



PREDICTML.AI

AUTONOMIZING PRODUCTS AND SOLUTIONS FOR THE ROBOTIC AND DRONE INDUSTRY ARMING IT WITH PHYSICAL AND SMART INTELLIGENCE AT THE EDGE



PROBLEM STATEMENT

Drones and similar vehicles currently lack the ability to "think" and "see" on their own. They rely on remote control or distant computers to make decisions, which limits their ability to recognize objects, avoid obstacles, or operate independently. This makes them less efficient and unable to perform tasks autonomously in remote or challenging environments

OUR SOLUTION

Our product/Solution can equip drones and similar vehicles with edge processing power that make them SMART giving the ability to make decisions instantly by Object recognition Autonomously in any environment even with limited or unreliable connectivity

Value Proposition

We are a leading AI technology company specializing in providing autonomous capabilities to vehicles, including UGVs, UAVs, and USVs.

Our product equips vehicles with the ability to navigate autonomously both indoors and outdoors, effortlessly handling known and unknown terrains.

With real-time AI edge processing, it delivers advanced functionalities such as streaming analytics and AI vision technology for object detection, scene comprehension, and precise command execution.

Our cutting-edge ML and DL edge models seamlessly integrate with and enhance existing platforms, empowering them with superior autonomous intelligence.

Product/Solution



Autonomous AI Navigator: Multi model Vision, Universal Solution:

Our Product extensively uses advanced AI Vision for Autonomous Navigation applicable to Marine Vessels, Robotic Delivery Systems, UAV, UGV that are used in Agricultural, Automobile, Manufacturing, Pharma, and healthcare Industry sectors

KEY BENEFITS

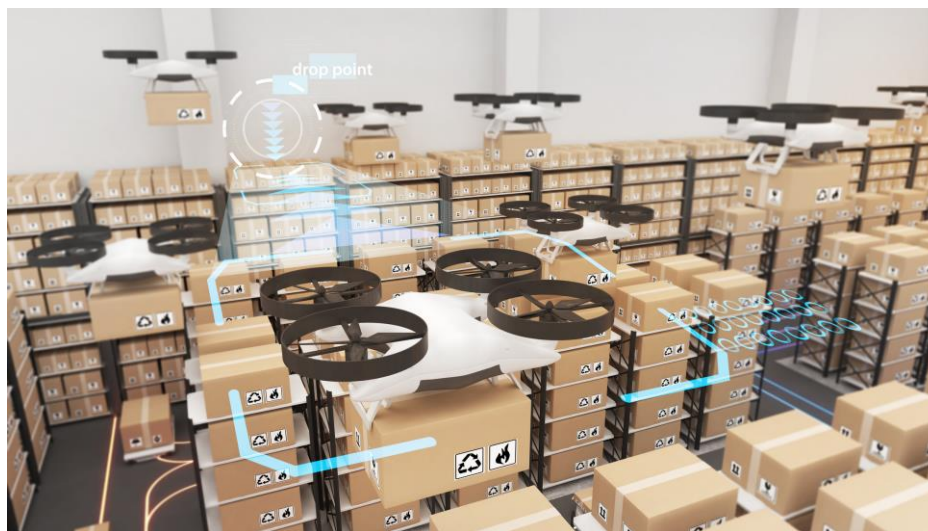
- Real-Time Object Detection
- Environmental Awareness
- Enhanced Mapping and
- Localization
- Adaptive Learning Integration with Other Sensors

Why Our Solution

Product/Solution Key Features

- **Superior Object Detection:** 3D real-time vision recognition technology
- **Comprehensive Environmental Understanding:** Advanced perception real-time exploration and mapping
- **Seamless Integration:** Multiple device protocols
- **High-Performance Hardware:** ROS2, Isaac SIM, Jetson Platforms
- **Versatile Applications:** Industry Agnostic and custom solutions
- **Cost-Effective Scalability:** Affordable and scalable
- **User-Friendly Interface** -Our intuitive interface and customizable options ensure quick, user-friendly deployment in any environment/applications
- **Proven Safety:**
Our product ensures reliable autonomous operations with dynamic obstacle detection, collision avoidance, audio source detection, and voice recognition for enhanced safety.

Physical AI and Edge AI



Safe and Secure Access Anywhere Data Private AI GPU Clouds

Dedicated Environments

One to One Support

Transparent Billing

No long Lock-ins

Location Advantage

NVIDIA Issac SIM simulation environments

Lower Cost

Transparent Provisioning

Dedicated Guidance and Advisory

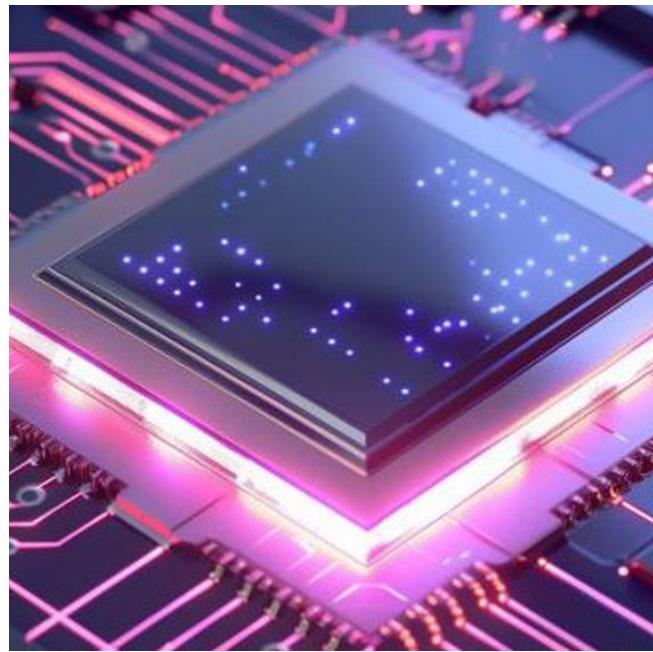
Constant Upgrades at no cost

Tier IV Datacenter Partnership

About US

We are pioneers in the evolving landscape of technology, dedicated to revolutionizing traditional industries with an advanced AI Vision technology and real-time data analytics.

Our mission is to deliver a state-of-the-art Autonomous AI Navigator that performs effortlessly on land, water, and air. Backed by a team of seasoned experts and visionary innovators, we relentlessly push the boundaries of what's possible, setting new standards in autonomous intelligence and technological innovation..



Our Vision

To lead the innovation and advancement of technology by developing intelligent commercial robotics, drones, and solutions with Physical AI at the Edge, empowering vehicles with unmatched autonomous intelligence to navigate any terrain with precision and reliability.

Our mission

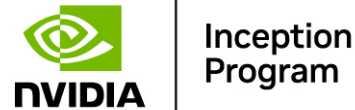
To revolutionize autonomous navigation by delivering advanced AI-driven solutions that empower vehicles to operate independently across diverse environments, enhancing safety, efficiency, and adaptability for a smarter future

Our Recognitions



QWEIN 2024 Program

Women in AI
Excellence Award



#startupindia



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