RZ Ecosystem Partner Solution
Irida Labs - PerCV.ai Vision AI Platform

Solution Summary
PerCV.ai is a RZ/V-compatible, end-to-end software & services platform that brings together all the building blocks necessary for deploying & scaling computer vision-based AIoT sensors & solutions. The platform provides a complete stack of necessary tools and services; from vision system design, edge hardware, embedded software and AI models, to sensor management, API 3rd-party integrations and AI analytics. Training, evaluating, and exporting to RZ/V platforms is quick & easy, supporting both quick prototype solutions, as well as full-scale Vision AI product development.

Features/Benefits
- **Problem formulation & BOM optimization** – minimizing **AI Debt** of the Vision AI model development
- **Vision AI model and Data Management** – rapid AI development cycles, including DRP-AI support in the workflow
- **Scaling up** – support from P.O.C to large scale device management and AI analytics

Target Markets and Applications
- **Smart City Operations & Analytics**
  - Real-time traffic analytics
  - People counting & heatmapping
  - License plate recognition
- **Industry 4.0 / Smart Factories**
  - Packaging integrity QA
  - Warehouse Monitoring
  - Analogue Gauge digitization

https://percv.ai/
Irida Labs is powering vision based AIoT sensors and solutions by bringing computer vision and AI at the edge, helping companies around the world develop scalable vision-based solutions. We provide AIoT-optimized embedded vision software using computer vision and deep learning, transforming bounding boxes into real world vision applications.

Our end-to-end AI software and services platform, PerCV.ai, unlocks myriads of computer vision and AI applications by enabling scalable vision solutions for people, vehicle and object detection, identification, tracking, and 3D pose estimation in a wide range of markets such as Industry 4.0, Smart Cities & Spaces and Smart Retail.

SMART CITY
Traffic monitoring | Parking Lot Management | ANPR

INDUSTRY 4.0
Stock Management | Product identification | Process Automation | QA

SMART RETAIL
Shelf monitoring | Customer analytics | Store heatmapping

Our fast-growing team is based in Europe, Greece, while our business’ global footprint spans from Northern & Central Europe to North America and Asia.

https://iridalabs.com/
https://www.linkedin.com/company/irida-labs/
https://www.youtube.com/channel/UCcGvXFkpfvGCRQTZCvC2xYg