

- **Distributed radio control system consist of 1 or N modules;**
- **Fast detection of hidden and fast data transfer;**
- **Measurement of signal parameters;**
- **Panoramic display with service functions;**
- **Fast creation standard module;**
- **Automatic work without operator**
- **Distance control of monitoring system modules;**
- **There is no any RF cable at all;**
- **Control everywhere.**

UlissesNet distributed radio control system is intended for carrying out continuous monitoring in the given area (premises, buildings, open areas, etc.). The system also ensures radio intelligence and control of channels of information leakage. The monitoring modules can be unattended and controlled remotely. They can be connected via any LAN, such as Ethernet or Internet. A monitoring module includes high-speed receiver of 9 kHz – 19 GHz frequency range, system controller and set of antennas. The equipment is controlled, results of monitoring are received, data is buffered and transmitted to the control module through the network.

UlissesNet software allows connecting to unlimited number of monitoring modules.

The software is a graphical user interface, which allows simultaneous reception, display of information from 1, 2 or 4 monitoring modules, and ensures access to settings and measuring options of monitoring modules. For simultaneous view of the whole band on several modules through the Internet, it is necessary to ensure channel capacity (to 2.5 Mbit for 1 module).

UlissesNet software uses advanced technologies that ensure protection from piracy and illegal use, as well as features dynamic key encryption, which is unnoticed for user during his operation. The protected software is delivered together with **Sentinel** hardware key. Each module has its own individual key, and the operator has a master key.

As a source base, a reference model of loading of frequency range is created. In future, the model's parameters are specified by adding the current data. During scanning deviations from the reference model are detected and fixed. This data is recorded and may be viewed and analyzed separately. Detected signals are viewed in graphic form on a panoramic display, which allows secure detection of unauthorized emissions. The system features a set of standard demodulators. Information about any parameters' modifications is recorded to the operator's log, which can be viewed in form of a table filtered by time or frequency and in a graphic form.