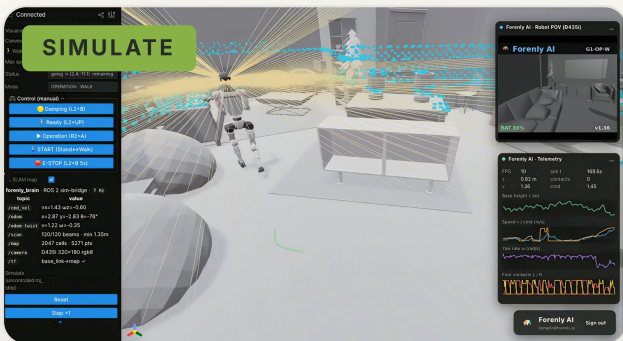


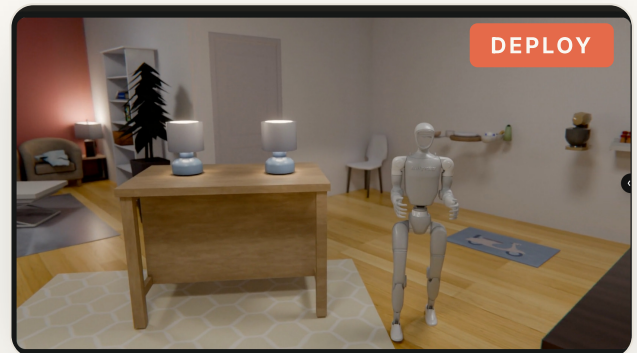
• PRODUCT OVERVIEW

From simulation to real-world deployment

Motor skills are trained in physics simulation, validated through automated QA, and deployed to physical humanoid robots on site — ready for real customer environments.



Live simulation console — SLAM mapping, telemetry, robot camera feed, and physics state in real time.



Deployed skill in a real environment — the same policy, transferred from simulation to a physical G1 robot.

1 Customer Request

2 Simulation

3 Validation

4 Field Deployment

700%+

Faster iteration vs physical-only testing

50–60%

Reduction in field deployment cost

\$38B_{TAM}

Humanoid robot market by 2035

HOW IT WORKS

A customer describes the task — wiping a counter, carrying an object, grasping a tool. Forenly AI builds a **digital twin** of the real scene and trains the motor skill inside physics simulation.

The policy is validated through **automated QA**: visual checks, contact analysis, and

On-site deployment is a **skill transfer**, not a software installation. The robot receives a validated motor policy and executes the task in the real environment it was trained for.

Post-deployment, telemetry feeds back into the simulation for **continuous improvement** — edge cases found in the

success-rate gates. Only policies that pass transfer to the physical robot.

field become training scenarios for the next policy version.

SERVICE PHASES

Pre-Sales

- Prospect analysis and product recommendation
- Feasibility study for the target task
- Live simulation demo
- Technical proposal preparation

Deployment

- Proof of concept (sim validation)
- Pilot deployment (sim → real transfer)
- Full-scale rollout
- On-site commissioning support

Post-Sales

- Remote monitoring and telemetry
- Skill updates and retraining
- Edge-case resolution from field data
- Hardware compatibility support

The Skill Layer for humanoid robots

Forenly AI turns real scenes into simulation where humanoids learn their skills — then transfers them onto the machine.

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