

ENGINEERING COMPANY



ABOUT US



Ukrainian engineering company represented on the world market



SIEMENS Certified Partner in Solution Partner status



EPC contractor in the field of automation and power supply of industrial enterprises



Over 15 years of work, more than 600 complex projects have been implemented in various industries



Performs work in the areas of electric drive control, technical safety and telecommunication systems



The company has more than 200 employees



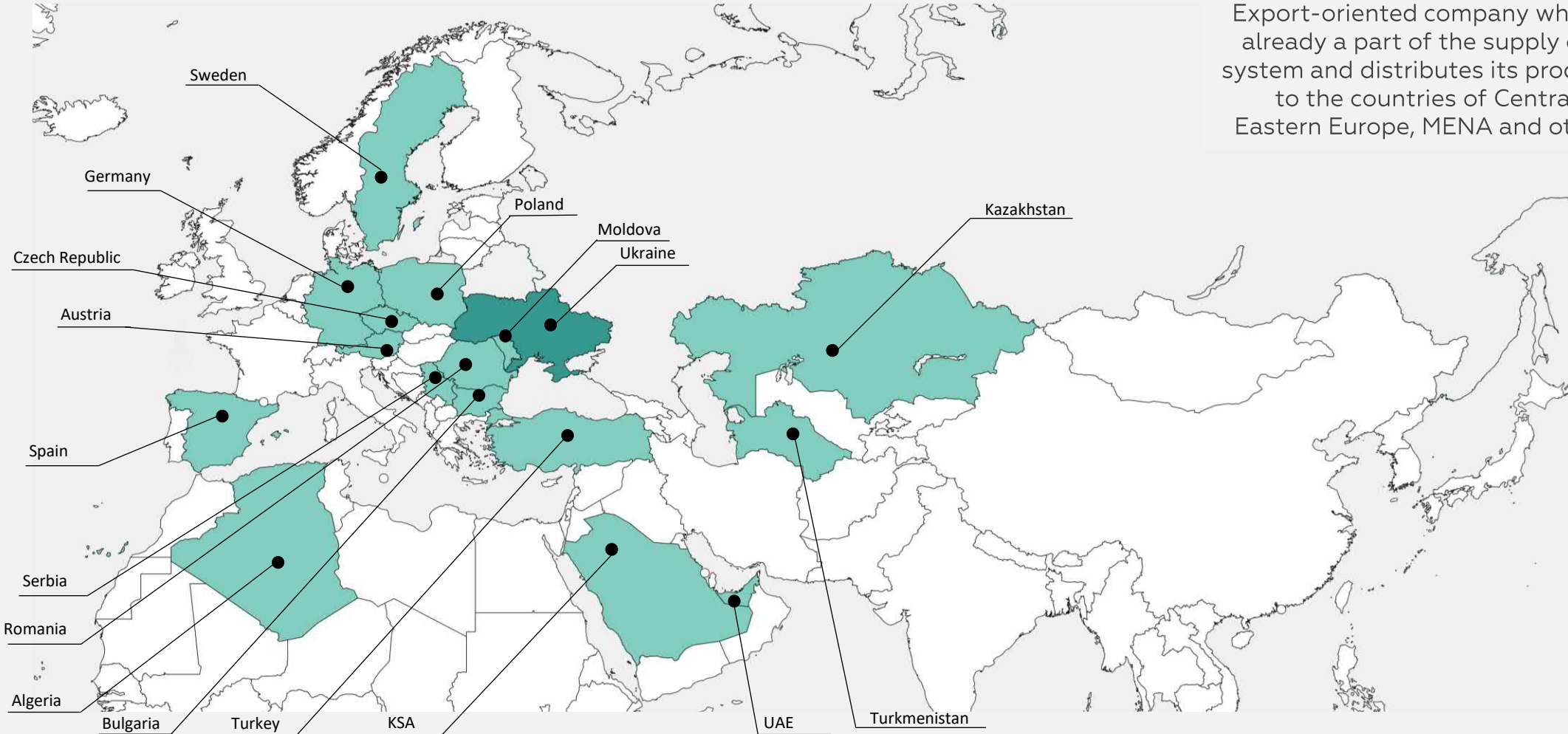
The only licensee of SIEMENS in Ukraine in the status of Technology Partner



The company is a member of the German-Ukrainian Chamber of Industry and Commerce (AHK)

GEOGRAPHY OF IMPLEMENTED PROJECTS

Export-oriented company which is already a part of the supply chain system and distributes its products to the countries of Central and Eastern Europe, MENA and others.



ACTIVITIES



Automated control systems for technological processes



Electric drive systems



Power supply systems up to 110 kV



Technical security systems and telecommunication systems



Service maintenance



Consulting services



Outsourcing

Complex projects of any scope and difficulty:



Development of design documentation



Software development



Testing and quality control by an electrical laboratory



Purchase and delivery of equipment to the customer



Installation of equipment



Commissioning works



Commissioning and training of customer's personnel



Service maintenance

OUR SOLUTIONS

Automated control systems for technological processes

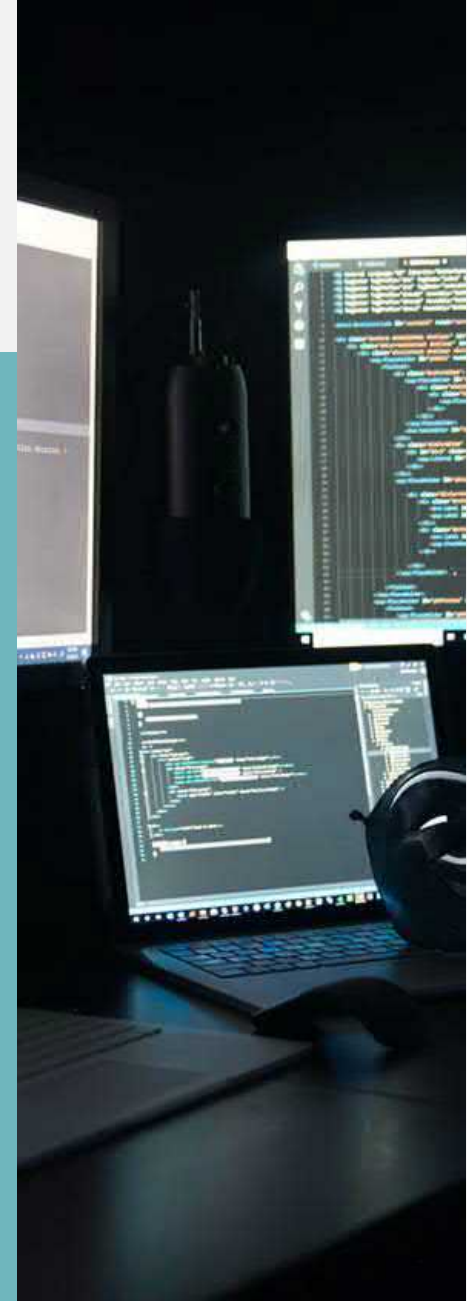
- Field device level (instrumentation and actuators)
- PLC level, AC and DC drives
- SCADA level of visualization and process control systems, standard control algorithms
- Expert systems level, non-standard control and regulation algorithms
- Analytical information systems level
- Control of AC and DC electric drives

Power supply systems

- Integrated power supply systems up to 110kV
- Modular and capital step-down / step-up substations 0.4kV - 150kV
- Manufacturing of complete switchgears: - voltage up to 1000V and for currents up to 7000A - voltage up to 6-17.5 kV and for currents up to 3600A
- Cable and overhead transmission lines 0.4 - 150kV
- Dispatching systems
- Power distribution and power management of electrical consumers
- Electrical heating of pipelines and tanks
- Indoor and outdoor lighting
- Grounding and lightning protection

Process safety systems

- Fire alarm
- Firefighting
- CCTV
- Evacuation alert
- Access control
- Telephony, information data transmission
- Structured cabling systems



COMPETITIVE ADVANTAGES



Full production cycle



Maximum depth of added value formation



Localization of technologies from world leaders in the industry (franchises)



Formed production system of the company:

- well-established business processes of the enterprise
- multi-level training of employees
- high-tech equipment
- an implemented product quality control system, etc.



Compliance of products with international standards



Modern software:

- Wrike
- EPLAN
- AutoCAD
- Pipedrive
- SAP
- etc.



Owned innovative solutions



Weighted pricing policy



The total area of the plant is 7500 sq. M.

PRODUCTION COMPLEX



Production of metal
structures



Copper and
aluminum busbar
production



Production of
switchboard
equipment



Testing laboratory

OWN TECHNOLOGIES

SENUMAC

Automation technology: SENUMAC

Unique technology for the automatically controlled loading of the flow-transport line for the bulk materials. This technology has already been embedded within almost every sea terminal of the Ukrainian Black Sea shore. SENUMAC is artificial intelligence in terminal management. In a unit of time, the system considers several options for the development of events and selects the optimal load mode.



Power supply technologies: SELAM

Low-voltage switchgear for unified and simple distribution of energy up to 5000A in civil and industrial construction, as well as in industries with continuous technological processes. Low-voltage switchboards SELAM are designed for the reception and distribution of three-phase alternating current electrical energy with voltage up to 1000V of industrial frequency. It is a turnkey solution for industrial, residential, utility, and public projects.



Power supply technologies: OBERON

Medium voltage complete switchgear is designed to receive and distribute electrical energy of a three-phase current of industrial frequency 50 and 60 Hz with a voltage of 6-10 kV for currents up to 3150A. The latest developments, flexible modular solutions, along with standard solutions, are used to develop the OBERON switchgear. Due to the wide range of withdrawable switchgear designs, OBERON are used in power supply and distribution systems in power plants and industries.

SIEMENS TECHNOLOGIES



SIVACON – universal low-voltage power distribution systems for civil and industrial buildings for currents up to 7000A. Modular technology, adaptable to any requirement, solutions with small pull-out modules for motor control centers.



SIMOPRIME – medium voltage switchgear with air and vacuum circuit breakers for maximum operating voltage 6-17.5 kV. S-Engineering is the only Siemens licensee in Ukraine with the status of a Technology partner. The license allows to carry out a complete production cycle of medium voltage switchgear using Simoprime technology.

FOOD INDUSTRY



COFCO Agri (China)

Sea grain terminal, 2.5 million tons / year.
Turnkey automation and power supply.
Implementation of the SENUMAC
transshipment optimization technology.



Posco International (South Korea)

Sea grain terminal, 2 million tons / year.
Turnkey automation and power supply.
Implementation of the SENUMAC
transshipment optimization technology.



Bunge (USA)

Oil extraction plant, linear elevator, grain
terminal. Automation and power supply.
Implementation of the SENUMAC
transshipment optimization technology.



Cargill (USA)

Oil extraction plant, linear elevators, marine
grain terminal. Automation and power
supply.



RISOIL S.A. (Switzerland)

Sea grain terminal, 5 million tons / year.
Turnkey automation, power supply.



OEP «Protein Invest» (Ukraine)

Oil extraction plant. Turnkey automation and
power supply.

FOOD INDUSTRY



Kernel (Ukraine)

Linear elevators (5 elevators), biomass TPP (3 plants). Automation and power supply.



Mondelez International (USA)

Confectionery factory. Automation, power supply, technological equipment.



PepsiCo «Sandora»

Power supply



Novotech Terminal (Ukraine)

Sea grain terminal, 3 million tons / year. Turnkey automation and power supply. Implementation of the SENUMAC transshipment optimization technology.



Al Ghurair Resources (UAE)

Oil extraction plant. Power supply and automation



Transoil Group (Moldova)

Oil extraction plant, oil press plant. Automation and power supply.



ADM (USA)

Oil extraction plant, sea grain terminal. Automation and power supply.



ATK (Ukraine)

Oil extraction plant. Power supply and automation.



Delta Wilmar (Ukraine)

Oil extraction plant. Automation and power supply



«AB INBEV» (Belgium)

Breweries (8 plants). Automation and power supply.



Roshen (Ukraine)

Linear elevator. Automation.



Danone (France)

Dairy plant. Power supply.



Coca-Cola (USA)

Plant for the production of carbonated drinks. Automation.



Nemiroff (Ukraine)

Distillery. Automation.



Potoky (Ukraine)

Biomass TPP. Power supply.

OIL AND GAS



ENOC (UAE)

Drilling rigs, offshore oil terminal. Power supply.



ENI (Italy)

Drilling rigs. Primary oil refinery. Power supply.



Ukrtransgaz JSC (Ukraine)

Compressor stations. Gas pumping units. Power supply.



Sumy NPO JSC (Ukraine)

Compressor stations. Power supply.



Lukoil Odesa Refinery (Ukraine)

Oil refineries (2 plants). Power supply.



LINIK PJSC - Lisichansk Refinery (Ukraine)

Refinery. Electric heating.



Turkmenneft SC (Turkmenistan)

Refinery. Drilling rigs. Power supply and automation.



Ukrtatnafta PJSC (Ukraine)

Refinery. Power supply.



Ukrigasvydobuvannya (Ukraine)

Power supply



Smart Energy Sviridovske field (Ukraine)

Control and visualization system of gas production

INDUSTRY



Siemens AG (Germany)

Mechanical engineering. Power supply, engineering.



Northvolt (Sweden)

Factory for the production of batteries. Automation.



Poltava Mining (Ukraine)

Mining and processing plant. Power supply, automation.



Banknote-mint NBU (Ukraine)

Factory for the production of banknote paper. Automation.



Kyiv CPM (Ukraine)

Cardboard and paper mill. Automation and power supply.



Weidmann (Switzerland)

Paper mill. Automation, electric drive and power supply.



Ilyich Iron and Steel Works (Ukraine)

Iron and Steel Works. Electric drive.



Azovstal Iron & Steel Works (Ukraine)

Iron and Steel Works. Automation.



Interpipe Niko Tube (Ukraine)

Pipe production. Automation.



Ravago (Turkey)

Plastic production plant. Automation.



Global (Czech Republic)

System integrator. Power supply.



Elsta (Poland)

System integrator. Power supply.



Odessa Cement Plant (Ukraine)

Automation and power supply

ENERGY INDUSTRY



DTEK (Kurakhovsk TPP, Zuevsk TPP, Lugansk TPP) (Ukraine)

Power plants. Power supply and electric drive.



Energoatom (Ukraine)

Nuclear power plants. Power supply.



Ukrenergo (Ukraine)

Power supply.



Kyiv Energy Construction Company (Ukraine)

EPC contractor. Power supply.



Soyuz Corporation (Ukraine)

EPC contractor. Power supply.

CHEMICAL INDUSTRY



Ukrhimtransammiak (Ukraine)

Ammonia pipeline operator. Automation.



Odessa Port Plant (Ukraine)

Urea production. Power supply and automation.



Logoplast (Portugal)

Plastic production. Power supply.



Biocheminvest (Ukraine)

Glycerin production. Automation.

INFRASTRUCTURE



Kazakhstan Railways (Kazakhstan)

Power supply



International airport "Lviv" (Ukraine)

Automation



International airport "Donetsk" (Ukraine)

Power supply



TIS-ORE and TIS-COAL (Ukraine)

Marine ore and coal terminals. Power supply.



State Enterprise "Ilyichevsk Commercial Sea Port" (Ukraine)

Power supply



Airport "Turkmenabat" (Turkmenistan)

Power supply

CIVIL ENGINEERING



BUIG CONSTRUCTION (France)

EPC contractor. Automation, power supply and technical safety.



State Enterprise "Ilyichevskvodokanal" (Ukraine)

Automation



Shopping center "Victory Gardens" (Ukraine)

Automation



Stadium "Chernomorets" (Ukraine)

Power supply



Shopping center "Panorama" (Ukraine)

Power supply



Recreation and Sports Center "Maristella residence club" (Ukraine)

Automation



Business Center "Pushkinsky" (Ukraine)

Automation and technical safety



Hotel complex "Black Sea- Bugaz" (Ukraine)

Automation



Residence "Crimean Breeze" (Ukraine)

Automation, power supply and technical safety

MAIN LICENSES AND CERTIFICATES



- Certificate ISO 9001:2015 "Quality Management System"
- ISO 14001:2015 Environmental Management System Certificate
- ISO 45001:2018 Occupational Health and Safety Management System
- ISO 50001:2011 Energy Management System Certificate
- License of the State Architectural and Construction Inspection (Series AE No. 262193 dated 01.07.13)
- License of the State Department of Fire Safety of the Ministry of Emergency Situations of Ukraine (Series AE No. 184201 of 27.12.12)
- Permit to start high-risk work (No. 500.13.51 dated 15.06.13)
- Siemens Certificate "System Integrator"
- Certificate for the design and manufacture of complete low-voltage switchgears for currents up to 7400A, manufactured using SIEMENS SIVACON technology
- Certificate for the production of 6-10 kV medium voltage switchgears for currents up to 3600A using SIEMENS SIMOPRIME technology
- SIEMENS SOLUTION PARTNER AUTOMATION certificate

SCIENTIFIC APPROACH IN PRODUCTION



S-Engineering is an example of a unified ecosystem, close connection between business and science.



7 employees of the company have PhD degrees in technical and economic sciences.



S-Engineering has created an innovative laboratory for digital automation and electric drive technologies in ONAFT.



Internship program has been developed for students of engineering specialties of universities, at the S-Engineering plant.



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