Google Announces Expansion of AI Partnership with Anthropic

Partnership includes important new collaborations on AI safety standards, committing to the highest standards of AI security, and use of TPU v5e accelerators for AI inference

SAN FRANCISCO and SUNNYVALE, Calif., Nov. 8, 2023 /[PRNewswire](#)/ -- Google today announced an expansion of its partnership with Anthropic, committing to the highest standards of AI security and safety, and that Anthropic will leverage the latest generation Cloud TPU v5e chips for AI inference.

The two companies have worked closely since Anthropic's founding in 2021, as the AI safety and research startup has built one of the largest Google Kubernetes Engine (GKE) clusters in the industry. Anthropic also currently uses AlloyDB, Google's fully managed PostgreSQL-compatible database, to handle transactional data with high performance and reliability; and Google's popular BigQuery data warehouse to analyze vast datasets and extract insights for its employees.

Working Together to Advance AI Safety Standards

Today's announcement follows the attendance of both companies at the inaugural AI Safety Summit (AISS) hosted by the UK government at Bletchley Park last week. Attended by senior leaders from Google and Anthropic, the historic event gathered government officials, technology leaders, and experts from academia and civil society to share concerns around frontier AI and determine measures that could be taken to address them. This builds on Google and Anthropic's respective collaborations with the [Frontier Model Forum](#), an initiative to support the development of better measures for AI safety. Both companies are also working with [MLCommons](#), a non-profit group which works to create trustworthy, third-party data about AI systems.

Committing to the Highest Standards of AI Security

To protect organizations who deploy Anthropic's models on Google Cloud —and Anthropic's own employees and contractors—Anthropic is also now using Google Cloud's security services, including Chronicle Security Operations, Secure Enterprise Browsing, and Security Command Center.

Security Command Center helps Anthropic gain visibility into its Google Cloud environment and detect misconfigurations, while Secure Enterprise Browsing allows the company to secure access for managed and unmanaged devices for both employees and contractors. Chronicle Security Operations provides Anthropic with AI-powered remediation with frontline threat intelligence through automation, as well as the ability to create automated security controls, policies, and configurations.

Scaling up with Cloud TPU v5e

Anthropic is now one of the first companies to deploy at scale TPU v5e—Google Cloud's most versatile, efficient, and scalable AI accelerator to date. Now [generally available](#), TPU v5e enables Anthropic to serve its Claude large language model (LLM) in a performant and efficient manner.

Cloud TPU v5e is purpose-built to deliver the cost-efficiency and performance required for medium- and large-scale training and inference. Results of the MLPerf 3.1 Training benchmark, released today, found that TPU v5e delivers 2.3x higher training performance per dollar relative to the prior generation; this follows the MLPerf 3.1 Inferencing benchmark announced in September that found 2.7x serving performance per dollar compared to Cloud TPU v4. With Multislice large-scale training technology, Anthropic can scale its LLMs beyond the physical boundaries of a single TPU pod, up to tens of thousands of interconnected chips.

"Anthropic and Google Cloud share the same values when it comes to developing AI–it needs to be done in both a bold and responsible way," said Thomas Kurian, CEO of Google Cloud. "This expanded partnership with Anthropic, built on years of working together, will bring AI to more people safely and securely, and provides another example of how the most innovative and fastest growing AI startups are building on Google Cloud."

"Our longstanding partnership with Google is founded on a shared commitment to develop AI responsibly and deploy it in a way that benefits society," said Dario Amodei, co-founder and CEO of Anthropic. "We look forward to our continued collaboration as we work to make steerable, reliable and interpretable AI systems available to more businesses around the world."

About Google Cloud
Google Cloud accelerates every organization's ability to digitally transform its business and industry. We deliver enterprise-grade solutions that leverage Google's cutting-edge technology, and tools that help developers build more sustainably. Customers in more than 200 countries and territories turn to Google Cloud as their trusted partner to enable growth and solve their most critical business problems.

About Anthropic
Anthropic is an AI safety and research company based in San Francisco. Our interdisciplinary team has deep experience across machine learning, physics, policy, and product. Together, we create reliable, interpretable, and steerable AI systems. Anthropic's flagship product is Claude, an AI assistant focused on being helpful, harmless, and honest. Learn more about Anthropic at anthropic.com.

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