

generate an annotated list of all Gemini facilities including antigravity

In 2025, the concept of "Gemini" and "Antigravity" converged into a major technological release from Google. It is important to distinguish between **Google Antigravity** (an AI software platform) and other entities sharing the "Gemini" name.

Below is an annotated list of Gemini-related facilities and platforms, categorized by their function.

1. Google AI: "Antigravity" & Gemini 3

In November 2025, Google launched **Google Antigravity**, an "agent-first" development platform. While the name sounds like physics, it refers to a software environment designed to make complex coding tasks "weightless" through automation.

- **Google Antigravity (IDE):** A specialized development environment (a fork of VS Code) where AI agents powered by **Gemini 3 Pro** and **Gemini 3 Flash** operate autonomously.
 - **The "Agent Manager":** A facility within the software that acts as a mission control for spawning and orchestrating multiple AI agents to work in parallel.
 - **Artifacts Panel:** A dedicated space where agents output verifiable results, such as plans, screenshots, and browser recordings.
- **Google Edge Network:** The global infrastructure (data centers in **Iowa, Oregon, Belgium, Finland, Taiwan, and Tokyo**) that provides the compute power for Gemini 3 and Antigravity.

2. International Gemini Observatory

This is a major scientific facility involving twin 8.1-meter telescopes. The "antigravity" aspect here is purely mechanical—using sophisticated hydraulic systems to support massive mirrors.

- **Gemini North (Maunakea, Hawaii):** Located at 4,214 meters, this telescope is operated remotely from the **Hilo Base Facility**.
- **Gemini South (Cerro Pachón, Chile):** The twin telescope providing coverage of the southern sky.

- **Active Optics Facility:** Each telescope uses 120 hydraulic actuators to maintain the mirror's shape against gravity as the telescope moves, ensuring perfect focus.

3. NASA Project Gemini (Historical)

The 1960s space program designed to bridge the gap between Mercury and Apollo. Its "facilities" were primarily the spacecraft and launch sites.

- **Launch Complex 19 (Cape Canaveral):** The primary facility used for all 10 crewed Gemini missions.
- **McDonnell Aircraft Plant (St. Louis):** The manufacturing facility where the Gemini capsules were designed and built.
- **Manned Spacecraft Center (Houston):** Now the Johnson Space Center, which served as the mission control facility.

4. Gemini Industries & Fintech

- **Gemini Industries Inc. (Oklahoma):** A chemical manufacturing company with facilities in **El Reno (HQ)**, Grand Prairie, and Harrisonburg. They specialize in wood finishes and coatings.
- **Gemini Trust Company (New York):** A major cryptocurrency exchange headquartered at **600 3rd Ave, New York**. Their "facilities" are primarily digital and high-security custodial vaults.

Would you like me to generate a technical deep-dive into how the Antigravity Agent Manager handles multi-agent orchestration in Gemini 3?