing a secure foundation and driving accelerated innovation.

Go to your Google Cloud Marketplace and navigate to AI Runtime Security for a 30-day free trial for AI Runtime.

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