# NATHIONAL INFORMATION SYSTEM GROUP

**HNO HUC**

"National Information Systems" is a group of companies taking leading positions in development and production of:

- secured communications and wireless alerting systems for government and private companies;

- wireless emergency alerting and warning systems based on satellite and terrestrial digital TV standards and VSAT technologies;

- various purpose monitoring systems;

- security systems for urban territories.

KEY COMPETENCIES



- Emergency alerting to civilians and authorities in automatic, semi-automatic and manual modes;

- Emergency situation detecting and reaction script running

- Complex automatic monitoring systems;

- Perimeter security, video monitoring and access control;

- Billing systems;

- Equipment manufacturing for emergency alert population systems ;

- Design, implementation and operations and maintenance of integrated security systems, including the upgrading of existing systems;

- Service and maintenance of equipment;

- Provision of telecommunications services operator.

## Unique technology solutions for:

- State structures;

- Socially important municipal facilities;

- Chemical and oil and gas industry and other potentially dangerous objects;

- Unique technological solutions in the field of population, private companies and for the government structures safety;

- Highly qualified staff with experience in complex projects implementation in cooperation with the Russian Ministry of Emergency Situations;

- Using Russian innovative high-quality equipment;

- The high level of service 24 \ 7;

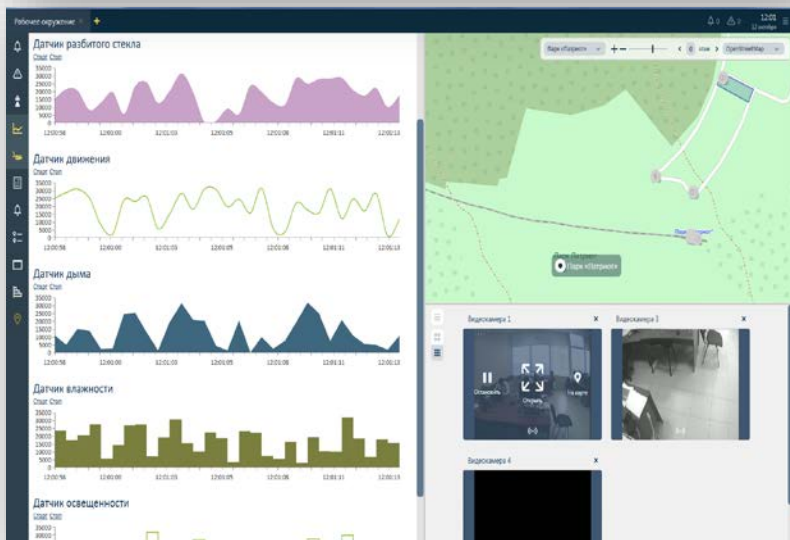- The quality of services provided in accordance with ISO standards.

- Hardware-software complex "Sirena-B" is designed for common integrated enterprise security system. It integrates security systems of the different offices into a enterprise's common security and monitoring system of the enterprise and distant areas and matching it to common control center including matching with state and federal agencies.

- "Sirena-B" runs under Ubuntu Server family of Linux operating system;

- "Sirena-B" allows you to organize the links between enterprise's remote objects and offices to common security control center and state and federal emergency agencies by various communication channels:

  - Satellite communication channels;
  - Digital cable connection;

- Transmitted traffic can be encrypted by modern Russian methods;

- It has access control to information and system functions.

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- Integration of security systems into a common information network;

- Security system functioning analyzing and terminal equipment monitoring;

- Automation of DSA object, decision support system, work on scenarios;

- Monitoring of industrial and natural hazards monitoring systems threats;

- Construction of the complex object security system and alerting system;

- Creating security control center of the enterprise;

- Ability to create mobile security and monitoring control centers;

"SIRENA-B" receives data from connected controllers and sensors to them as well as other equipment and intended for the deployment of security services, monitoring and management.

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## EFFICIENCY

Using satellite communication channels in "Sirena-B" provides data transfer and communication between the control centers and monitoring points in absence of wired communication channels. The system is designed in accordance with the requirements of Russian Civil Defense standard.

## UNINTERRUPTED OPERATION

"Sirena-B" mounted on a mobile control centers provides complete backuping and reliability of the monitoring and coordination to the integrated security system.

## HIGHT AVAILABILLITY AND NONVOLAATILE

- Using independent backup power source in "Sirena-B" increases the reliability of the system and provides continuous monitoring and emergency signal transfer in power blackout.

- High availability, 24/7, 365 days per year.

- Equipment life time is about 12 years.

## RELIABILITY

- "Sirena-B" can be integrated into a regional disaster monitoring and alerting system.
- "Sirena-B" alerting system can be managed by upper level, making alerting the population more operative/

## UNIVERSALITY

- The communications subsystem allows use any digital channels for data transmission.
- Combining security systems of different manufacturers into a common system of monitoring, data managing, storing data, processing and transmission.

- Using Russian satellite group;

- Videoconferencing;

- Organization communications with distant areas (drilling, different potentially dangerous objects and other areas where no another communication signal)

- Modern telecommunications (Internet, long-distance telephony, payphones for camps);

- Construction of data networks for the gas station;

- Back uping communication channels in corporate networks;

- The mobile communication center for monitoring distant locations in emergency situations.

National information system acting as a satellite communications operator, offers an exclusive solution for building a network of satellite communication channels.

The wide range of company services includes integration with billing system own development. Nowadays the billing system serves more than **20 000 000 subscribers**. It is certified in the Ministry of Communications of the Russian Federation.

## Features of the billing system:

- Multicurrency;

- Flexible and efficient management instrumentality of  distribution channels;

- Wide range of supported terminals and payment systems;

- The user and dealer online-offices;

- Compliance with international methodologies for constructing billing systems.

**National information systems group**

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