

BROCHURE 2025



GSL DOO

Security and Style with Our Systems and Smart
LED Lighting



The world is changing fast, and we deliver
solutions that keep pace with your needs.



IntelityNET

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ABOUT US

GSL DOO is an innovative company based in Novi Sad, specializing in the development, production, and implementation of custom electronic devices and systems. Our expertise encompasses every aspect of design – from idea to realization – delivering solutions that enhance safety, energy efficiency, and functionality.

We proudly highlight our contribution in the following areas:

SECURITY SYSTEMS WITH SMART LED LIGHTING

Modern solutions for protecting private and public property.

SMART LED STREET LIGHTING SYSTEMS

Customized systems for smart cities, enabling energy savings and centralized management.

INDUSTRIAL SOLUTIONS

Advanced electronic systems for various industrial applications.

Our commitment to quality and innovation allows us to continually raise industry standards and build partnerships with leading companies in the country and region.



OUR MISSION

Our mission is to create sustainable and reliable electronic systems that improve the everyday lives and operations of our clients. Focusing on the protection of private and public property, we develop technological solutions that reduce maintenance costs and increase energy efficiency.

Through daily work, innovation, and close collaboration with clients, our goal is to provide solutions that ensure safety and added value — not only for our clients but also for the community as a whole.

Reliable Partnership

We pay special attention to understanding our clients' needs, providing not only products but also solutions that bring long-term value. By combining expertise, technology, and creativity, we aim to build trust-based relationships and become a partner our clients can always rely on.





OUR VISION

GSL DOO's vision is to become a leader in electronics, engineering, and technological solutions — known for innovation and quality. We strive to create environmentally responsible systems that significantly reduce the energy footprint and improve the safety of people and infrastructure.

Through proactive communication with clients and implementation of the latest technologies, our team contributes to the development of smart cities, improvement of industrial processes, and creation of sustainable solutions that set new standards in electronics.

We continuously invest in the education of our team in order to remain leaders in innovation and adapt to the dynamic needs of the market. We want our products and systems to symbolize safety, functionality, and high quality, while also contributing to the preservation of natural resources and the environment.

Innovation for Sustainable Development

Our vision is to become synonymous with reliability and innovation in the field of electronics and engineering, recognized not only in the domestic market but also internationally.

We aim for our solutions to become an integral part of future technological achievements, enabling our clients to reach their goals through top-tier design, precise implementation, and long-term partnership.

Focusing on the development of smart systems that connect devices into unified networks, we enable clients to manage and control their systems more easily, with significant resource savings. By introducing advanced technologies such as IoT (Internet of Things) solutions and automation, we are laying the foundations for sustainable development and smart communities.

REMOTE COMMUNICATION SOLUTIONS

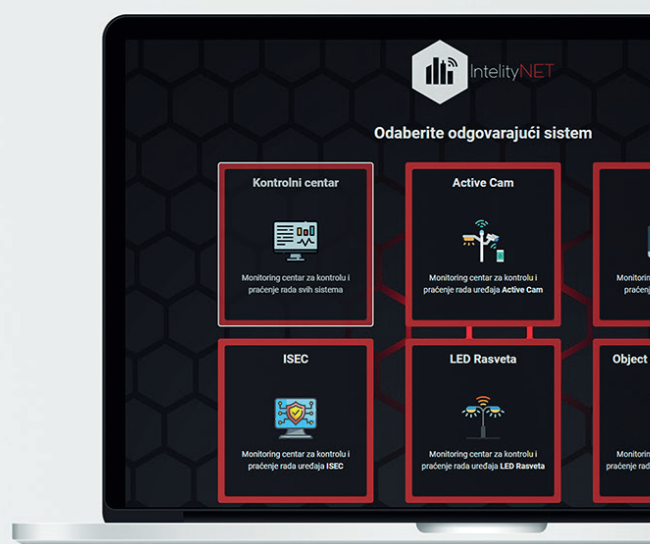
CLIENT APPLICATION – IntelityNET Platform

In the era of digitalization and smart technologies, IntelityNET represents a comprehensive solution for remote monitoring, control, and automation of various systems. This advanced web software enables users to track the status and functionality of devices in real time, regardless of location, offering an intuitive and user-friendly interface for managing all connected systems.

IntelityNET allows the integration of a wide range of your company's products, including smart LED luminaires, security systems, motion sensors, leak detection modules for pre-insulated pipes, 4G communication modules, and many other devices. Regardless of the type, the software centralizes all devices into a unified platform for easier management and monitoring.

The client application is used to display events from various sites. Depending on the type of devices installed, the main events and signals of interest may include:

- Verification of device energy usage and status
- Overview of active and inactive devices
- Current and total energy consumption
- Notifications and alarms in case of system issues
- Device grouping and scenario creation
- Interactive map view with precise device locations

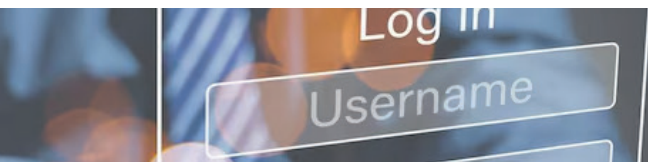


Advantages of the IntelityNET Platform

Via a simple web interface, users can access the system from any internet-connected device, enabling immediate interventions, data analysis, and real-time parameter configuration. Whether you're in the office or out in the field, IntelityNET gives you complete control.

The software also provides detection, logging, and analysis of all alarm states within the system. Users can review alarm messages, identify causes of issues, and take appropriate actions to minimize risks and improve safety.

IntelityNET is designed as a modular platform, allowing easy addition of new features and integration with future products and systems. Thanks to its flexible architecture, the software can be tailored to specific user needs.

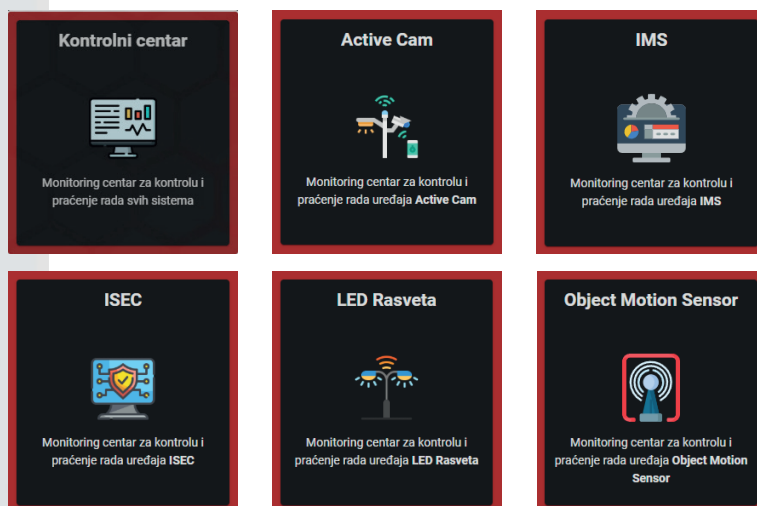
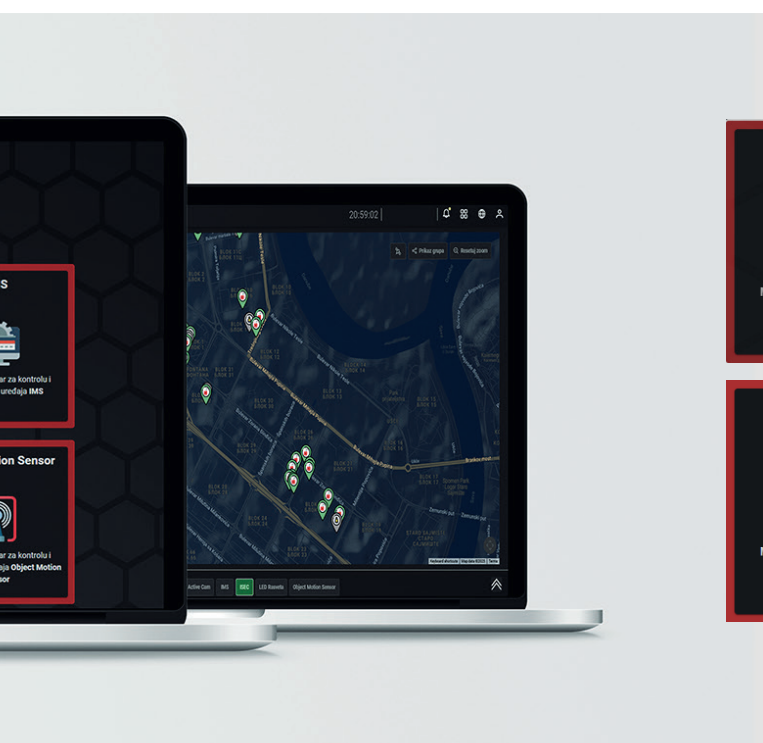


FUNCIONALITY OVERVIEW

IntellyNET Application

The intuitive graphical interface presents all data via clear visuals, maps, and charts, allowing users to quickly understand device and system status. Through interactive maps, users can locate and analyze each individual device, monitor performance history, and track alarm records.

The platform supports the definition of different user access levels. Administrators can assign permissions based on roles, ensuring secure and selective data access in accordance with organizational needs.



Key Functionalities of the IntellyNET Client Application

- **Control Center** – Unified monitoring and control of all systems and devices from a single platform
- **User Management** – Admins can assign access rights and track user activity
- **Location Mapping** – Overview of all installed systems with filtering options by device type
- **Live Data Display** – Real-time sensor data visible in the app
- **Detailed Device Status** – View of current device state, including potential faults or alarms
- **Alarms & Notifications** – Automated alerts for critical system events
- **Event history** – Log of all incidents and changes at each monitored location

SECURITY SYSTEM WITH SMART LED LIGHTING

Depending on the purpose of the facility, there are different reasons and justifications for installing a security system. In addition to protecting your property and ensuring the safety of employees or users, this system enables precise access control and monitoring of all entries to the premises.

In the event of unauthorized access, the system automatically switches from access control and standard lighting mode to **alarm mode**.

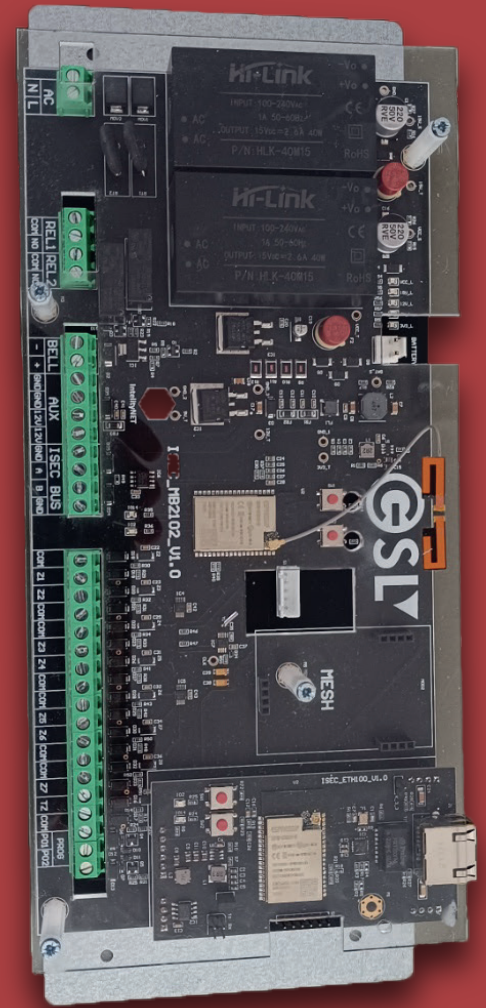
Once an event is triggered, the system activates local acoustic signals and switches to the pre-set alarm mode, while simultaneously sending a remote alert to the monitoring center. Upon receiving the alert, the monitoring center automatically notifies the responsible service that an unauthorized intrusion or critical event (such as water leakage, smoke, or glass breakage) is taking place.

A daily report service can also be installed to summarize all alarm events from the previous day at specific locations.

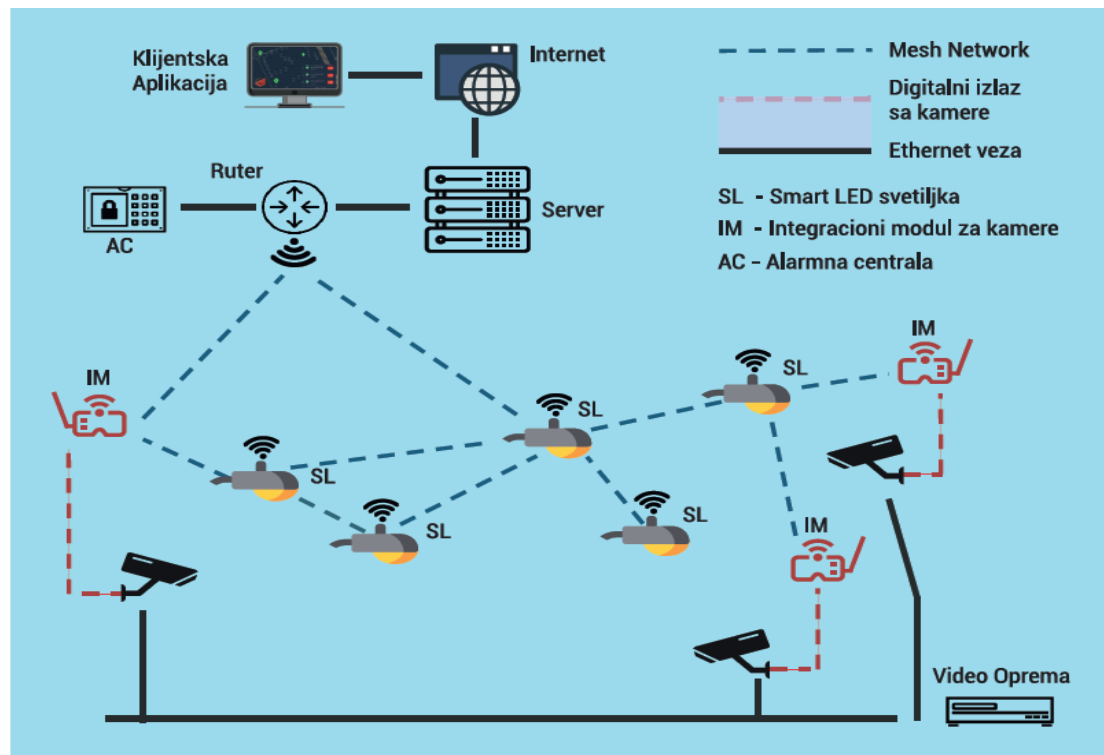
Compared to traditional security systems, our system offers superior protection due to its integration with smart lighting. The lighting system and access control are software-integrated and configured to operate according to your specific needs.

The system is fully tailored to your needs, and by installing such a system, the following is achieved:

- Property protection
- Access control
- Employee performance tracking
- Alerts for unauthorized access, water leakage, smoke, or glass
- Detection of unusual sounds
- Detailed review of all events using customizable filters



SECURITY SYSTEM MODEL WITH SMART LED LIGHTING



The block diagram shows how our security system operates in combination with an existing video surveillance system:

- Integration Module (IM) – Receives digital signals from third-party devices (e.g., video cameras) and transmits changes in camera status.
- Alarm Center (AC) – Collects sensor data and manages access control. Sends all information to the central server.
- Server – Aggregates and processes all data from devices and displays it in the client application.
- Client Application – Allows full device control, access management, light mode configuration, and real-time monitoring of all system parameters.

All system modules are connected via a WiFi Mesh network, enabling real-time data exchange. Upon power-up, all luminaires (SL) and modules automatically connect and form a stable communication network. If a device fails or is removed, the Mesh system automatically reorganizes to maintain full operation of the remaining active devices.

SECURITY SYSTEM CLIENT APPLICATION

Using remote communication, data from all locations is collected in a central monitoring center. Communication between remote sites and the receiving device is carried out via a GSM–Ethernet module. If signal strength is weak, an additional antenna ensures high-quality transmission.

The collected data is stored in a central database, with access controlled according to each client's permissions. Clients are authenticated through centralized login and can use a unique password.

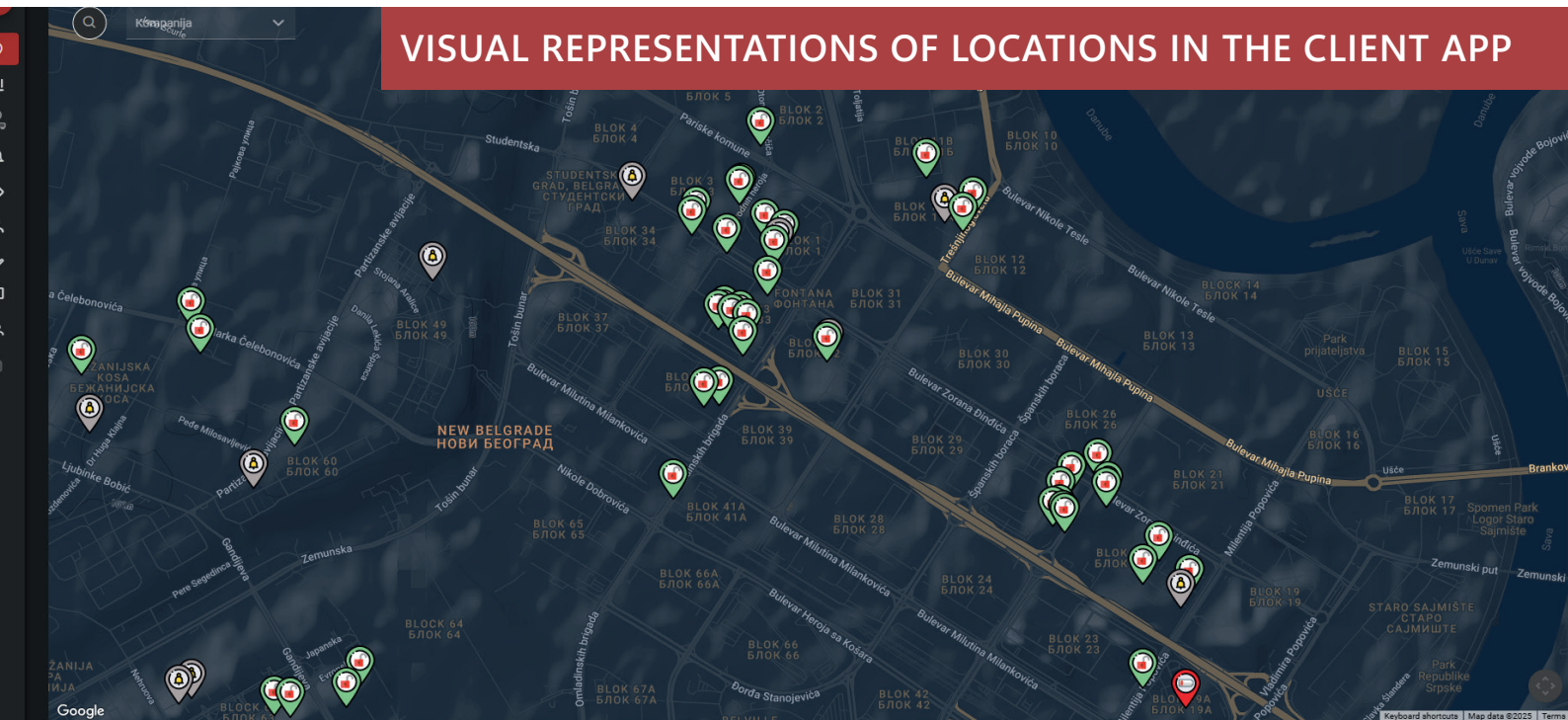


The client application is used to display events from various sites. The primary events—and therefore the signals of interest—are:

- User entry/exit
- Alarm activation/deactivation (e.g., intrusion, water, smoke, sound detection)
- Tamper state (open/closed)
- Site availability (accessible/inaccessible)
- AC power (working/failure)
- Battery power (working/failure)
- LED light functionality (working/failure)

Each client has access only to the locations assigned to their account. The integration of alarm installations, smart lighting, and various sensor types — as well as implementation of the software — is carried out in coordination with your technical staff and is fully customized to your facility.

VISUAL REPRESENTATIONS OF LOCATIONS IN THE CLIENT APP



On the company's client interface, the user can view a map of all locations where the security system is installed. Selecting a specific site opens a page showing the current system status and event history for that location.

Naziv uređaja

Adresa

Lokacija

Napajanje

Procenat baterije

Alarm

Arm status

Poslednje javljanje

Stanje osigurača

Označi uređaj na mapi

Na mreži

100.00%

Mirno stanje

Disarmovan

24.03.2025. 21:44:02

N/A

Detektor pokreta

Senzor vode

Senzor otvorenosti vrata

Zona 4

Zona 5

Zona 6

Tamper R.O.

Tamper Zona

Istorija promena zona

Mirno stanje

Mirno stanje

Mirno stanje

Zona se ne koristi

Zona se ne koristi

Zona se ne koristi

Mirno stanje

Mirno stanje

Otvori

Mapiranje zona

Sačuvaj promene

Uzbune i greške

egledane uzbune

Označi kao pregledano (0)

Označi sve kao pregledano

Izbrisi sve

Google

NEW BELGRADE
НОВИ БЕОГРАД

Uklanjanje permisija

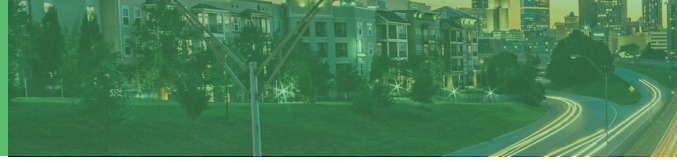
Dodavanje permisija

Vreme aktivacije	Zona aktivacije	Poruka	Tip uzbune
17:26 21-03-25		Alarmna centrala je u mirnom stanju	Notifikacija
17:26 21-03-25		Alarmna centrala je na napajanju	Info
17:26 21-03-25	Zona sirena	Zona sirena u mirnom stanju	Notifikacija
17:26 21-03-25	Senzor otvorenosti vrata	Zona 3 u mirnom stanju	Notifikacija

Depending on the type of sensors installed, data is collected in real time, and the user is immediately notified in the event of an alarm.

A designated company representative can add new users, assign permissions, and track user access history for each location — all through the client application.

SMART LED STREET LIGHTING SYSTEM



For many years now, most of Europe has been transitioning from mercury and sodium-based lighting sources to LED lighting for public street illumination. The benefits of LED include better photometric performance, lower electricity consumption, and reduced maintenance costs.

Building on these advantages, our company has taken a step further by developing an advanced smart LED street lighting system.

The smart LED street lighting system developed by our company consists of three segments:



MESH LED Controller

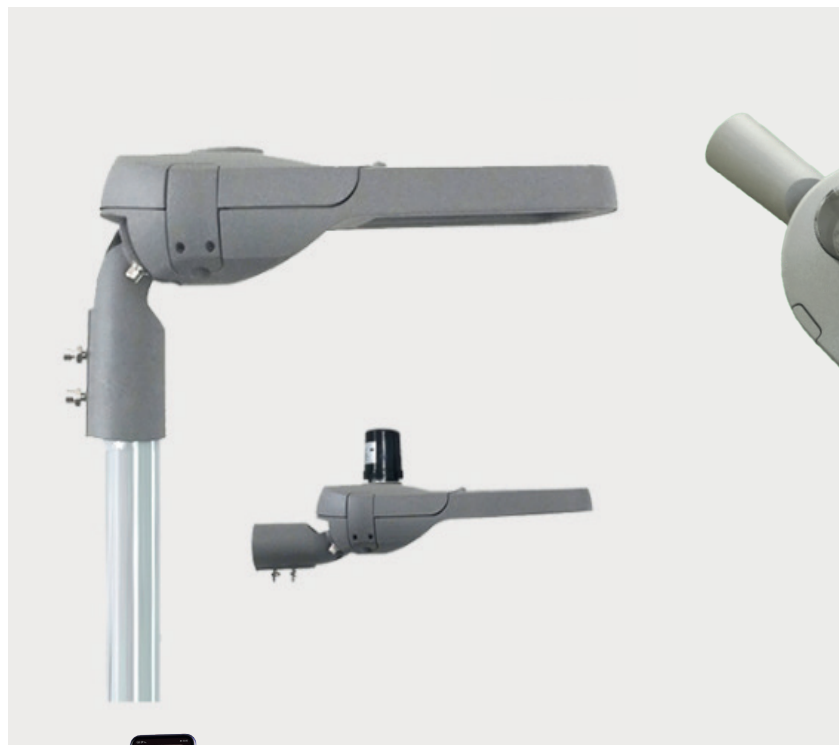
The IntelityNET Mesh LED controller is designed to manage LED lamps. Control is performed via a PWM signal and operates within a voltage range of 90–230 VAC.

Each device is equipped with a GPS module for precise luminaire positioning. In real time, through the internet, the controller provides the user with detailed information about the specific lamp.



Server

The server is a physical device located at a remote site, providing the user with access to the client application at any time. It stores all information related to the device. The server also records all changes in its database and allows for a complete review of all modifications made through the client application.



Client application

The client application is a user-friendly program that allows real-time monitoring of the operation and status of the streetlights at any moment. From the comfort of an office chair, users can access a specific group or an individual light fixture. Once connected to a group, it is possible to adjust the intensity and operating mode of the lights or retrieve desired information—all in real time.

SYSTEM OPERATING MODES

Smart LED street lighting, integrated into the IntelityNET system, enables efficient lighting management based on the level of available daylight and predefined operating modes. The system automatically adjusts light intensity to optimize energy consumption, extend equipment lifespan, and reduce light pollution—while ensuring reliable illumination for industrial, commercial, and other specialized facilities.

The smart LED street lighting system offers the ability to operate in three different modes:



Manual Mode

The user directly sets light levels and timing.

Automatic Mode

Light intensity is automatically adjusted based on ambient lighting conditions.

Programmed Mode

Predefined lighting schedules are set for long-term operation, based on the time of day or specific needs.



In addition to all the advantages of LED lighting compared to mercury and sodium-based light sources, the installation of our system provides the following benefits:

Information about the light fixture's lifecycle and light intensity is available at all times.

- The client application allows adjusting the light intensity and operating mode.
- The client application displays the total operating hours of the fixture.

The need to define street lighting schedules only once is eliminated.

- The client application enables creating operating modes for individual fixtures or groups, depending on the time of day—all from the comfort of an office chair.

The need for on-site inspections to verify whether the lights are functioning is eliminated.

- The client application sends an alert when any fixture stops working.

Internet-based updates

- Firmware updates do not require physical connection to the fixture and can be performed remotely via the internet.

DECORATIVE LIGHTING – A FUSION OF AESTHETICS AND FUNCTIONALITY

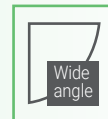
Decorative lighting not only illuminates a space but also gives it a unique visual identity and aesthetic value. Whether used for residential yards, business complexes, residential neighborhoods, public areas such as parks and playgrounds, or as an attractive solution for investors, its role is multifaceted — from enhancing safety to creating a pleasant atmosphere.

In addition to the visual aspect, well-designed decorative lighting contributes to safety and spatial orientation. Well-lit public spaces reduce the risk of accidents and make them more pleasant to spend time in during the evening hours. Within residential and business complexes, lighting can highlight architectural details and enhance the overall visual experience.



IP66

IK09



APPLICATION FLEXIBILITY

Our decorative lighting offers a wide range of possibilities tailored to user needs. It can be implemented in a traditional form or with advanced smart controllers, enabling remote management via the client application. With smart controllers, users gain detailed insights into energy consumption, the ability to program lighting scenarios, and optimize system operation according to specific requirements.

Investing in quality decorative lighting brings long-term value by enhancing the attractiveness of a space and enabling more efficient energy management when combined with smart technologies. Whether it involves modern LED poles, illuminated elements integrated into the landscape, or dynamic lighting effects, every solution can be customized to meet the specific needs and preferences of clients.

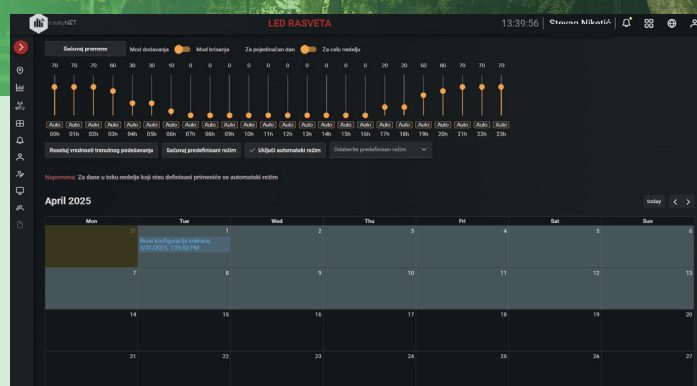
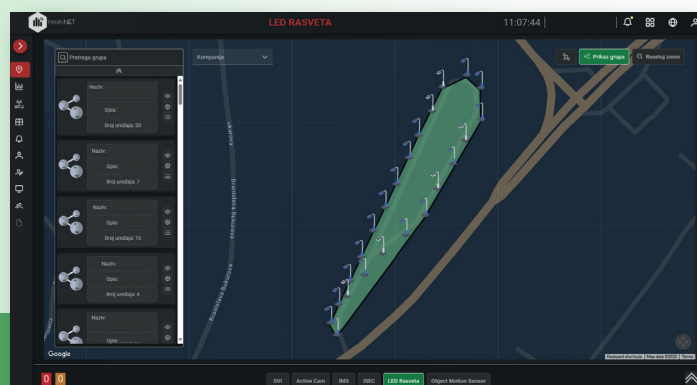
SMART LIGHTING CONTROL – INSIGHT AND EFFICIENT MANAGEMENT

Our client application provides complete control and insight into the lighting status through an interactive map. Each lamp is accurately displayed on the map with its GPS location, greatly facilitating fault detection and speeding up the servicing process. In case of a malfunction, you can quickly and easily locate the problematic lamp and take appropriate action.

Additionally, the application provides detailed information about each individual lamp or group of lamps. Users can access data such as operating voltage, current consumption, total energy usage, external temperature, illumination level, and many other useful parameters. This information enables more efficient energy planning and system operation optimization.

An additional advantage of the system is the ability to create lamp groups, allowing individual lamps to be organized into specific zones and managed collectively. This enables programming of lighting scenarios based on user needs—for example, certain groups of lamps can be turned on or off depending on the time of day, presence of people, or other factors.

Our system also supports integration with various types of sensors, further expanding smart lighting capabilities. Motion sensors, light sensors, weather sensors, or security sensors can be used in combination with the lamps to create specific lighting scenarios. For example, if a sensor detects movement in critical areas, the lamps can start flashing or increase light intensity to enhance visibility and safety.



INDUSTRIAL SOLUTIONS – IMS SYSTEM

The IMS system, developed by GSL DOO, is an advanced solution for monitoring, controlling, and managing various industrial and infrastructure systems. It is based on a modular architecture, allowing different modules to be combined and integrated into specialized distribution cabinets according to client-specific needs.

A key advantage of the IMS system lies in its flexibility and adaptability to specific conditions and requirements. Each module has a clearly defined function—from measuring and analyzing electrical parameters to managing output signals and reporting alarm conditions.



Note: The illustration of the IMS Distribution Cabinet is symbolic and intended for illustrative purposes only. The final layout, appearance, and design of the components may vary depending on the system configuration and client requirements.

IntegrityNET Web Software

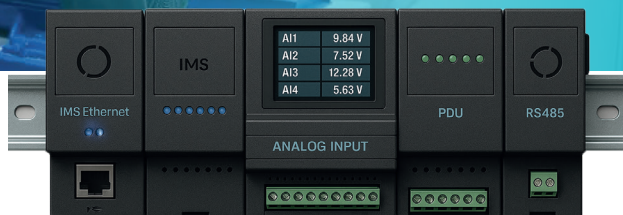
An essential component of the IMS system is the IntegrityNET Web Software, which enables:

- Centralized monitoring of all systems and modules through a unified interface
- Real-time detection of faults and alarm conditions
- Data archiving and historical trend analysis
- Configuration of operational parameters for each individual module
- Remote adjustment of settings and automated system adaptation based on user-defined needs

Modular Architecture and Connectivity The IMS system provides:

- Flexible combinations of different modules tailored to user requirements
- Interconnection of all modules within the distribution cabinet to a central control system
- Full integration with the IntegrityNET Web Software platform, enabling remote supervision and control of all parameters
- Real-time status display of all modules within the user interface
- Immediate response capability in case of parameter threshold violations or system faults

Illustrative Layout of IMS Modules on a DIN Rail



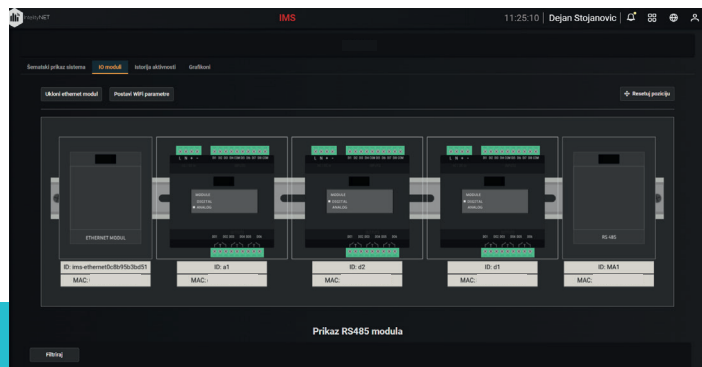
Note: The layout is symbolic and serves only to illustrate the arrangement and functionality of the modules. The actual appearance may vary.

IMS SYSTEM MODULES

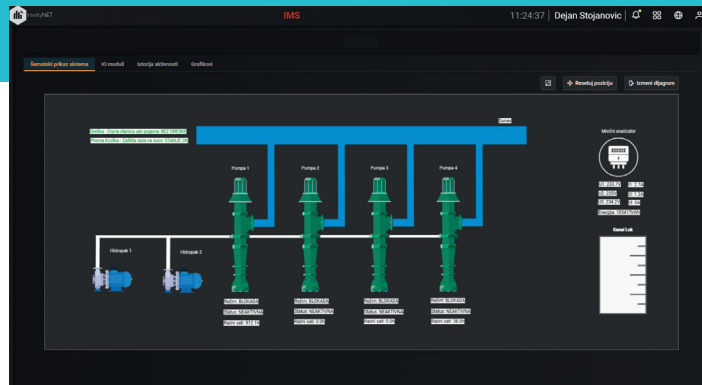
A distribution cabinet can house multiple types of modules, depending on the specific needs of the client. Some of the commonly used modules include:

- Analog Module
- Digital Module
- IMS Ethernet Module
- IMS PDU Module
- IMS RS485 Module
- Modbus TCP

Ims 1.1



Ims 1.2



IMS System for Monitoring and Managing Pump Stations

As an implementation example, we present the IMS system integrated into a pump station control setup, though the platform is highly adaptable and can be applied to any type of industrial facility.

The IMS system ensures reliable and continuous monitoring of water pumps using both digital and analog inputs and outputs. Through the IntelityNET web platform, users are granted detailed insight into the current state of the system — including all I/O parameters, sensor readings, device activations, and event history.

Depending on the configuration, the system automatically sends notifications and alerts regarding all critical operational changes — such as power interruptions, protection activations, changes in flow rate or pressure. Thanks to the visual representation of connected modules (RS485, digital, analog), users can quickly identify issues and respond efficiently.

The IMS system for pump station monitoring allows real-time tracking of key parameters related to the operation of pumps and booster sets.

Image [IMS 1.1](#) shows the arrangement of our modules, reflecting the actual layout within a distribution cabinet. Channel connections, signal types (input/output, digital/analog), and their current activity are clearly displayed.

Image [IMS 1.2](#) provides an overview of pumps and booster sets, device status, water pressure, fault detection, energy consumption, input/output voltage and current values, as well as the water level in the system.

IMS ANALOG 4



The Analog Module is an advanced device equipped with four configurable channels. Each channel supports multiple operating modes, including:

- 0–10V input
- 0–10V output
- 4–20mA input
- 4–20mA output
- RTD temperature sensors (Pt100, Pt500)
- Digital input mode also supported

It features a built-in 2-inch graphical interface, which enables users to directly view measurements and error messages on-site. The module supports individual channel diagnostics and alarm notifications, ensuring precise and reliable monitoring.

IMS DIGITAL 8



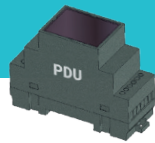
The Digital Module offers configurable inputs and outputs, enabling monitoring and control of various system parameters.

Key features include:

- Configurable digital inputs and outputs
- Real-time parameter monitoring via a 2-inch graphical interface
- Individual diagnostics for each channel

Just like the analog module, it comes equipped with a 2-inch graphical display for immediate on-site readings, error alerts, and individual alarm reporting.

IMS PDU



- The PDU Module provides efficient and reliable power distribution from the supply source to the connected devices.
- It is DIN-rail mountable, ensuring organized and safe voltage distribution within the control cabinet.
- It includes built-in protection against overvoltage and electrical disturbances, safeguarding connected equipment and ensuring long-term stability and reliable operation of the system.

IMS RS485



Our universal RS-485 module enables simple and reliable communication with devices using the RS-485 standard. It offers flexibility for a wide range of industrial and automation applications, ensuring seamless integration into various control systems.

IMS ETHERNET/MODBUS



- Network Distribution: Provides internet connectivity to downstream devices, allowing seamless access to network resources and internet.
- LAN Port: Equipped with a single LAN port for direct router connection, ensuring stable internet access.
- Side Connector Power Supply: Powered via a side connector, simplifying installation and reducing the number of required cables.
- MODBUS Communication: Can also function as a MODBUS communication module. Supports both MODBUS RTU and MODBUS TCP protocols. Easily integrates with existing SCADA systems, PLCs, and other industrial controllers.

This flexibility makes the module ideal for a wide range of automated and distributed systems.

LEAK DETECTION SYSTEM FOR PRE-INSULATED PIPES

MSD8970E

Pre-insulated heating pipelines are equipped with signal wires along their entire length, enabling continuous remote monitoring of the system. It is essential to install a stationary leak detection and monitoring system on every pre-insulated pipeline to detect potential faults or signal wire failures in a timely manner and prevent further fluid ingress into the insulation material.

Before installing our device, we recommend performing initial measurements using dedicated equipment to check the integrity of the signal wires and identify any existing faults along the pipeline segment. This procedure ensures the network is in proper working condition prior to installation, eliminating possible issues and allowing for reliable system operation.



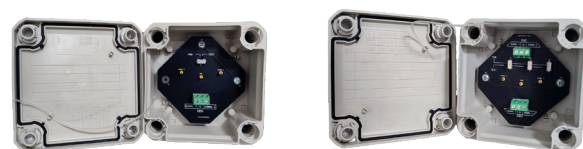
The **MSD8970E** is an electronic device designed for stationary installation, serving both as a leak detector and as a signal wire integrity tester in pre-insulated heating systems. It is connected to the system's signal wires and fluid-carrying pipe, and provides continuous monitoring of the following three alarm states:

- Detection of fluid leaks in pre-insulated pipes
- Detection of signal wire interruption
- Detection of a short circuit between the fluid pipe and the signal wire



When an alarm is triggered, the device displays the type of alarm and the specific pipeline where the issue occurred. The device operates by measuring moisture within the insulation layer and tracking changes in electrical impedance across the system.

The image above shows the device's appearance and status within the IntelityNET web application, where all monitored states of the signal wires are clearly visualized. The interface includes graphical representations of measured values, historical data, and a complete record of all active and past alarm events.



The device is powered by a 230VAC mains connection.

It includes one relay digital output (NO/NC) for alarm signaling, intended for connection to a PLC controller, which then communicates the alarm to a SCADA system.

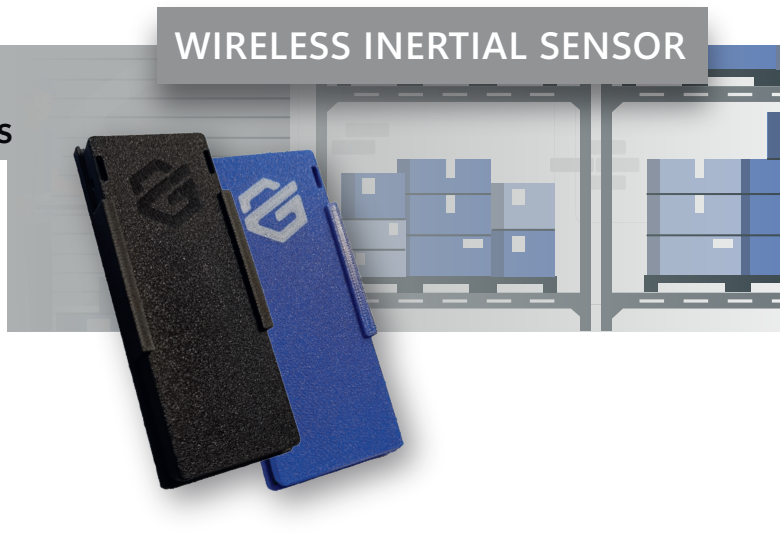
In addition, the device features three AUX relay inputs for optional sensor connections (such as bimetal temperature sensors or flood sensors). If one of these sensors detects an alarm condition, it informs the system by sending an alert to the SCADA platform via the main unit.

Advanced Wireless Sensor for the Protection of Exhibits and Valuable Assets

The wireless inertial sensor is an advanced solution designed to protect exhibits, artworks, and other high-value items that require discreet, reliable, and continuous movement detection. With integrated electronics and multiple functionalities, the sensor delivers high precision in monitoring object status, while wireless communication ensures easy installation and seamless integration into existing security systems.

Its compact and unobtrusive design allows for direct placement on the exhibit or structure without affecting the appearance or integrity of the object. In addition to movement detection, the device continuously measures and records environmental parameters such as temperature and humidity—helping to preserve and monitor optimal storage conditions for sensitive items.

WIRELESS INERTIAL SENSOR



Motion Detection via Built-In Accelerometer

A highly sensitive internal accelerometer detects even the slightest movement or displacement of the object. Any detected shift immediately triggers an alarm state and sends a real-time alert to the security control center.

TECHNICAL SPECIFICATIONS AND FUNCTIONALITY

Integrated Temperature and Humidity Sensors

Beyond motion detection, the sensor measures ambient temperature and humidity at user-defined intervals. These values are available in the client application for each individual exhibit, providing an additional layer of monitoring and preservation.

Custom Threshold Settings

Users can define minimum and maximum values for temperature and humidity. The sensor's motion detection sensitivity and data transmission frequency can also be adjusted, depending on the specific application and requirements.

Real-Time Alarm Notification

If an object is moved, the alarm status is instantly displayed in the client application. The exhibit is marked as being in alarm mode, clearly indicated within the user interface, allowing for timely and effective response.

Wireless Communication and Easy Integration

Fully wireless and battery-powered, the sensor offers flexible placement and long-term operation without the need for additional wiring. All sensor data is accessible through a centralized software platform that enables monitoring, management, and the creation of custom protection scenarios.

MULTIFUNCTIONAL CONTROL UNIT

The **MPU2410** is a smart, multifunctional device developed to combine simple control with advanced features in a compact and reliable solution. It is designed for automation and remote control of various systems via GSM and Wi-Fi networks—operated through SMS messages, phone calls, or a dedicated user application.

Operation and Control

The MPU2410 is configured simply by sending messages in a predefined format. Each function—whether it's activating a relay, setting pulse durations, triggering events based on time, or assigning user numbers—is controlled via SMS. Device activation is done either through a phone call or a message.

In addition, the unit can monitor predefined input states and, in case of any change (e.g., door opening, sensor activation, power outage), it automatically sends an alert via SMS or call to a designated number.



Thanks to its combination of inputs and outputs, the MPU2410 can control a wide range of devices, including:

Gates and barriers

Lighting and decorative illumination

Electromagnetic locks and motors

Irrigation systems

Security and alarm systems

Ventilation, heating, and much more

Mobile Application for Enhanced User Experience

An intuitive mobile app is in development, offering:

Visual interface for device control

Access to logs and real-time status monitoring

User access management

Advanced configuration without memorizing command codes

Option to operate without a SIM card, eliminating recurring telecom costs

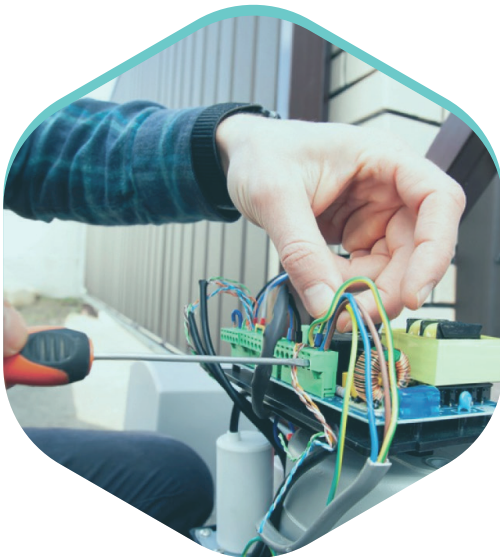
Two Versions – Simplicity or Full Potential

MPU2410 Gate – a simplified version designed exclusively for gate and barrier control.

MPU2410 Control+ – a full-featured version with expanded programming capabilities and customizable scenarios.

GSM CONTROL UNIT FOR GATES

THE **GSM 4G LTE kontroler** is a device designed for remote relay output control via phone call or SMS. Ideal for managing gates, barriers, doors, pumps, lighting, or any electrical device that needs to be switched on or off through a mobile network. In addition to its two relay outputs, the unit features two digital inputs that notify the user of a state change via SMS or phone call, making it a practical solution for reading sensor signals or detecting alarm events.



GSM 4G LTE Controller

2 relay outputs supporting 6 operational modes

Adjustable relay impulse duration

Supports up to 200 users with expansion options

Control via phone call or SMS

Up to 20 admin numbers for full device management

Automatically rejects calls (free control without answering)

Power supply: 230V AC

Core Functionalities:

- **User Management:** Add/remove admin and user numbers with privileged access to configuration commands.
- **Input Configuration:** Detects high/low logic level with customizable SMS alerts.
- **Output Configuration:** Supports impulse, constant, and timed modes, with adjustable durations and intervals.
- **Alarm Calling:** Automatically calls a specified number when input-triggered events occur.
- **SMS Command Limitations:** Setup messages are limited to 60 characters for simplicity and reliability.
- **Priority Call Function:** On input activation, the device can automatically call a designated number for quick response.

In the new version of the device, control via Wi-Fi network and mobile application has been enabled. Through the app, the user can easily add and remove numbers, monitor activities, and manage access in real time – without the need for SMS messages or physical access to the device.

Building a Safer and Smarter Future – Together

At **GSL DOO** we believe the best solutions are created through collaboration – built on open dialogue, mutual trust, and a shared vision for progress. That's why we don't just offer products – we provide complete solutions and partnerships rooted in a deep understanding of client needs and a dynamic market environment.

Our technology is already integrated into numerous systems across the region – from smart cities and security installations to specialized industrial applications. But what truly sets us apart is our human approach and flexibility: we listen, adapt, and develop what you genuinely need.

If you are looking for a reliable partner for projects in electronics, automation, lighting, security systems, or custom-designed solutions – we're here to shape the future together.

OUR PARTNERS

GSL DOO is proud to work with a wide range of companies, institutions, and organizations that recognize the quality, reliability, and technical expertise present in every one of our solutions.

Our partnerships are built on trust, long-term collaboration, and a mutual commitment to innovation.

Here are some of our valued partners:



Thanks to these partnerships, our systems and products are part of many infrastructure, industrial, and technological solutions across Serbia. Every project is a new opportunity for us to improve quality of life and work through innovative electronic systems.



Together, we create solutions that inspire –
your ideas, our technology.



Technology that connects. Systems that last.



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