

INDUSTRIAL AUTOMATION - OUR DNA

INDUSTRIAL AUTOMATION IS THE BACKBONE OF OUR COMPANY

For decades, we have delivered reliable, scalable, and secure automation systems for complex industrial environments.



Key competencies

- PLC & DCS systems
- SCADA / HMI
- Industrial networks & cybersecurity
- Electrical Safety (Arc Flash)
- AI for industry
- Robotics & autonomous platforms
- EV charging infrastructure



OUR AUTOMATION EXPERTISE BECAME THE FOUNDATION FOR AI, ROBOTICS, AND SMART INFRASTRUCTURE SOLUTIONS.



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ROBOTICS & UNMANNED SOLUTIONS

TIMA ROBOT



- Autonomous service robot
- Exhibition presenter
- Guide-robot
- Interactive assistant



Features

- 10-inch LCD screen, HD camera plus dedicated navigation camera, four ultrasonic sensors.
- Two-way streaming audio and video.
- Able to safely navigate both spacious and confined environments.
- Controlled with phone or tablet application.



MOBILE PLATFORM FOR REMOTE CARGO UNLOADING

MOBILE MULTIFUNCTIONAL MEANS OF SUPPORT



Main functions

- Warehouse logistics
- Internal transport



Municipal use

- Sweeping • Watering
- Snow removal



ONE PLATFORM – MULTIPLE MISSIONS



ENGINEERING AUTOMATION

POWERING INTELLIGENCE | ENABLING THE FUTURE



30+ YEARS OF ENGINEERING EXPERTISE
PROJECTS ACROSS EUROPE AND BEYOND

Industrial Automation
Electrical Safety
AI Solutions

Robotics
EV Charging Stations
EV Charging Infrastructure

ARC FLASH STUDIES & ELECTRICAL SAFETY

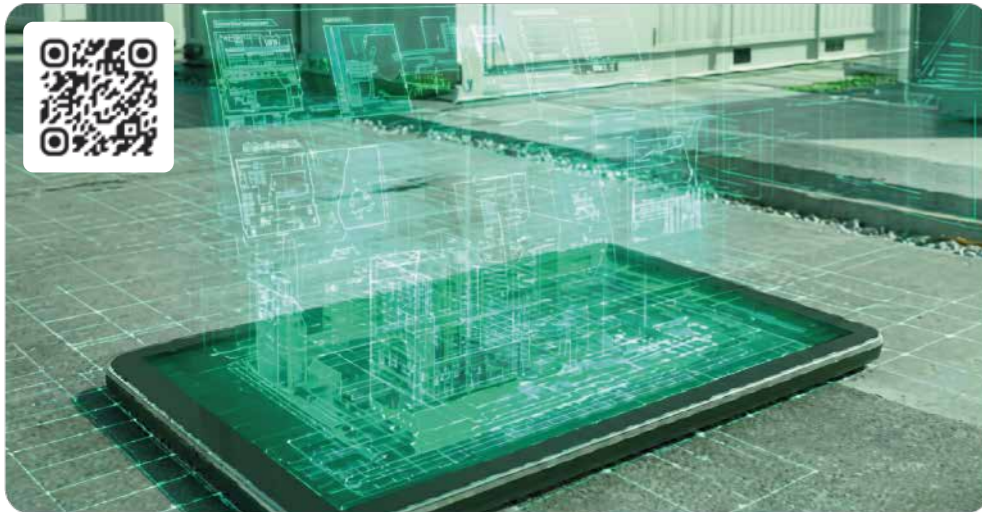
MANDATORY IN THE EU – PROVEN BY EXPERIENCE

ARC FLASH STUDIES ARE NOW MANDATORY ACROSS EU COUNTRIES AS PART OF WORKPLACE AND ELECTRICAL SAFETY REGULATIONS



What objects are being monitored

- Arc Flash Hazard Analysis (IEEE 1584, NFPA 70E)
- Short-circuit & coordination studies
- Mitigation strategies & compliance documentation



Why Existing Plants Need a 5-Year Electrical Safety Study

INTERNATIONAL STANDARDS REQUIRE REGULAR REVIEWS AFTER INSTALLATION:

- NFPA 70E: review every 5 years
- EN 50110: mandatory safety assessment after modifications or equipment replacement
- If transformers, switchgear, cables, feeders, or topology have changed — the electrical study must be updated.



AI-POWERED INDUSTRIAL SOLUTIONS

ARTIFICIAL INTELLIGENCE FOR REAL INDUSTRIAL CHALLENGES



Selected solutions

- Railcar number recognition
- License plate recognition
- Monitoring & dispatching systems
- AI vision for agriculture (ripe strawberry detection)
- Automatic evaluation of filled questionnaires
- AI theft-detection systems for heavy trucks

Ai

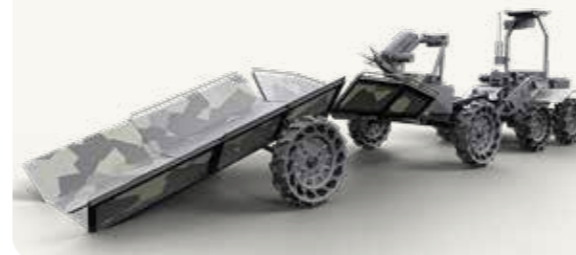
WE DEVELOP AI SYSTEMS THAT DELIVER MEASURABLE OPERATIONAL VALUE

SMART SHUTTLE

MODULAR ROBOTIC TROLLEY FOR EVACUATION AND AUTONOMOUS BATTLEFIELD LOGISTICS

Core Purpose

- Evacuates wounded personnel
- Transports robots and equipment
- Delivers and automatically deploys supplies, ammo, and medical cargo



EV CHARGING STATIONS

CHARGING INFRASTRUCTURE AND E-MOBILITY



CHARGING STATIONS SUPPLY AND UPBUILDING OF AN INFRASTRUCTURE FOR CHARGING OF ELECTRIC VEHICLES VIA UGV CHARGERS MOBILE / DESKTOP APPLICATION



Design and Network connection



Distribution model



In-house cloud-based office



AC & DC Charging stations in any bunding



All types EV for charging



White label ready solution



FOR PETROL STATION



FOR BUSINESS



FOR PRIVATE CLIENTS



Why Partner With Us

- 30+ years in industrial automation
- 10+ years of EU-compliant electrical safety engineering
- 400+ Arc Flash projects worldwide
- In-house hardware, software, AI & cloud development
- White-label and partnership-ready solutions
- Experience in energy, logistics, manufacturing, municipalities



WEBSITE

- Connecting to UGV network as SaaS
- EVC monitoring / energy accounting
- Station reporting
- Remote control
- Booking of charging station
- Individual access to the socket