

Problem:

Today's AI systems in robotics can't adapt in real-time, rely on cloud connection, and operate as black boxes without transparent decision-making.

Solution:

Partenit builds a dynamic ontological memory platform that enables robots to learn continuously, understand context, and act autonomously without cloud dependence.

Technology:

Using knowledge graphs and semantic reasoning, Partenit transforms machine memory from static storage into living cognitive networks, allowing real-time knowledge integration and explainable AI behavior at the edge.

Funding Ask:

Raising \$400K pre-seed to finalize product development, deploy pilot integrations with robotics partners, and accelerate early market entry.

PARTENIT

Ontological Memory for NeoIntelligent Systems

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**Market:**

TAM: \$64.3B (Global AI in Robotics by 2030)

SAM: \$9.6B (AI cognitive systems for service and humanoid robots)

SOM: \$482M target in 5 years

Business Model:

Licensing, SDK integrations for robotics vendors, and enterprise AI deployments.

Status:

Core technology validated, early customers in adjacent markets (educational applications), preparing pilot programs with robotics partners.

Team:

Iuliia Gorshkova — Serial entrepreneur, deeptech strategist.

Pavel Salovskii — AI architect, neuro-symbolic systems expert.

Roman Uglov — DevOps and scalable system infrastructure specialist.