

SHIELDING FACILITIES

Shielded cabins type KE-100 are designated for attenuation of unwanted conducted and radiated emissions originated from working electronic devices, especially IT devices. The second task of shielded cabins is to protect devices against influence of strong external electromagnetic interferences, for example, against magnetic terrorism. Unwanted emission attenuation covers magnetic fields, electric fields, and plain waves. KE-100 cabins provide safe electronic generation and processing of classified information up to TOP SECRET clearance level inclusive, with the use of any electronic devices installed inside of the cabins.



MAIN FEATURES AND PARAMETERS

Shielded cabins type KE-100:

- fulfill the most rigorous requirements within the scope of emission attenuation implemented by the Defense Standard NO-06-A201:2009 *Electromagnetic Compatibility – Requirements for Attenuation of Shielding Facilities*
- are of modular, single-layer, self-supporting construction
- contain galvanic isolated and filtered power system, basic and emergency lighting system, as well as communications, signaling and alarming systems
- are equipped with autonomic air conditioning system together with ventilation duct subsystem and ducts for gravitational air exchange

APPLICATION

- electromagnetic compatibility laboratories
- special governmental, military or other facilities, where classified data are processed
- hospitals and other facilities, where devices have to be protected against external electromagnetic fields

