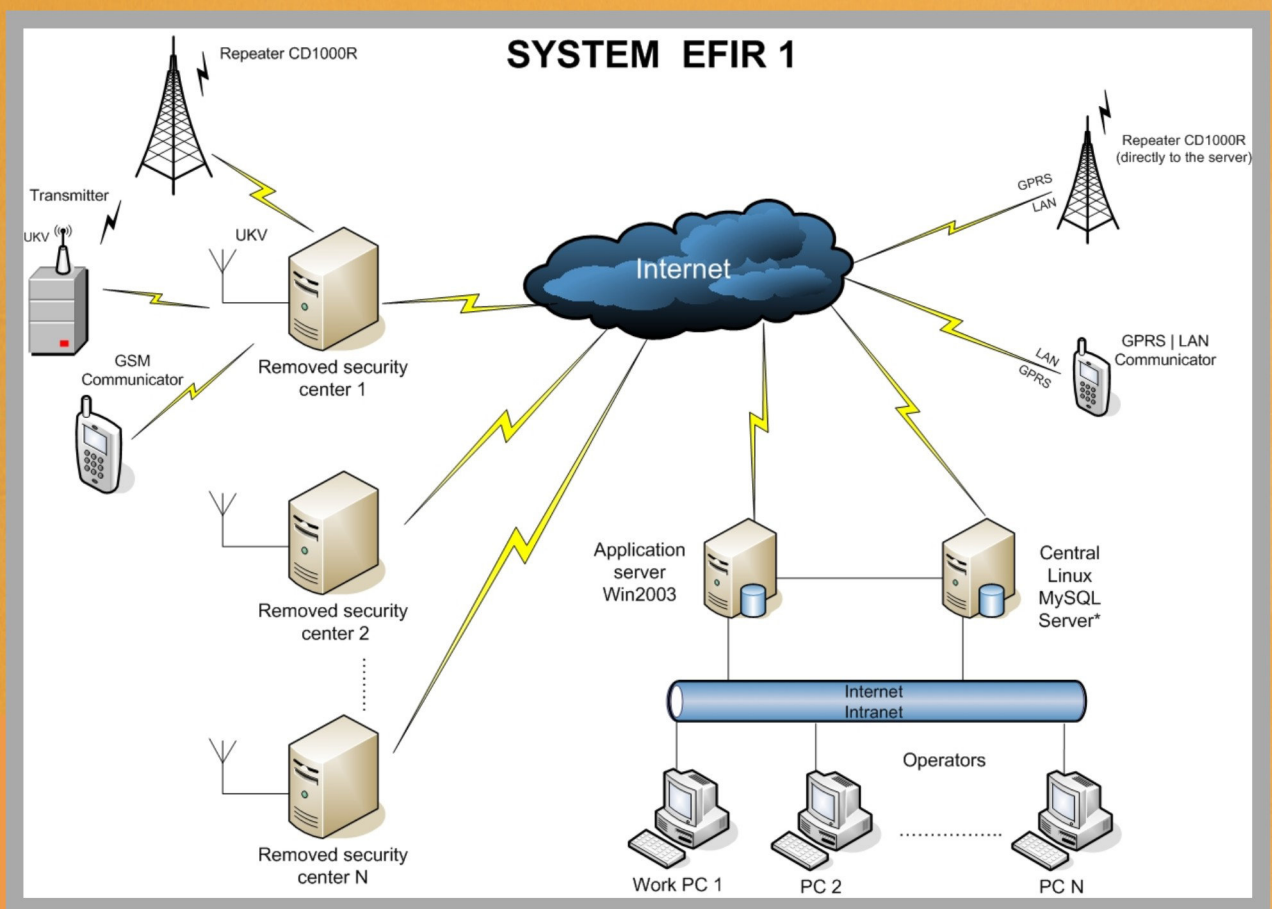


The Efir 1 system is developed by R&D team of Technopol Ltd. , to modernize and increase the capacity of alarm radionetworks for centralized protection, based on digital receiving stations CD 1000, IGP 8000 etc.

The potentialities of one receiving stations CD 1000 are theoretically 8000 objects and work of 4 frequency channels simultaneously. The Efir 1 system and transmission area Internet increase globally the potentials of the alarm radionetworks that are already built and in usage.



Radionetworks that already exist can be included into the Efir 1 system without any efforts and interruption of their work regardless the position of the servers and the number and position of the monitoring centers that will use their data at the same time.

Modules called remote centers are built at the place and along with the receiving stations CD 1000. The information received into the module is written and processed in real time as transmitted to the basic server of Efir 1 via Internet. The information is transmitted compressed and encoded uninterruptedly. The system guarantees no loss of information with the transmission.

System set:

1. Server Windows 1pc.
2. Server Linux 1pc.
3. Remote center module 1-N pcs.
4. Monitoring SOFTWARE 1-N pcs.
(work places Internet / Ethernet)

MONITORING SOFTWARE

The software interface consists of several main windows:

- Station List:** A list of radio stations with columns for ID, Name, and Status. It includes a search bar and filters.
- Alarm Status:** A window showing the status of various alarm zones (e.g., ALARMA В КОРИДОР - зона 1, ALARMA В СТАЯ ВЪЗДУХ - зона 2) with their current state and last update time.
- Object Details:** A window providing information about a specific object, including its name, address, and a list of associated stations.
- Event Log:** A window displaying a chronological list of events, such as "ОТВАРЯНЕ НА ОБЕКТА" (Object Opening) and "АЛАРМА В ЗОНА 1" (Alarm in Zone 1), with timestamps and details.



RADIO, GSM, Internet

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