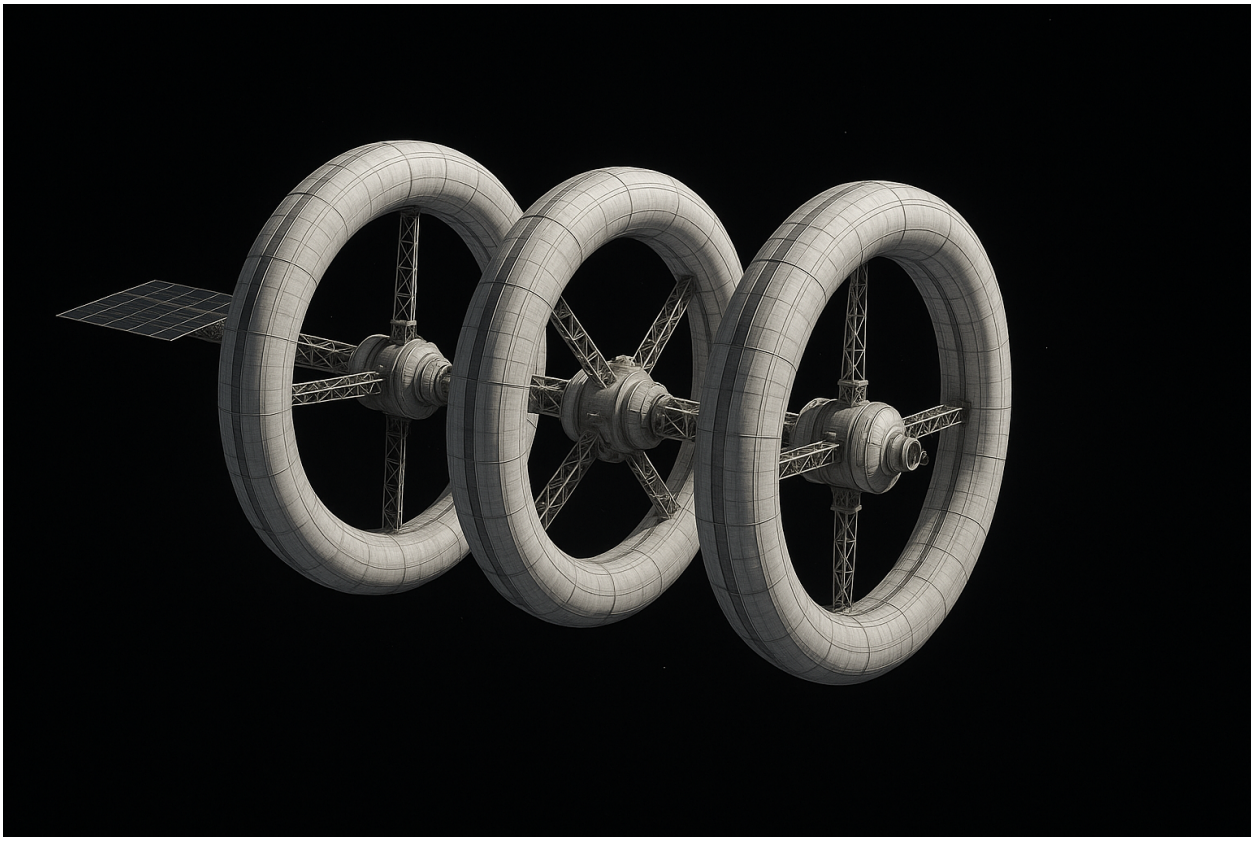
Aegis Station: Infrastructure That Stays



1. Permanent Infrastructure, Not Just Hosted Payloads

Aegis Station is designed to stay in orbit indefinitely. Unlike short-term platforms or cargo hubs, it offers full-scale, shielded human habitation and a zero-G central axis for long-duration work.
Why it matters: Long-term platforms attract recurring agency missions, commercial leases, and infrastructure funding - not just experiments.

2. Shielding as Infrastructure

3 meters of circulating water surrounds each ring - not just for radiation protection, but to support life support, thermal control, and biological safety. This isn't passive mass - it's active infrastructure.
Why it matters: Solves shielding, water storage, and redundancy in one system. Aligns with ESA, NASA, and Artemis priorities.

3. Cislunar Logistics Stack

The support ecosystem includes tankers, rovers, and shuttles designed to service Aegis and other off-world assets. We treat logistics as infrastructure, not aftermarket.
Why it matters: Hardware that services the station also supports Artemis, Gateway, and lunar surface infrastructure programs.

4. Human-Centered by Design

Aegis is not a bunker. It includes communal spaces, private quarters, real kitchens, and even a 1-km track under gravity - all within a shielded, scalable habitat.

Why it matters: Psychological durability, long-term mission support, and international crew accommodation are mission-critical.

5. Integrated, Non-Modular Systems

Each Aegis ring is a complete system. Power, shielding, life support, structure, and gravity are engineered as one - not bolted on.

Why it matters: Minimizes failure points. Easier to certify. Aligns with aerospace systems engineering standards.