

Bridging LLMs and Physical Reality. Safely.

Nameless SF | The Physical AI Integration Platform

Silicon Valley builds incredible AI brains, but deploying them in physical factories is broken. Software engineers operate in Python and probabilistic models. The factory floor demands absolute physical truth, millisecond determinism, and hard-wired safety.

Our Mission: Zero Accidents.

We refuse to let blind machines operate near human workers. We bridge the gap between flexible AI and rigid industrial machinery to create a safe physical world where humans and autonomous systems work together without fear.

Why "Software-Only" AI Fails in the Real World

1. Hardware Language

LLMs output JSON. Industrial robots and conveyors demand deterministic ladder logic, Modbus, or EtherNet/IP commands executing in under 100ms. AI engineers don't speak PLC.

2. The FDE Bottleneck

Simulators have a Sim-to-Real gap. Wiring 24V sensors and debugging physical PLCs in a San Francisco office is prohibitively slow, expensive, and outside core software competencies.

3. Probabilistic Vision

2D cameras hallucinate depth. In a factory, changing shadows or dust can cause a vision model to misjudge distance by an inch—resulting in catastrophic collisions.

Choose Your Deployment Wedge

Whether you need hardware connectivity, physical testing environments, or absolute safety guarantees, Nameless provides the exact piece of the puzzle you are missing.

1 Nameless Edge Box

Turn any industrial PLC into a REST API in 5 minutes.

Stop writing ladder logic and learning legacy protocols. Our plug-and-play Edge Box connects to Mitsubishi, Siemens, and Omron PLCs via standard LAN. It translates your Python/JSON commands directly into hard-realtime industrial registers (Modbus, EtherNet/IP). You build the AI; we handle the metal.

2 PAI-Ground (Tele-FDE Lab)

Test your physical AI instantly, without owning hardware.

Don't build an expensive robotics lab in San Francisco. Through PAI-Ground, you can remotely connect to our fully wired physical testing environments in Japan and Thailand. Push your code to real robots and PLCs, while we stream live camera feeds, 3D point clouds, and PLC safety logs back to your dashboard.

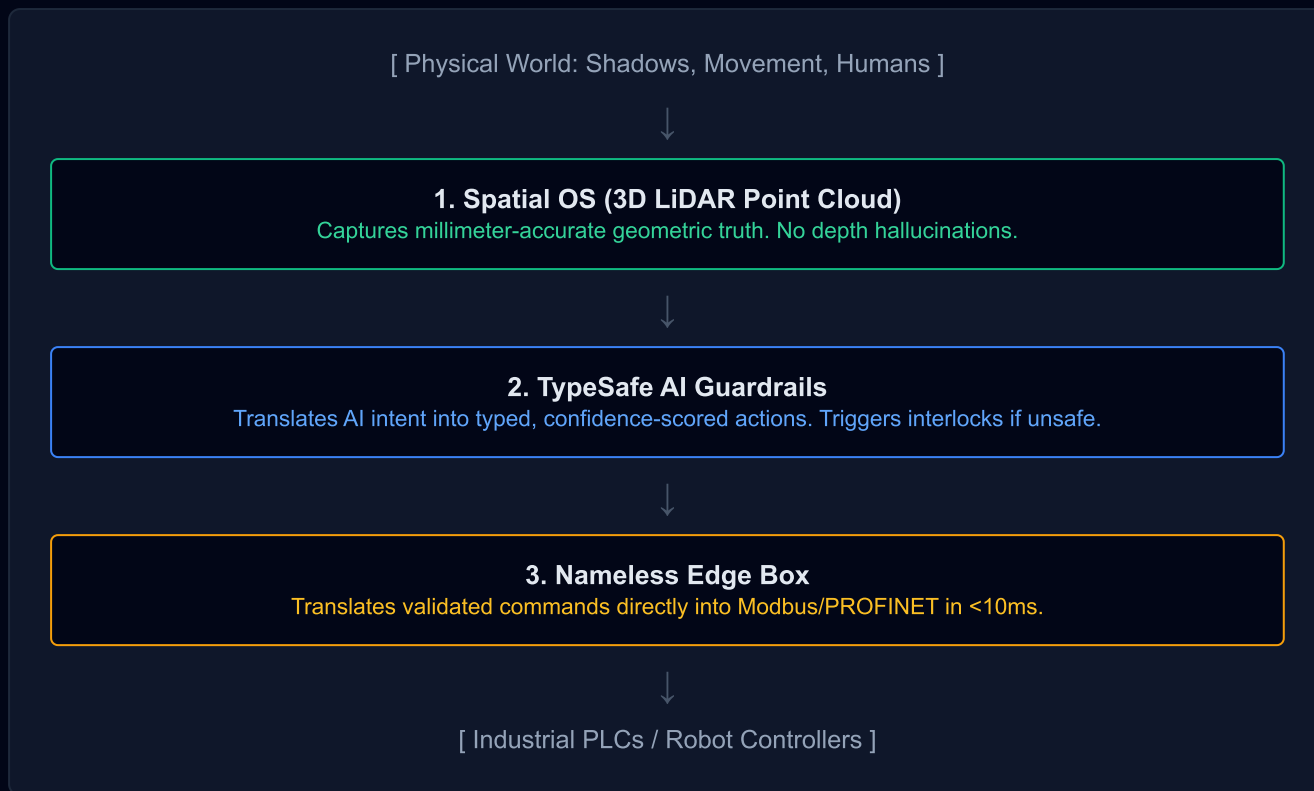
3 Spatial OS

Waymo-grade absolute safety for the factory floor.

To eliminate 2D vision hallucinations, we replace cameras with low-cost industrial 3D LiDAR. We map the exact physical geometry of the factory floor in real-time. By routing AI intent through our TypeSafe confidence engine, we enforce deterministic safety interlocks. If confidence drops, the machines stop. Zero accidents.

The Full Architecture Pipeline

When combined, our wedges form a complete, zero-accident operating system for physical automation. From absolute perception to physical execution.



Design in SF. Execute in Asia.

Software requires FDE (Forward Deployed Engineering) to survive contact with reality. Nameless leverages our established engineering hubs in Japan ([namelessjp](#)) and Thailand ([namelessst](#)).

While your Silicon Valley team designs the core intelligence, our dedicated hardware engineers in Asia handle the 24V wiring, I/O mapping, and physical debugging in our PAI-Ground labs while you sleep. You get instant access to physical validation at a fraction of local execution costs. **Let's move real machines, safely.**