

«Voice - Guard»

Access control complex based on the speaker voice individual characteristics

Purpose

«Voice - Guard» - is intended for access to computational complexes, networks and assigned rooms on the basis of the speaker voice individual characteristics.

Peculiarities

The speaker identification events occurs on the basis of the password phrase generated by hardware-software at random. This project feature releases the user from the necessity of the access password learning and creates the additional degree of protection from the unauthorized access with the use of sound-recording devices.

Technical characteristics

Identification accuracy - 98.7%

Misoperation probability - 0.1 %

Identification duration - 1 rt

Speech duration system for one speaker training - 8 min.

One speaker training duration ~ 20 min.

The fields of application and the project modifications

The «Voice – Guard - D» is the hardware complex for access to assigned rooms. It realizes the exchange with the external devices via the preset protocol.

The «Voice – Guard - B» is the hardware-software complex of the user voice authorization in the Windows system.