

## 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.

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### 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.

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