ROAMING
Smart Solutions

We make your world
Safer and Smarter

About Roaming Smart Solutions

Roaming Smart Solutions is a company that operates within the Roaming Networks Group. We provide our clients with turnkey Security Solutions, Intelligent Traffic Systems and BMS and Automation systems.

BUILDING MANAGEMENT SYSTEMS AND INDUSTRIAL AUTOMATION

VIDEO SURVEILLANCE SYSTEMS

VIDEO AND AUDIO INTERCOM SYSTEMS

ACCESS CONTROL AND TIME ATTENDANCE SYSTEMS

ALARM SYSTEMS AND PERIMETER PROTECTION

FIRE SYSTEMS

BMS, SECURITY AND LIFE SAFETY SYSTEMS ENTERPRISE INTEGRATION

PUBLIC ADDRESS SYSTEM

Our expert team offers risk assessment, planning, design, implementation, and maintenance of security systems. Moreover, with our professional knowledge and approach, we are determined to simplify usage of our security, life safety, automation and building management solutions by elevating security/life safety level and energy/building management efficiency to the maximum degree for our consumers. We are delivering integrated telecommunication and automation systems in infrastructure road and railway projects in order to meet most complex demands.

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Certificates & Licences

As certified and licensed consultants, we run our business with leading design Serbian companies on the substantial infrastructure projects.

★
ISO 9001:2015

★
ISO 14001:2015

★
ISO 45001:2018

★
ISO/IEC 27001:2013

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Certificates & Licences

SECURITY SYSTEMS

- Bosch Building Technologies – Building Integration System software

- Bosch Building Technologies – BVMS video management system, Praesideo public address, Paviro public address, FPA5000 fire alarm…

- Honeywell – fire alarm, public address, intrusion, access control…

- Milestone, Axis, Avigilon certificates…

BOSCH

Honeywell

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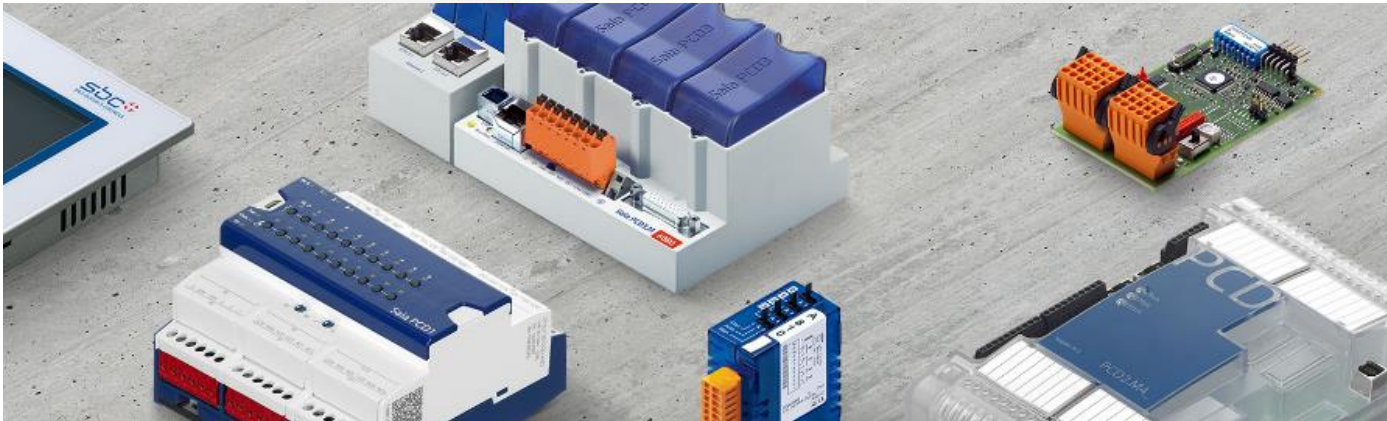
Certificates & Licences

BMS & INDUSTRIAL AUTOMATION

- Schneider Electric – EcoXpert BMS
- Schneider Electric – Ecostruxure Machine Expert
- Honeywell – BMS Partner Cetrificate
- Tridium – Niagara 4 Technical Certifiation

BMS Solutions

- Schneider Electric EcoStruxure Building Operation software

- Schneider Electric SmatrX IP controlers

- Honeywell Saia Burgess Controls Automation Stations

- Honeywell Tridium Niagara 4 Supervisor Software / Framework

- Schneider Electric and Honeywell Field Devices

Building Automation and Energy Supply Management Solutions

- Schneider Electric EcoStruxure Machine Expert

- Schneider Electric EcoStruxure™ Power SCADA Operation

- Schneider Electric Modicon Industrial PLC

- Schneider Electric PowerLogic Metering

- SIEMENS Industrial Automation Systems SIMATIC

Schneider Electric

SIEMENS

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References

SERBIA

- **Belgrade – Novi Sad railway reconstruction, China/Serbian Railway**

- Building integration system software, Bosch

- Fire detection system, public address, CCTV, intrusion, access control, Bosch

- Display information system, Conrac

- system, Bodet

- **"IKVB Dedinje", hospital**

- All security systems, Bosch

- **Železnik and Lipak, tunnels**

- All security systems, Bosch

- **NCR Campus office space, Belgrade, 40 000m^2**

- Video surveillance, Avigilon

- Fire detection system, public address, Bosch

- Access control, Honeywell

- Gas detection system, ramps, bollards etc.

- **"Turski tok" gas pipeline, Serbia**

- Video surveillance, Axis

- Public address, Bosch

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References

SERBIA

- **Broadcasting Technology and Links, Serbia**
- Centralised Integrated Supervision System for Broadcasting stations power supply, automation and security systems, Schneider Electric + Milestone + Axis + Paxton

- **Delta Holding, Headquarter and shopping mall**
- All security systems integrated, Bosch

- **"Milan Blagojević Namenska", Lučani AD**
 - Video surveillance, Avigilon

- **"PPT Namenska", Trestenik**
- Access control - Tripod Turnstiles, Gunnebo
- Video surveillance, Dahua

- **"MK Fintel Wind", wind farm Košava**
- Access control, anti-burglar alarm system
  with perimeter protection, Honeywell + Optex
- Video surveillance, Avigilon

- **Airport "Nikola Tesla", Belgrade**
- Building Management System, Schneider Electric

- **Tunnel Brančići**
- All security / life safety systems, Bosch and 2N

- **"General Electric", wind farm Kovačica**
 - Access control, anti-burglar alarm system with perimeter protection, Honeywell + Optex
 - Video surveillance, Avigilon + HikVison
- Fire detection system, Bosch

- **Ada Mall**
 - All security systems, Bosch

- **Univerexport**
 - Video surveillance, HikVision

- **Tehnomanija distribution center**
 - Video surveillance, IP video interfon, Dahua
 - Fire alarm, Bosch

- **Boysen factory**
 - Fire alarm, cctv, Bosch

- **Carmeuse hidration plant, Jelen Do**
- PLC and SCADA aplications, Siemens + General Electric

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References

SERBIA

- **Highway Preljina – Požega, sections III, IV and V**
- Video surveilance - HikVision + Milestone,
- VMS and traffic signalization – DMV,
- Fire Alarm – Bosch,
- Meteorological station – Luft,
- Access control – Kantech

- **Energy from Waste Plant, Vinča**
– Building Management System - Schneider Electric,
- CCTV– Milestone and Axis,
- Fire alarm- BOSCH

- **"Delta Panet", shopping mall Niš**
-Access control, intruder alarm, video surveillance, fire detection system, public address, integration – Bosch

- **"Hospital IKVB Dedinje", Belgrade**
– Access control, intruder alarm, video surveillance, fire detection system, public address, integration – Bosch

- **„Putevi Srbije"**
– Video surveiilance– Axis and Milestone

- **"Hospital Biocell", West 65 tower**
- Nurse call, access control, cctv, public address, clock system

- **"Transnafta"**
– CCTV and access control

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References

MONTENEGRO

- **Hotel Karisma, Ulcinj**
- Access control, Assa Abloy
- Sound system, Ateis and Audac
- Video surveillance, Dahua
- Fire system, Esser by Honeywell
- WiFi and switches, Ubiquity

MONTENEGRO
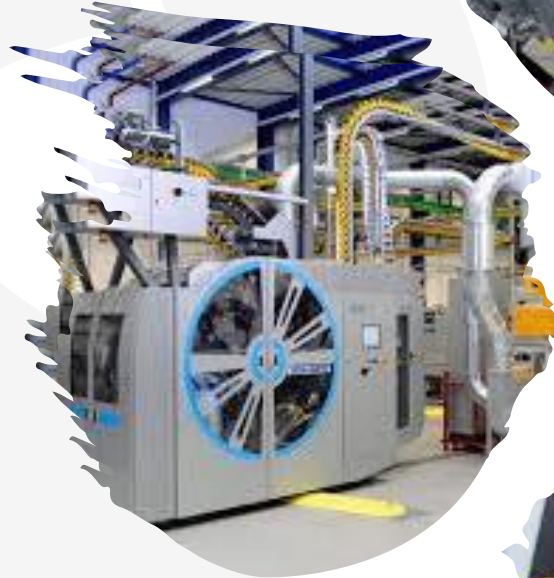
- **SC Morača, Podgorica**
- Access control and ticketing system, Actis
- Sound system, Dynacord + Electrovoice
- Video surveillance, Avigilon
- Fire system, Esser by Honeywell
- WiFi and switches, Ubiquity

BOSNIA AND HERZEGOVINA

- **Mtel Banja Luka**
- Video surveillance, Milestone

- **„Centrum" shopping mall Gradiška**,
- Building Management System - Honeywell SAIA Burgess Controls

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Industrial Automation

Team Industrial Automation includes managers and engineers from various fields of business and engineering that bring plenty of experience with strong, diverse skills, developmental skills and enterprising spirit. Therefore, the above-mentioned experience and interests, always open the door to new areas of engagement and new challenges. Our team competently covers all the stages required to successfully complete the project, including preliminary studies, project design, construction and project management, project implementation and final commissioning. Since our primary focus is on long-term relationships with clients, we provide service, support and preventive maintenance.

Industrial Automation

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The key to success in any venture is getting the right people aligned and onboard. It's the same with any Intelligent Automation project. The key to a project's success is the collaboration, communication, and distribution of responsibilities within the team. Leaders need to design the correct teams, select the right players, develop the capabilities and organize a Center of Excellence to successfully implement automation projects in an industrial.

Industrial Automation

Participating automation projects worldwide, Our team has gained extensive technological experience and know-how in all operation characteristic for metal production and processing, tire test machines and processing and all process and machines which need automation control and processing.

We offer:
- Turn-key solutions
- Development of customized software and hardware
- Commissioning and testing
- Basic and detailed designs
- Programming and parameterization of programmable devices
- Simulation of process or machine in Unity software or Siemens SIMIT
- On-site erection, installing and connecting of the equipment
- Training of customer staff.

Expertise that we provide is:
- Software (L1, L2 and L3) development and implementation
- Electrical hardware engineering and installation
- Inverters (drives) installation and commissioning
- Hydraulic, electrical and mechanical supervision
- Technical support in all mentioned areas.
- Industrial IoT Solution and Big Data analytics
- Industrial Connectivity for Digital Transformation (MES and SCADA)

Industrial Automation department and our friends and clients

- SMS GROUP Germany - is a plant supplier to the metallurgical industry for steel, aluminum, copper and metals. The competences comprise design, engineering, …
- Alcoa USA/England– Aluminum finished metal department
- Cuprumfoma Italy – Copper tubes
- Mueller USA – Copper tubes
- Sandvik Canada – Machine Manufactory
- Copper Tire USA – Machine OEM Test machine
- ZF Friedrichshafen – Machine OEM Test machine
- Grupo DEACERO - Steel wire
- BGH Edelstahl GmbH - Bars in stainless-, acid- and heat resistant steel, tool steel and nickel base alloys
- ShouGang JingTang Unite Iron & Steel Co. Ltd. - Steel strip
- Walsin Lihwa Corp - Steel bars
- KME ITALY Spa - Copper tubes
- MIYAZAKI SEIKO Co. Ltd. - Steel bars
- Ural Mining Metallurgical Company (UMMC) - Copper strips
- Celsa group, Global Bright Bars - Steel bars
- HASÇELİK SAN. ve TİC. A.Ş - Steel bars
- Zapp Precision Wire, Inc. - Steel wire
- Bhushan Power & Steel Limited – Steel bars

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References of Industrial Automation

TURKEY

Combined drawing line, two rolls straightener, chamfering machine

Automatic material introducing, strengthening, sand blasting, cutting, testing, sorting, straightening, during process force regulation, chamfering, milling and facing after straightening as one line continues process

S7 1500 T

S7 1500 TF

Sinamics S120

Sinamics DCM

Indraworks

GERMANY

Peeling machine, two roll straightener, chamfering machine, testing unit

Billet diameter reduction completely automated system with motion control for material loading, feeding, peeling with during run adjustment, straightening, chamfering, milling, facing, testing and sorting. Material tracking and L2 integrated with existing plant system

Simatic S-7 1500TF

Sinamics S120

Zumbach laser

eWon

GERMANY

Peeling machine PMH600

Automatic adjusting to billet deviations. Monitoring and detecting tool damages; automatic tool change sequence. Communication with billet processing systems before and after Peeling Machine. Complete line safety control and monitor

Simatic S7-300 F

Sinamics S120

Sinamics DCM

WinCC Flex 2008 PC with remote access

Mobile Panel 277F

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References of Industrial Automation

ITALY

Spinner Block SB4F, APP station

Spinner Block with Manipulator and Automatic Preparation station for copper tube drawing process. Fully automated system for preparing, introducing and processing material with maximum line speed of 1000m/min. Fully automated conveyor tables for loading, unloading, storing and restoring material, integrated with existing plant conveyor system. Production data processing, storing and tracking. Safety monitoring and alarming. Human interaction error control

Simatic S7-300
Sinamics S120
Sinamics G120
Simoreg DC-Master
Simatic MP-377
Pilz PNOZmulti M1P

MEXICO

Induction heating

Induction furnace for steel bar and wire processing

Simatic S7-300
Simatic MP-277

MEXICO

Peeling machine, two roll straightener

Asystem with motion control for material loading, feeding, peeling, straightening with during run adjustment, testing and sorting. Material tracking and L2 integrated with existing plant system

 Simatic S7-300 TF
Sinamics S120
TIA Portal
Zumbach laser
eWon

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References of Industrial Automation

TAIWAN

Peeling machine

Automated system with motion control for material loading, feeding, peeling with during run adjustment, testing and sorting. Material tracking and L2 integrated with existing

Simatic S7-300 TF
Sinamics S120
TIA Portal
Zumbach laser
eWon

CHINA

Tension Leveler

Steel strip processing with speed up to 320m/min. Automatic strip coil detection, dimension measurements, positioning, loading, introducing, welding, processing (torque and elongation control), cutting and unloading. Continues line run during material loading and unloading

Simatic S7-400
Sinamics S120

INDIA

Grinding Lines

Finishing lines for steel bar fine grinding (0.01mm tolerance). Automatic material introducing and grinding

Simatic S7-300
Simodrive 611
Simatic TP-177

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References of Industrial Automation

USA

Spinner Block (high speed drawing multiple passes)

Automated system with motion control for material loading, feeding, drawing with during run adjustment, testing tubes. Material tracking and L2 integrated.

Rockwell Automation – Allen Bradley PLC
PowerFlex 700
Kinetix servo drive

USA

DDL(Double Drawing line) & SDL (Single Drawing line)

Automated system with motion control for material loading, feeding, drawing with during run adjustment, testing mother big tubes. Material tracking and L2 integrated. Processing (torque and elongation control), cutting and unloading. Continues line run during material loading and unloading.

Rockwell Automation – Allen Bradley PLC
PowerFlex 700/700H
Kinetix servo drive

RUSSIA

Scalping Machine

Cutting lines for steel ingot. Automatic material introducing, transport and cutting.
Dimension L x W x H
7m x 0.6m x 4m
Weight <30t
Simatic S7-300

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References of Industrial Automation

CANADA

Ship loader

Automated system with motion control for material loading, Material tracking and L2 integrated.

Rockwell Automation – Allen Bradley PLC
PowerFlex 700
Kinetix servo drive

USA

Mobile Hopper

Automated system with motion control for material discharging, Material tracking and L2 integrated.

Rockwell Automation – Allen Bradley PLC
PowerFlex 700/700H
Kinetix servo drive

ANGOLA

Combined cabin for painting and drying

Painting lines. Automatic material introducing, transport and paint.
Simatic S7-300

ROMANIA

Test measurement machine

Testing tire lines. Automatic material introducing, transport and test.

Rockwell Automation – Allen Bradley PLC

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References of Industrial Automation

ITALY

APP and Manipulator

Automated system with motion control for material loading, preparing, press tubes, testing tubes. Material tracking and L2 integrated.

Rockwell Automation – Allen Bradley PLC
PowerFlex 700
Kinetix servo drive

GERMANY

Coupling test bench

Automated system with motion control for material loading, testing product. Material tracking and L2 integrated.

Rockwell Automation – Allen Bradley PLC
PowerFlex 700/700H
Kinetix servo drive

GERMANY

Transmission 8HP test bench

Automated system with motion control for material loading, testing product. Material tracking and L2 integrated.

Simatic S7-300

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