«ARGUS SPECTRUM»

Argus Spectrum is one of the world's leading manufacturers specializing in the development and production of innovative wireless fire detection and security systems. The company was founded in 1993 by the scientists in experimental physics area of Peter the Great St. Petersburg Polytechnic University.

Argus Spectrum products have a proven record of performance, quality, and reliability with more than 200,000 systems installed worldwide. Among the most significant and high-profile installations being protected by our products are the world-famous Hermitage, the Tretyakov Gallery, Flight control center of Vnukovo airport, «Vostok» station in Antarctica, St. Petersburg Medical Academy. The company employs 350 people. A continuous R&D program is led by a team of 50 highly qualified engineers.

31 years
of successful history

10,000,000
wireless devices sold worldwide

100,000
devices manufactured per month

200,000
installations around the world

Production

The manufacturing **area is 8000 sq.m.** 4 surface mount assembly lines with automatic optical inspection systems consist of robotics from the world's largest manufacturers.

Our laboratory is fully equipped with all the necessary facilities **for fire detection testing**: certified smoke and heat test tunnel, acoustic anechoic chamber, light camera, radio channel, mechanical test rigs

Argus Spectrum has been recognized by and awarded the Toyota Bronze Medal for its Production Management System.

The company operates strict quality management systems in accordance with ISO 9001.

Approvals

TR EAEU 043/2017. Wireless fire system Streletz-PRO fully complies with The Eurasian Economic Union regulations - TR EAEU 043/2017

ARGUSSPECTRUM

STRELETZ PRO

The key product of the company is a WIRELESS fire and security system «Streletz-PRO» providing a high level of comprehensive protection.

- **Fire detection**
- **Notification**
- **Fire suppression & smoke ventilation control**
- **Security alarm**
- **Technical monitoring**
- **Automatic call of rescuers**

Self-healing MESH technology

One of the main features of the system that ensures its high level of reliability and stability is the self-healing MESH technology. All devices automatically choose a parent expander depending on the quality of connection. If an expander is damaged or there is a sudden loss of communication, the detector automatically selects another expander with better communication quality.
This unique technology highly simplifies the design, commissioning and installation of the system.

Advanced technical specifications:

1 200 m
communication range

1920
wireless devices per system

10-year
battery life

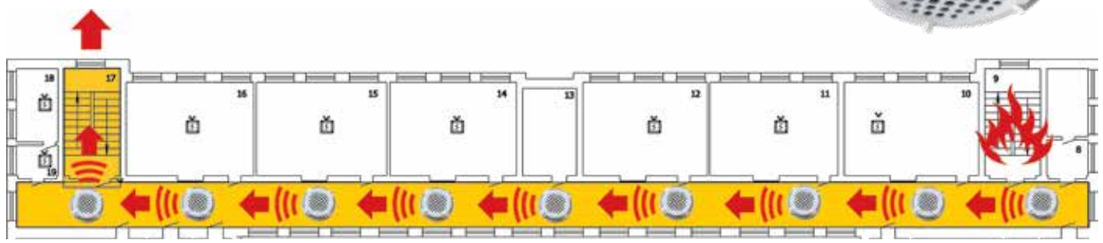
3 sec
alarm activation delay

-30 to +55 °C
operating temperature range

The advanced wireless technology is economical and installed approximately 5 times faster than a traditional wired system.

Wireless directional evacuation

- Smoke detection in the protected area
- Voice alarm about fire
- White noise and strobe lights indicate safe exit route
- Control of evacuation
- Similar to aircraft emergency floor path illumination.



Remote control and monitoring

Cloud technologies for remote control and monitoring of the state of each device via a mobile phone, a computer or a web-browser. All you need is an Internet connection! You can schedule system maintenance in advance without a site visit and unnecessary costs.

1 min.

Fire brigade dispatched in 1 minute!

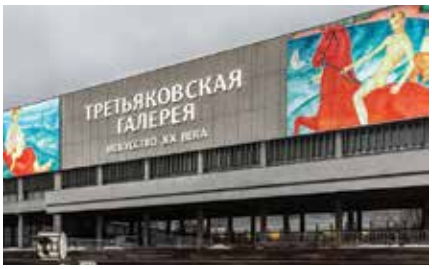
Wireless system for automatic call of rescuers and mass notification avoids human error when calling rescuers, minimizes response time and save lives.

1 100
Russian cities use our fire technologies for emergency monitoring, rescuing and mass notification

14
time decrease in the number of casualties in fires on medical and educational facilities in the first 3 years of the system operating

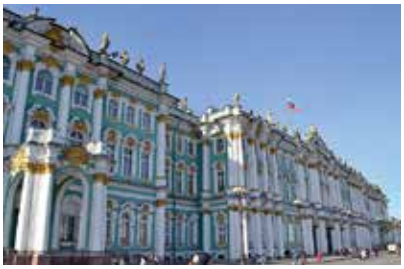
190,000
people have been saved over the past 10 years

INSTALLATION EXAMPLES



Tretyakov Art Gallery, Moscow


Peter the Great Hospital, St. Petersburg


The State Hermitage Museum, St. Petersburg


«Uralmashzavod», Ekaterinburg


Kursky Railway Station, Moscow


Clinical Hospital named after S.S. Yudin, Moscow


Museum-Estate «Arkhangelskoye», Moscow region


Naval Cathedral in Kronstadt, St. Petersburg


Flight control center of Vnukovo airport, Moscow


Clinical Center for Infectious Diseases «Voronovskoye», Moscow


Mikhailovsky theatre, St. Petersburg


«Four Seasons» Hotel, St. Petersburg


Sports schools, Moscow


Schools and kindergartens, Moscow


Shopping center «Sennaya», St. Petersburg

ARGUSSPECTRUM

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