HARDWARE-SOFTWARE COMPLEX
"SECURITY CONTOUR" IS A COMBINED
INTELLIGENT SYSTEM FOR
COLLECTING, TRANSMITTING AND
ANALYZING, WHICH ALLOWS
DETERMINING LOCATION OF THE
OBJECT UNDER OBSERVATION
(MOSTLY WITHOUT USE OF GPS) AS
WELL AS MONITORING OF HUMAN
PHYSICAL ACTIVITY.

"Security Contour" system has low cost and low level of power consumption; it allows using radio transmitters of very small dimensions.

In addition to ensuring the safety of children in preschools and schools, the "Security Contour" system can be used for monitoring of vehicles (information about their movement, speed, fuel consumption, and even the driver's condition), as well as for personal protection of individuals and their property in any place of the world.

The main purpose of the system is security of the following categories:

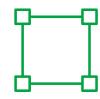
- -children in preschool educational institutions and schools;
- -sportsmen and tourists who use routes remote from civilization;
- -workers of special services involved in emergency elimination, control over the safety of vehicles and other expensive property.



National Research Tomsk State University

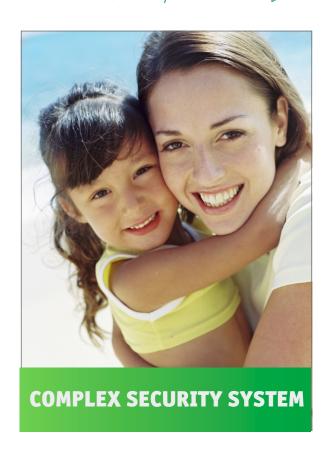
36, Lenina Avenue, Tomsk, 634050, Russia Tel.: +7 (3822) 529 852, fax: +7 (3822) 529 585 E-mail: rector@tsu.ru

www.tsu.ru



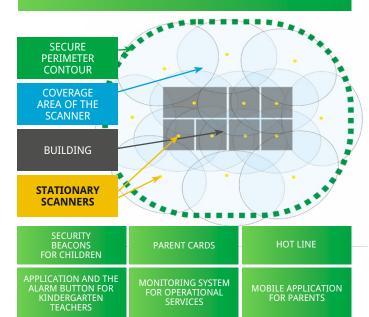
"SECURITY CONTOUR" system

Concern for important things





COMPONENTS OF THE "SECURITY CONTOUR" SYSTEM



STATIONARY SCANNERS

Stationary scanners with low power consumption and standby power supply provide

100%

coverage of the kindergarten territory with no blind zones





BEACON

Comfortable smart accessory that enables to monitor location of each child in the kindergarten; in prospective – to monitor location of each child on territory of the entire city



MOBILE APP

It allows parents and "guardians" to see the location and status of the child in real time and in retrospect



SMARTPHONE, APPLICATION

AND ALARM BUTTON FOR KINDERGARTEN TEACHERS

Allows real-time monitoring of children of the group and immediate reply to emergencies. The application is equipped with an alarm button that allows immediate notifying of operational services



HOT LINE

for parents and guardians (in case if there no smartphones)

Allows receiving information about the current and (or) the last location of a child at any time



MONITORING SYSTEM

In case of emergency, operative services receive notification and respond within 1 minute. Storage of personal data significantly shortens the time for search of a child



ACCESS CARDS

Each legal representative of a child receives a personal "guardian card". The child is registered/unregistered for protection by means of attaching guardian card to the kindergarten teacher' smartphone.

Identification of the guardian, who registered the child, is automatic

IN CASE OF EMERGENCY

