



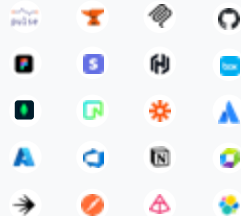
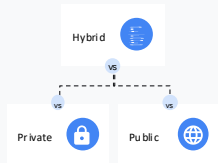
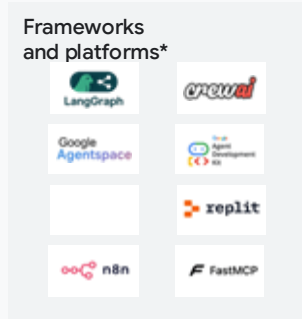
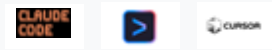
Agents @ Scale

The Platform mandate

The Core Dilemma

The Agentic Sprawl

* Illustrative samples



Business Outcomes

Quality

Integrity

Trust

Innovation

Pillar 1 & 2: Build & Scale Seamlessly

Build

Agent Development Kit

3P Agent Framework

Agent Studio

Agent Garden

Gemini API and models

Gemini Models

3P and Open Models

Model Inference

Managed Training

Tools, data, and other agents

A2A

Grounding

RAG

MCP

Search

APIs and connectors

A2UI

AP2 and UCP

Cloud Marketplace

Scale

Agent Runtime




Agent Sandbox

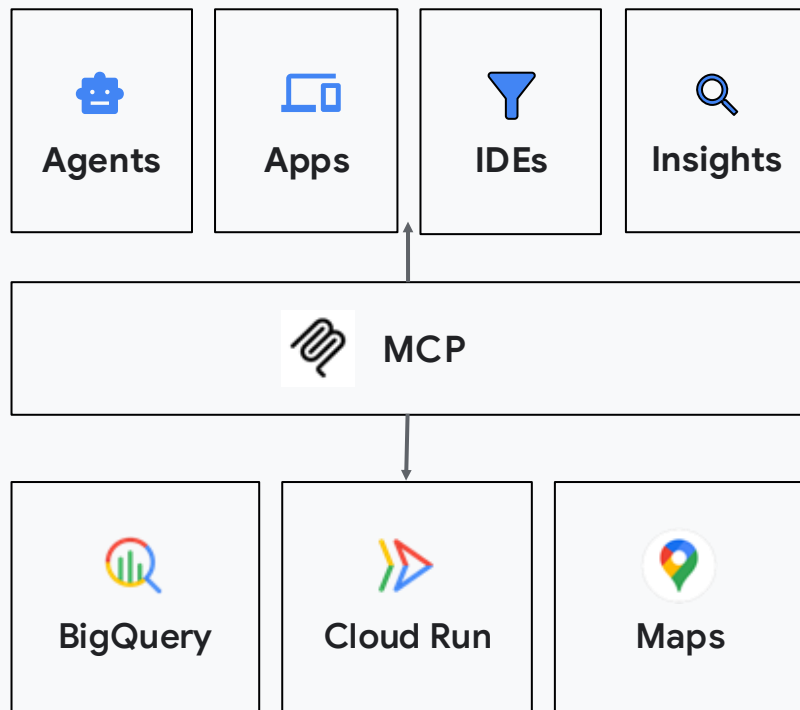
Agent Sessions

Agent Memory Bank

The Core: Remote, Managed MCP

The unified, fully managed MCP platform for Google Cloud

-  Unified interface and simplified discoverability with Registry
-  Fully managed: No infrastructure to provision. Google handles hosting, scaling, and security.
-  Easy access your favorite client: Gemini CLI, Claude, ADK Agents, and more...



Safeguards at every agent interaction



- 01 Authentication and authorization**
Who is the user & agent? What is it allowed to do?
Which actions need human authorization?
- 02 Auditing**
You can't secure what you can't see.
- 03 Agent Data & Context security**
Sanitizing what agents see and say.

Pillar 3 : Centralized Governance & Identity



Agent Identity

Automatically assigned,
cryptographically-attested
SPIFFE identities.
Standards based least
privilege approach



Agent Gateway

Single point to define,
apply and enforce
granular access policies
across all agent tools.
Built-in Model Armor.



Agent Registry

Centralized catalog for all
agents, MCP Servers,
Endpoints and skills.
Promotes reuse and best
practices.



Trusted Compliance

Ensure non-repudiable
auditing, total compliance
visibility and efficiency
through reuse. Accelerates
trusted development.

Pillar 4: Continuous Optimization

Optimize

Agent Evaluation

Agent Simulation

Agent Observability

Agent Optimizer

Multi-turn autoraters

Task success scores, logical conversation trajectory, and quality of tool execution

Powerful simulations

Generate realistic, multi-turn user interactions and safely test sensitive actions

Online evaluations

Monitor and observe the performance of multi-agent systems in production

Automated optimization

Automatically fix and refine agents based on real-world failures and evaluation results

Multi-agent traceability

Turnkey dashboards for for multi-agent system traceability

Platforms matter even more



Building and
running agents is
better with a
platform



Platforms provide
guardrails



Champion the
need to think in
platforms

Thank you.

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