CATALOGUE

OF "GEOINFORMATION CONTROL SYSTEMS" HOLDING

“GEOINFORMATION CONTROL SYSTEMS" HOLDING

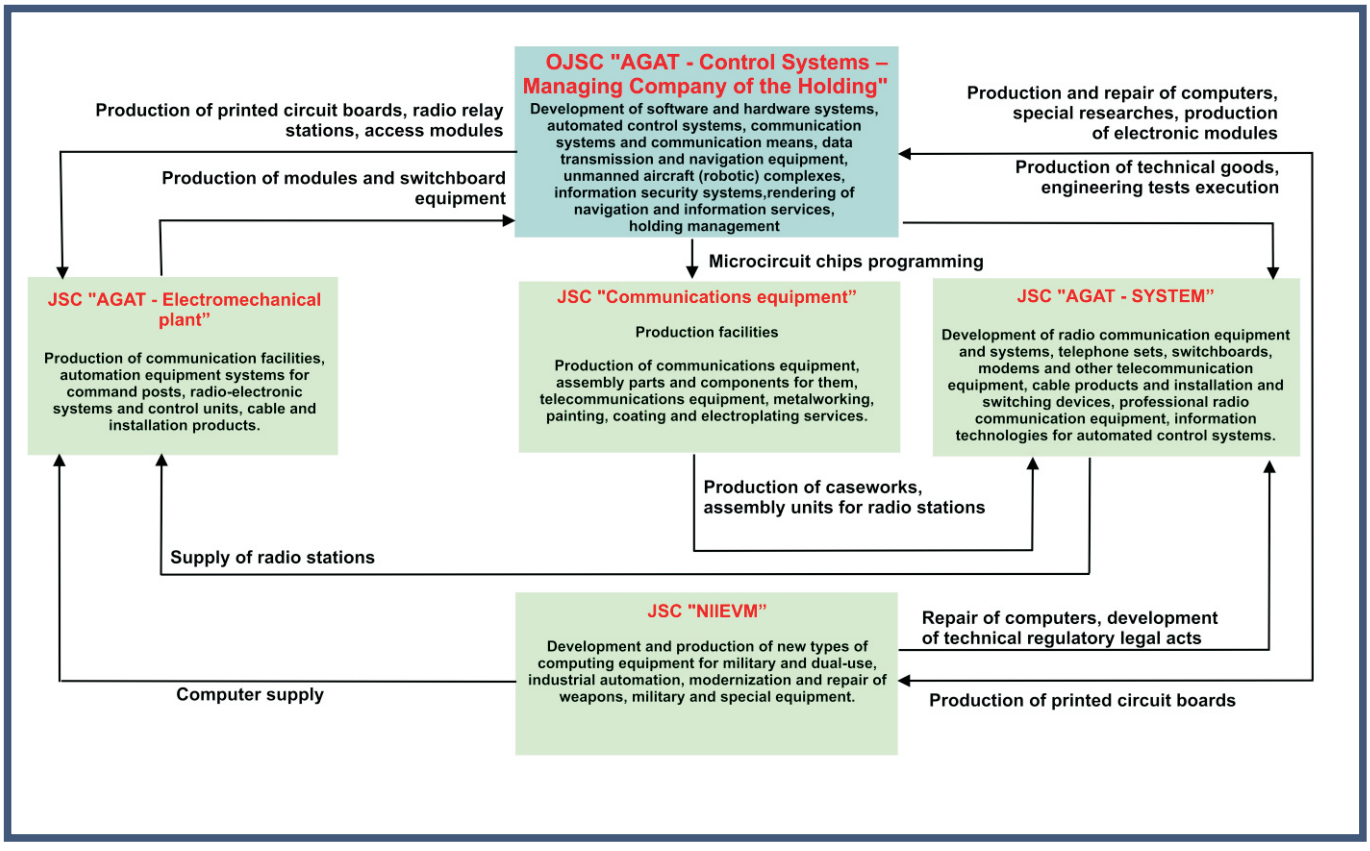
"Geoinformation Control Systems" Holding has been established to coordinate development and implementation of automated command and control systems, other military and general-purpose projects according to Charters of its managing company and the allied companies and based on latest scientific and technical advances and innovation technologies.

"Geoinformation Control Systems" Holding is one of the largest companies of the State Authority for Military and Industry of the Republic of Belarus.

The Holding's structure includes organizations which have their own long-standing history and specialization, unique technologies and developments.
The advanced technologies developed in the interest of weapon systems find their application in the creation of innovative products for national economy purposes.

The Holding combines the complete cycle of work - from development to serial production. The quality management system is certified for compliance with the requirements of ISO 9001-2015 (Standards of the Republic of Belarus).

HOLDING'S STRUCTURE



OJSC "AGAT - Control Systems" - Managing Company of "Geoinformation Control Systems Holding"

OJSC "AGAT - Control Systems" traces its history back to the Research Institute of Automation Facilities (Unitary Enterprise "NIISA") established in 1969.

In 2011 UE "NIISA" was reorganized into the open joint-stock company "AGAT - Control Systems", that was later renamed into the Open Joint-Stock Company "AGAT - Control Systems - Managing Company of Geoinformation Control Systems Holding".

OJSC "AGAT - Control Systems" is managing Company of the Holding and one of the leading research institution in the Republic of Belarus engaged in integrated system research of issues related to the management of global facilities and the practical implementation of such control systems. In the process of its growth, the Company has passed all the stages of development and application of radio-electronic equipment: from relays and lamps to modern microelectronics, has created four generations of tools and control systems.

The Company's main activities:

products for defense (combat geo-information, including robotic, control systems of all levels of command for the Armed Forces);

dual-use products (systems and means of power supplies, industrial computers, navigation and video surveillance systems);

products of industrial and technical purposes (automated control system for transport, for technological processes at power facilities and for industrial enterprises);

automated information systems for government bodies;

products and services in the sphere of information security.

Currently, about 20 countries are using military goods of OJSC "AGAT - Control Systems" - Managing Company of "Geoinformation Control Systems Holding".

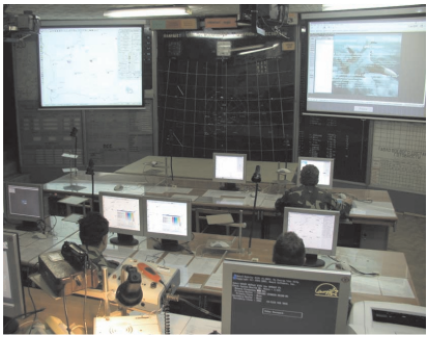
Dozens of modern simulating centers have been created by the company, an automated system of end-to-end design and engineering has been introduced.

Implemented CAD / CAM / CAE / PDM systems allow, using single databases and electronic archives, to perform solid design and three-dimensional modeling of constructions, to perform power, thermal and static analysis and optimization of constructions, to produce virtual tests of electronic models, to design tooling and develop technological processes, to generate design-engineering documentation, to manage projects and electronic technical documentation.

The company has its own production and testing facilities with modern technological equipment that ensures the manufacture of production prototypes and serial products.

The company is licensed to conduct foreign trade activities in relation to special goods (work and services), and it holds other licenses and certificates, as well as valid patents of the Republic of Belarus, the Russian Federation and the Eurasian Patent Organization.

AUTOMATED CONTROL SYSTEMS OF AIR FORCES / AIR DEFENSE



Automation of control processes of subordinate assets of operational and operational-tactical units of Air Forces and Air Defense Forces during operation planning, air patrol and combat actions.

AIR AND GROUND ROBOTIC SYSTEMS

"Grif-100" unmanned aerial system

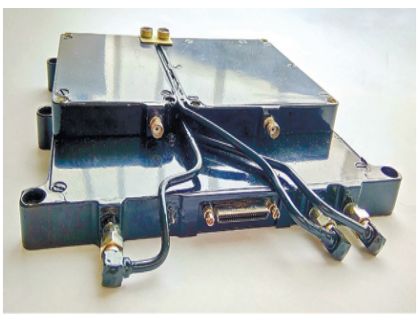
"Grif-100" system is used to perform air optical - electronic and radiation reconnaissance of the terrain, electronic countermeasures, detection of emergencies and their estimation.

"Berkut-1", "Berkut-2", "Berkut-3" short-range unmanned aerial systems

Equipment of tactical units of land forces and special operation forces to solve tasks on optical and electronic terrain reconnaissance in all weather conditions and at day and night time, assigning targets to fire units.

Mobile robotic system

The system is designed to carry out remote engineering and pioneering tasks using the manipulator and detachable equipment (payloads), visual and audio-visual reconnaissance, detect adverse factors and radiation in the environment, transportation of cargo.



Radio system RS-50

Providing data transfer from UAV to the ground control post (GCP) in half duplex operating mode in L frequency range, data transfer from UAV to the ground control post (GCP) and to the ground terminal (GT) in simplex operating mode in S frequency range.

COMMUNICATION SYSTEMS

Mobile radio relay station on the fast-developed platform

Organization of the radio relay and cable (copper-cable and fiber optic) communication links, wireless broadband access zone and radio networks of DMR standard in the composition of the field supporting communication centers, communication centers for the Armed Forces control posts, as well as to ensure their referencing, including to the public telecommunication network.

Mobile radio relay station

Organization of the radio relay and cable (copper-cable and fiber optic) digital communication channels in the composition of the field supporting communication centers of the field reference communication network of the Armed Forces.

Mobile tropospheric communication station

Provision of the trunk digital tropospheric communication lines and ensuring the operation of digital communication lines in the field reference communication network of the Armed Forces, organization of the direct communication links between the communication centers of mobile control posts in the operational, operational-strategic and strategic control units.

Combined radio station

Organization of open and confidential telephone communication, data transmission via HF and VHF radio channels, mobile operator network, satellite communication station in motion and at the halt at the operational and operational-strategic control levels.

Communication station for tactical control level

Organization of the communication during conduction of combat actions of different types, execution of the peacetime tasks and emergency responses at a tactical control level.

LINEUP OF SATELLITE COMMUNICATION STATIONS

Mobile satellite communication center

Ensure the automated satellite communications via the space communications and broadcasting devices for civilian purposes located in the geostationary orbit including high-potential spacecraft of a broadband satellite communication network in Ku-band and C-band frequencies by providing of a digital high-speed link as well as military spacecrafts with the setup of antijamming satellite communications for various control links in C-band.

Mobile satellite communication terminal station

Provide automated satellite communications via spacecrafts (hereinafter referred to as SC) for communication and broadcasting of civilian purposes located in the geostationary orbit, including foremost SCs of a broadband satellite communication network in Ku-band and C-band frequency for the setup of a digital high bit rate link, as well as a military SC for antijamming satellite communications of various control links in C-band, for the setup of fiber-optic and wired communication lines and deployment of data transmission networks.

Automobile satellite communication terminal station

Ensure automated satellite communications via a spacecraft (hereinafter referred to as a Spacecraft) for civilian communication and broadcasting which is located in the geostationary orbit, including a forward spacecraft of the broadband satellite communication network in Ku-band and C-band frequency by providing of a digital high-speed link as well as a military SC with the setup of the antijamming satellite communications for various control links in C-band.

Portable satellite terminal station

Ensure the automated satellite communications via civil/military communications and broadcasting spacecrafts located in the geostationary orbit including potential spacecrafts of the broadband satellite communications network in C-band and Ku-band frequency with the setup of antijamming for various control links.

AUTOMATED CONTROL SYSTEMS OF ARMY INCLUDING MISSILE TROOPS AND ARTILLERY

Automated command and control system of MLRS B-200 reconnaissance and strike system

Provision control over the unit of Multiple Launch Rocket System B-200 at the battery-battalion level, both during preparation and combat actions.

Reconnaissance-fire weapon module

Conduct of special and reconnaissance operations (including operations on urbanized terrain).

Portable system of automated gunfire control

Automated control of preparation and combat operations of the artillery battery (rocket artillery battery, mortar battery).

Automated command post of EW unit

Automation of the main control processes of unit assets during execution of combat (combat training) tasks at the halt.

DUAL-PURPOSE PRODUCTS

BK402-series onboard computer

The BK402-series computer is designed for use both in stationary premises and in enclosed bodies on wheeled and tracked vehicles (including operation on the move).

MODERNIZATION OF WEAPONS AND MILITARY EQUIPMENT

P-18 radar modernization

Improving technical characteristics, using digital signal processing algorithms and using modern components.

Modernization of artillery arm fire control system

Replacement of outdated PCs, data transmission equipment, radio stations, telephones, diesel electric heaters. Equipping with modern means of communication and navigation, artillery devices.

SEVICES OF CYBERSECURITY CENTER

Information security audit

It allows you to conduct analysis of the existing policies, procedures of information security for their completeness and effectiveness, analysis of the risks related to cyber threats.

Penetration testing

It is conducted to assess real capability of the information security system to counter intruders and further reasoning of the activities to provide information security. Penetration test is a required step in conducting risk analysis in many companies. It is always relevant when commissioning new systems or after changes in the IT-infrastructure.

Monitoring and incident response

The monitoring makes it possible to collect and analyze the data on current state of the objects' information systems and its changes, detect, prevent and eliminate the consequence of cyber threats directed at the controlled information resources, promptly respond to information security incidents. The main task of monitoring is a mitigation of cyber threats risks.

Development and implementation of ISMS

The establishment of an information security management system is necessary for fulfillment by organizations of the requirements of laws and regulations of the Republic of Belarus in the sphere of IT critical assets security, setting up and supporting of IT critical assets operation, bringing of the processes and procedures of information security of the company into compliance with the requirements, statements and recommendations of technical laws and regulations in the sphere of technical regulation and standardization.

Automated control systems of power energy objects

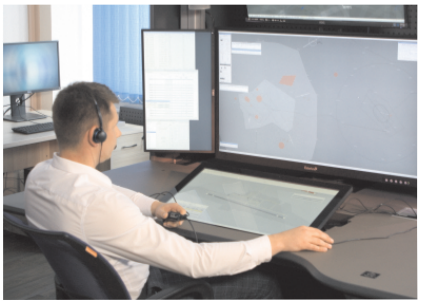
Energy-conservative system solutions and technologies, home equipment for power and production facilities.

Automated traffic control system

The system performs continuous monitoring of traffic flow parameters in the city road network with the help of multiple vehicle detectors of all types.

Automated control systems of classification yards

Automated management of the car traffic volume at classification yards, organization of freight operation.



Automated control systems and equipment for air traffic management

Automation of air traffic management in the local control unit zones, approach, circuit, start and taxiing of the aerodrome.
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Integrated automated information systems for government bodies

Products and services of information security

Video surveillance safety systems

Information and methodological support of the Unified System of navigation and temporary support of the Republic of Belarus, services in the navigation activity sphere

OJSC “Research Institute of Electronic Computers” (NIIEVM)

By the Decree of the Central Committee and the Council of Ministers of BSSR №749-55CC in execution of the Resolution of the CPSU Central Committee and the Council of Ministers of the USSR of 06.10.1958 No. 1121-541 the Special Design Bureau was created at the Minsk computer factory on November 15, 1958.
It was unbundled into autonomous research establishment in 1964; since 1972 - registered as the Research Institute of Electronic Computers ("NIIEVM"), since 1996 - registered as National Enterprise Research Institute of Electronic Computers (SE "NIIEVM").

In accordance with the order of the Ministry of Industry of the Republic of Belarus of 07.06.2000 №163 "On bringing the Charter of the State enterprise "Research Institute of Electronic Computers" in accordance with the current legislation", Research Republican Unitary Enterprise "NIIEVM" is the legal successor of all property and non-property rights and obligations of the State Enterprise "Research Institute of Electronic Computers".

By the decision of the Minsk City Executive Committee of 30.06.2000 №733 Research Republican Unitary Enterprise "NIIEVM" (UE "NIIEVM") was registered in the Unified State Register of Legal Entities with the №100219724; by the Decree of the President of the Republic of Belarus of 30.12.2003 №597 "On some issues of the State military-industrial Committee of the Republic of Belarus" it was transferred from the Ministry of Industry of the Republic of Belarus to the State Military and Industrial Committee of the Republic of Belarus (Goskomvoenprom).

In accordance with the order of the Minsk City Territorial Fund of State Property of 20.12.2008 №153 "On the establishment of a public company in the process of privatization of the republican property Research Republican Unitary Enterprise "NIIEVM", Minsk City Executive Committee registered Open Joint-Stock Company "Research Institute of Electronic Computers" in the Unified State Register of Legal Entities and Individual Entrepreneurs with the №100219724 on 16.01.2009. The Open Joint-Stock Company is the successor of the rights and obligations of the UE "NIIEVM".

Full service ECM of different kind designed to operate in harsh environment, as well as protect information from unauthorized intrusion and leakage by means of side electromagnetic radiation and magnetic pickups

Personal Computer BM2015.M2 (M3)

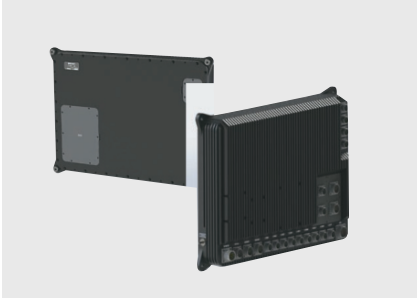
It is a full-featured personal ECM with liquid crystal screen of 15 (17) inches. The PECM is intended for use in data processing systems where it is required to provide fetch protection for PECM data and resources , and prevention of data leakage due to side electromagnetic radiation and interference (TEMPEST).

Tablet personal computer VM2307.M1

It tablet personal computer is a full-featured personal ECM with 10“ touch screen and eight function keys. The TPC is intended for use in data processing systems, has integrated means of land navigation.

VM 2431 specialized electronic computing machine

Specialized electronic computing machine is a special-purpose panel ECM with fastening to horizontal and vertical surfaces and intended for use in data processing systems on stationary and mobile objects with severe operating conditions.



VM2411.M1 specialized electronic computing machine

Specialized electronic computing machine is a special-purpose system unit with fastening to horizontal and vertical surfaces and intended for use in data processing systems on stationary and mobile objects with severe operating conditions.

LOW-NOISE HIGH-FREQUENCY TRANSISTOR AMPLIFIERS (LHTA)

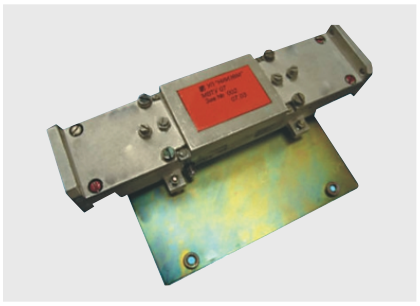
Devices for microwave signals enhancement intended to replace morally and physically outdated traveling wave tubes.

LHTA 0.1.M1

It is designed to replace worn out and outdated UV-74G(I) traveling wave tubes in P-37 Radar.

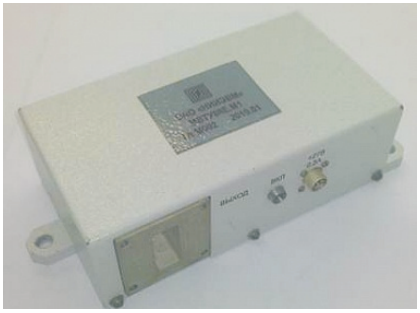
LHTA 75G

Modules of MVTU75G, MVTU75G.01 lownoise high-frequency transistor amplifiers are designed to replace worn out and outdated UV-75G traveling wave tubes in “Osa” ADMS, “Kub” ADMS, MR-123.



LHTA 07M1

It is designed to replace worn out and outdated UT-7 traveling wave tubes in 5N66M Radar (S-300 ADMS).



LHTA88E.M1

It is designed to replace worn out and outdated UV-88E traveling wave tubes in “Buk” ADMS.

Specialized adaptor jacks for computing machinery with radar equipment, devices of digital processing in the format VITA-46, devices for recording and reading data from contactless smart cards, information storages.

Contactless smart card encoding machine (AK-BSK)

AK-BSK is designed to perform secondary personalization and coding of contactless smart cards "Mifare Classic".

VMT-010 interface converter

Interface converter VMT-010 provides interface of communication equipment with a computer via RS232 and C1-FL interfaces.

UZS-BSK (contactless smart card reader)

The main purpose is writing and reading data from contactless smart cards such as Mifare Classic 1K (4K) or Mifare Ultralight, as well as loading three sets of access keys to contactless smart cards.

Portable device for monitoring contactless smart cards (PK-BSK-03)

PK-BSK-03 is designed for checking travel tickets based on contactless smart cards in passenger transport.

Improvement of combat and performance characteristics of military equipment through the use of modern element base, as well as digital methods of information processing.

Modernization of the Kolchuga passive electronic intelligence station

Automation of the process of conducting electronic intelligence, increasing the reliability and improving the operational characteristics of the complex.

Modernization of the command and staff vehicle "Bereza”

Improving the effectiveness of fire control of an artillery battalion.

PRV-16 modernization to the level of PRV-16BM.03

The purpose of modernization of PRV-16 radio altimeter is to improve its tactical, technical and performance characteristics due to the use of modern element base, as well as digital methods for processing of radar data.

PRODUCTS OF INDUSTRIAL AND TECHNICAL PURPOSES

Power supplies

Multichannel, no-brake power supply facilities, frequency inverter (voltage).

Turngates

Devices designed to restrict the passage of people when it is necessary to check the right of entry and exit for each passing one.

OJSC "AGAT-SYSTEM"

35 years of successful activities in the market of automation and information technologies, more than 250 scientific and industrial employees and modern manufacturing base allow developing and manufacturing innovative products.

The certificate proved that the quality management system at the Company meets the requirements of STB ISO 9001-2001 is confirmation of the high quality of works and services performed by JSC "AGAT-SYSTEM".

MAIN ACTIVITIES

Design, development and batch manufacturing of radio communication systems and equipment.

Conduction of research and development works in creation of automated information and control systems.

Development and batch manufacturing of hardware and security systems.

Development of general and special purpose software.

Research and development activities upon development and implementation of automated process control systems.

SIGNIFICANT PROJECTS

In the area of radio communication systems and equipment:

- "Sirius" system of radio communications hardware for the benefit of Law enforcement agencies and other authorities.
- Design and deployment of APCO 25 trunking communication system.
- Development and batch manufacturing of a line of digital video broadcasting transmitters.

In the area of information technologies:

- Unified software and hardware system for issuing driver's licenses and certificates of registration of vehicles of State Motor Vehicle Inspectorate of the Ministry of Internal Affairs of the Republic of Belarus.
- "Passport" automated information system of the Ministry of Internal Affairs of the Republic of Belarus.
- "Respublika" information system of the National Assembly of the Republic of Belarus.
- Information system of the National Library of the Republic of Belarus.

In the area of security tools and systems:

- Integrated security system of "Kolyadichi" power substation.
- Access control system of the National Library of the Republic of Belarus (the development was awarded with a diploma in the nomination of "The best product in the area of access control systems" at "Man and Security - 2006" exhibition.
- Development of security alarm system for the benefit of Security Services Department of the Ministry of Internal Affairs of the Republic of Belarus.

COMMUNICATION SYSTEMS

P-185 command and control vehicle

It is designed to automate management processes and provide communications on the tactical command level when quartering, on the move or during water obstacles crossing, both independently and being integrated in communication centers. It can also be used in other units of command level at front-line control centers and communication nodes or centers to provide communications for the benefit of military formations command in accordance with the tactics adopted by the armed services branch.

RADIO COMMUNICATION EQUIPMENT

Program-identified VHF radio R-188

It is a software-defined VHF radio, designed to exchange open and protected technical masking of voice information and data with increased secrecy of operation in the range from 30 MHz to 108 Mhz.

R-181-5NK manpack SW band radio

It is a multimode radio with software defined radio (SDR) architecture which is designed to build up a radio subsystem for tactic control level as well as to exchange analog and digital information in all weather conditions.

R-181 mobile SW and VHF band radio

It is designed to ensure open, masked and secured (using external CAC sys-tems - coded automatic communication) radio communication between mobile and fixed objects in tactic control level to be installed in armored and unarmored wheeled vehicles, under severe operating conditions featuring increased noise immunity and security of operation with radio sets compatible in frequency range, modulation formats and operating modes.

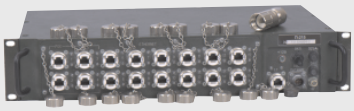
R-183 mobile SW band radio

It is a multimode radio with software defined radio (SDR) architecture which is designed to build up adaptive and nonadaptive ECM-protected networks and directions of SW band radio communication in strategic, operation-strategic, operation and operation-tactical command levels.

WIRED COMMUNICATION EQUIPMENT

TA-10,TA-11 IP-phone sets

Sets are designed for voice and data transmission over IP-networks and automatic telephone networks. It is intended for operation in stationary objects and on the base of wheeled chassis in harsh operating conditions.



P-215 switch

It is designed to provide packet switching when data is exchanged between automated workstations and combining them into a local computer network.

P-195 switch

It is designed for organizing telephone communications in the field using analog telephones, as well as transferring voice information digitally over IP networks (IP-telephony) using SHDSL and Ethernet technologies (IP-organization of hybrid voice networks).

R-184 internal communication and switching equipment

R-184 internal communication and switching equipment is a hardware-software complex designed to provide workplaces with internal voice communication in mobile objects between crew members and external voice communication between each crew member workstation and other subscribers through external channels of wired and object radio communication.

PU-3 intercommunication system

It is designed to provide worksites with internal voice communication in mobile objects between crew members and external voice communication with the commander's workplace through the external radio communication channel of the object.

P-195 switch

It is designed for organizing telephone communications in the field using analog telephones, as well as transferring voice information digitally over IP networks (IP-telephony) using SHDSL and Ethernet technologies (IP-organization of hybrid voice networks).

Digital video transmitters AGAT-1000

The transmitters are made with the usage of modern hardware components, have convenient intuitive functional control interface and have minimal power consumption (highest performance factor). In addition to all the above-mentioned advantages, our transmitters have one more - the price is lower than that of foreign analogues.

Immobility control device

Immobility control device is designed to recognize the state of a person's immobility, classified as a result of loss of consciousness or severe physical damage, using the method of measurement of acceleration, audible warning of this at the required distance, as well as light and sound alarm.

Locomotive terminal GSM-R “AGAT-R801”

The terminal complies with the requirements of international standards ETSI TS 151 010-1, EIRENE. SRS (v.15), FRS (v.7) in its basic parameters, when operating in GSM-R network.

INFORMATION SYSTEMS

State Social Protection Information System (SSPIS)

It includes the solutions of 47 tasks of public social services, interacts with 4 state systems and supplies information for the electronic government of the republic.

OJSC "Communication equipment”

One of the oldest companies of defense sector of the economy of the Republic of Belarus. It specializes in the development and production of analog and digital radio systems in HF and VHF-bands, intended for security forces and branches of economy, telecommunication equipment for wire communication lines, as well as in the production of antenna-mast equipment. Modern technological and construction base, assembly, mechanical assembly and tool production, galvanic plating shop, availability of equipment for plastic casting and pressing equipment facilitate realization of a full cycle of product manufacturing.

Main activity areas:

PRODUCTS:
Radio facilities.
Special equipment for mounting and maintenance of wired communication lines: cabinets and distribution poles, cable boxes, cross equipment (including the equipment using POD technology), cable finders.
Equipment for marking the route of non-metallic under utility engineering communications.
Tactical gear.
Fiberglass products.
Consumer goods and postal equipment.

SERVICES:
Woodworking and packaging services.
Metalworking and coating services.

PRODUCTION OF MOBILE COMPLEXES

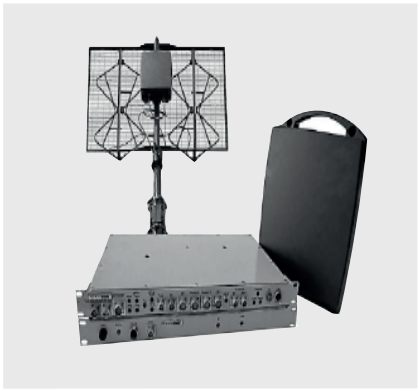
Reconnaissance-fire weapon module

Conduct of special and reconnaissance operations (including operations on urbanized terrain).

PRODUCTION OF COMMUNICATIN MEANS

Digital radio relay station of centimeter waveband R-425

It is intended to build up the backbone radio relay links, redundancy of cable (wire and fiber optic) links, operation in stationary and mobile objects (on a wheeled-type transport base); it does not operate during the movement.



Digital radio relay station of decimeter waveband R-429 MB

It is intended to build up wireless line-of-sight communication links to transmit digital information in the duplex mode, operation in stationary and mobile objects (on a wheeled-type transport base); it does not operate during the movement.

Mobile telecommunication systems in portable containers

It is intended for the run-time deployment and arrangement of the digital radio relay and/or wire communication connection lines of the mobile objects (control centers of securing agencies and other organizations) to stationary or mobile (field-type) communication hubs.

PRODUCTION OF COMMUNICANION MEANS

Digital radio relay station R-427B

It is intended to arrange radio relay lines (networks), connection lines of the field communication hubs to the stationary and field reference communication network of the Armed Forces, and to the telecommunication networks of public use.

Synchronous access multiplexer SMD-A

It is intended for the operation in the network of various purposes as the equipment for digital transmission of the synchronous digital hierarchy. It ensures transmission of signals E1, E3, Ethernet and subscribers' access signals in the structure of synchronous transport modules of STM-1 and STM-4 levels via one fiber-optic cable.

Primary digital multiplexer MPTs-A

Multi-functional channel-forming equipment with data transmission rate 2048 kbps with ability of flexible configuration. It is intended for operation for the urban communication lines as well as in the specified zones and backbone networks.

"Klen" DMR radio station

The "Klen DMR" radio station features an ergonomic design, a full range of digital functions and excellent quality, which improve the management efficiency and allow you to respond quickly in emergencies. Radio station can operate in the formats of position control system GPS / GLONASS, Smart Dispatch system (data transmission, GPS / GLONASS, call systems), DMR network of Tier III level. Areas of application: ensuring public safety, forestry, public utilities, business, transportation (ports, airports, railway stations, etc.), and production.

PRODUCTION OF COMMUNICANION MEANS

Program-identified VHF radio R-188

It is a software-defined VHF radio, designed to exchange open and protected technical masking of voice information and data with increased secrecy of operation in the range from 30 MHz to 108 Mhz.

TA-10 phone set

TA-10 IP-phone set is designed for voice and data transmission via IP-networks and automatic telephone networks. It is intended for operation in stationary objects and on the base of wheeled chassis in severe operating conditions.

TA-11 voice terminal

Providing telephone communications at stationary objects and in the field, both on separate wired lines, and in conjunction with telephone exchanges with automatic and manual switching, as well as for remote control of low and medium power radio stations.

P-195 switch

Organizing telephone communications in the field using analog telephones, as well as transferring voice information digitally over IP networks.

PRODUCTION OF COMMUNICANION MEANS

R-855-A1, R-855-A1-406 radio stations

R-855-A1, R-855-A1-406 radio stations are designed to equip aircraft with the purpose of distress signals transmission in emergency situations at frequencies used in the international space system COSPAS-SARSAT, and providing search and rescue means to the place of the accident..

P-215 switch

Providing packet switching when data is exchanged between automated workstations and combining them into the local area network.

BSHDA antenna

It is intended for installation on the mobile equipment and armored vehicles. It is compatible to different types of R-173M radio stations, “R-181", "R-168"

Optical field cable

Intended for operational and repeated expansion (folding) of temporary intra nodal and main fiber lines of communication, both between mobile nodes (objects), and between mobile and stationary nodes (objects) of communication.

Communication wires field distribution

Intended for expansion of subscriber and intra nodal distribution networks of communication and operation with implementation of repeated laying (removals) both between mobile nodes (objects) of communication, and between mobile and stationary signal centers (objects) in field conditions on the Earth's surface, in the conditions of the suspender in local objects, laying in the earth, on snow.

PRODUCTION OF INDUSTRIAL AND TECHNICAL PRODUCTS

Road controller for the coordinated traffic lights BDKL-2

The control over traffic lights and other technical components installed at the coordinated traffic lights and ensuring road traffic control and safety.

LED traffic lights

The are made with the diameter of the output aperture 300 mm and 200 mm. The traffic lights can operate with all types of the traffic controllers produced in the Republic of Belarus.

PRODUCTION OF CONSUMER GOODS

Tricycle electric ETC-TS-800

The tricycle electric ETC-TS-800 is suitable for use in intra shop logistics of manufacturing enterprises, for the organization of economic works in agriculture, for ensuring activity of recreation facilities, hotels, sanatoria.

MMO series masks

Masks of the MMO series are intended for use in medical rooms of the general profile and provide efficiency of bacterial filtering (bacterial filtration efficiency, BFE) 95-98%.
Masks are made on the automatic transfer line by method of ultrasonic welding.
The product passed bench tests that is confirmed with existence of the registration certificate of the Ministry of Health of Republic of Belarus.

OJSC "Agat - Electromechanical Plant”

The history of Minsk Electromechanical Plant dates back to 1 December 1952, in accordance with the order of the USSR Ministry of Shipbuilding Industry No. 001293 "On the partial commissioning of Plant No. 864".

Main activity area of "Agat - Electro-mechanical Plant" is production of modern military and special equipment for law enforcement agencies: radio relay stations, mobile communication centers, automated mobile command posts of aerial assets, mobile command posts of semistrategic Air Force and Air Defence team control, automated command posts of air defense missile brigade, equipment sets for automation of mobile command posts of a separate radar company, equipped with the latest life support systems, modern systems for receiving and transmitting information, including via fiber optic lines.

The Company also produces certain types of products: electronic modules, optical crosses, power supply systems, satellite measuring units, field termination cabinets, container-type van bodies and other special purpose equipment.

Radio relay stations

Arrangement of radio relay and cable (wire and fiber) digital communication channels of the field reference communication network for the Armed Forces, as well as location lines for communication centers of mobile command posts of the armed forces and the public telecommunication network.

Mobile communication centre

Arrangement of communication at field command posts of the Armed Forces and other command facilities.

Automated mobile command posts of aerial assets

Ensuring the generation of control commands for aerial assets in accordance with the tasks received from the command post of the aviation base or tasks introduced from automated workstations of the product.

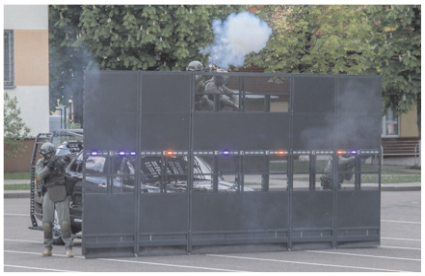
Mobile command posts of semistrategic Air Force and Air Defence team control

Ensuring management process automation for the Air Force and Air Defense units.

MODERNIZATION OF SYSTEMS

Modernization of artillery arm fire control system

Replacement of outdated PCs, data transmission equipment, radio stations, telephones, diesel electric heaters. Equipping with modern means of communication and navigation, artillery devices.

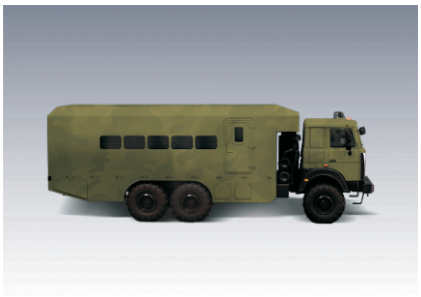


Special vehicle with a barrier-type device "Rubezh”

This product is intended for use as a part of a complex of special tools aimed at prevention, control and suppression of mass riots. It was designed taking into account the wishes of law enforcement agencies.

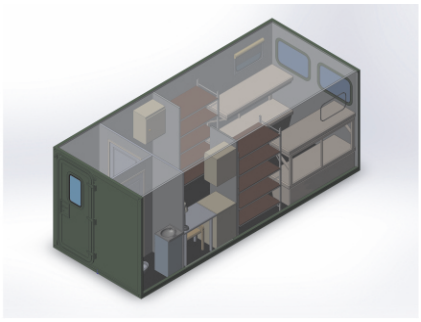
Chemical reconnaissance vehicle "Khimera”

It is was created based on the "Cayman" lightly armoured combat vehicle and intended for maintaining radiation, chemical, nonspecific biological investigation and observation.



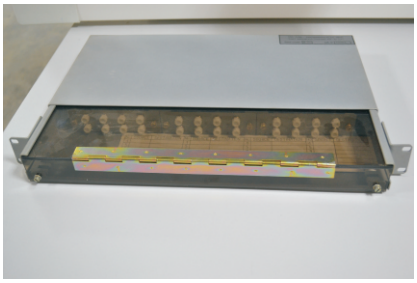
"Dozor" vehicle for transporting personnel

Transportation of personnel to the places of special operations, carrying out combat duty, detachments and guards, as well as ensuring life in places of deployment.



Special purpose containers

Designed to accommodate special equipment and crew both outside and inside. Allows operation in different climatic conditions: areas with a boreal (moderate) climate at an ambient temperature of -40... +50°C.



Field Termination Cabinets
Cabinets for Thermally Controlled Equipment
Loudspeaker Communication Equipment
PSS-60/48U Power Supply System
SNGCU-1 Satellite Navigation Gage Control Unit
Testing Calling Intercommunication Device (TCID)
RODF-1U-24FC Rack Optical Distribution Frame
Shock-mount
Metal Cable Reel
Servo Units

Hardware system of passive onboard monitoring, switching and alerting.

Electronic control systems, gear shift control panel.

Switching unit for mechanized and agricultural equipment - for switching of electronics and electrical facilities of cars, buses, trolleybuses, tractors and agricultural equipment.

Electronic sensors and relay of different application.

Data support system - for visual and sound information support of public surface transport equipment (buses, trolleybuses, trams, electric trains).

Switches, connector plugs.

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