EMIIA.AI

THE FIRST AI APPLICATION FOR PATTERN RECOGNITION VIA RADIO WAVES

The technologies currently used do not allow AI to achieve the proper level of autonomy, which leads to losses and loss of life. If our decisions save at least one human life, we will consider our mission accomplished.

The first person killed by an UBER unmanned vehicle was Elaine Herzberg. In connection with this incident, UBER stopped testing unmanned vehicles, the investigation lasted 1.5 years. Which led the company to financial and competitive losses.

The development of EMIIA (EMIIA.AI) significantly reduces the likelihood of harm to humans as a result of interaction with intelligent machines and systems. They reduce costs and increase the capabilities of artificial intelligence, allowing you to achieve 4 "mind off" and 5 "steering wheel optional" levels of autonomy.

- Required Investments: $150000
- Return: 2023-2024 гг
- Stage: MVP, integration testing
- Objectives: patenting, pilot projects, completion of development and market entry (2021-2022)
- Markets: Asia-Pacific, EU, BRICS (B2B/B2C)
- Market capacity: more than 3 billion dollars
- Profitability: 2024-2025
- Planned number of active users: more than 500 million by 2025
- Scaling: application stores (B2C), software pre-installation in manufactured devices and machines (B2B)
- *Business model: people and machines

More about the project and the team: www.emiia.ai
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Pattern recognition, detection, calculation of speed, coordinates and direction of movement of objects (people, animals, cars) by means of radio waves, including behind radio-transparent obstacles (walls, obstacles, rain, snow, fog, dark time of day).
• Neural network signal processing and data visualization (Edge).

Range: through radio-transparent obstacles up to 9 meters, in open area up to 300 meters, passive detection up to 1000 meters. More than 30% of sensors, navigation, ADAS, automation and security tools are replaced by software.
• CR-SLAM (a method of simultaneous localization and mapping).

Basic technology and applications:
Cognitive Radio optics - machine vision based on the principles of radio optics using artificial neural networks.
CR-SLAM (Cognitive Radio optics sensor, simultaneous localization and mapping):
• AI Navigation
• AI Mapping
• AI Sensor
Scopes of application:
• Auto industry
• Robotics
• Automation
• IoT/IIoT
• Smart Home
Requirements:
• EMIIA Software
• Linux or Android OS
• Wi-Fi 2.4/5 GHz module