

“Eltex-SC” system – hardware-software system for automatic control over home systems and devices. The system uses “Eltex-SC” controller integrated in subscriber devices. It allows to create a wireless sensor network controlled by a user through a smartphone, tablet PC or Web browser.



Control devices

“Eltex-SC” system allows to combine all communications and to control sensors from a common device. Any iOS or Android based mobile device with the installed “Eltex Smart Control” application can become a universal remote control of smart home.

“Eltex-SC” system’s capacity

1. Security support at premises:

– System of remote monitoring a room condition through a Wi-Fi camera.

– Smoke detection system based on fire suppression gauges. For remote control and management of system sensors condition there is a distribution of notifications to the installed application:

- Notification of unauthorized entrance through doors
- Notification of water leakage
- Notification of smoke contamination
- Notification from motion sensors

2. To provide maximum comfort and convenience, all equipment can be programmed to consistent or concurrent operation in required mode indicating the time and date.

– Climate control allows to adjust the temperature and humidity in a room. When the optimal climate is reached, the power of heaters or air conditioners is automatically reduced.

– Notification systems and electrical appliances management. Automatic blackout is necessary when the level of natural room illumination becomes optimal.



3. For sustainable management of household supply services there are counters for resource consumption accounting in the system.

The solution includes:

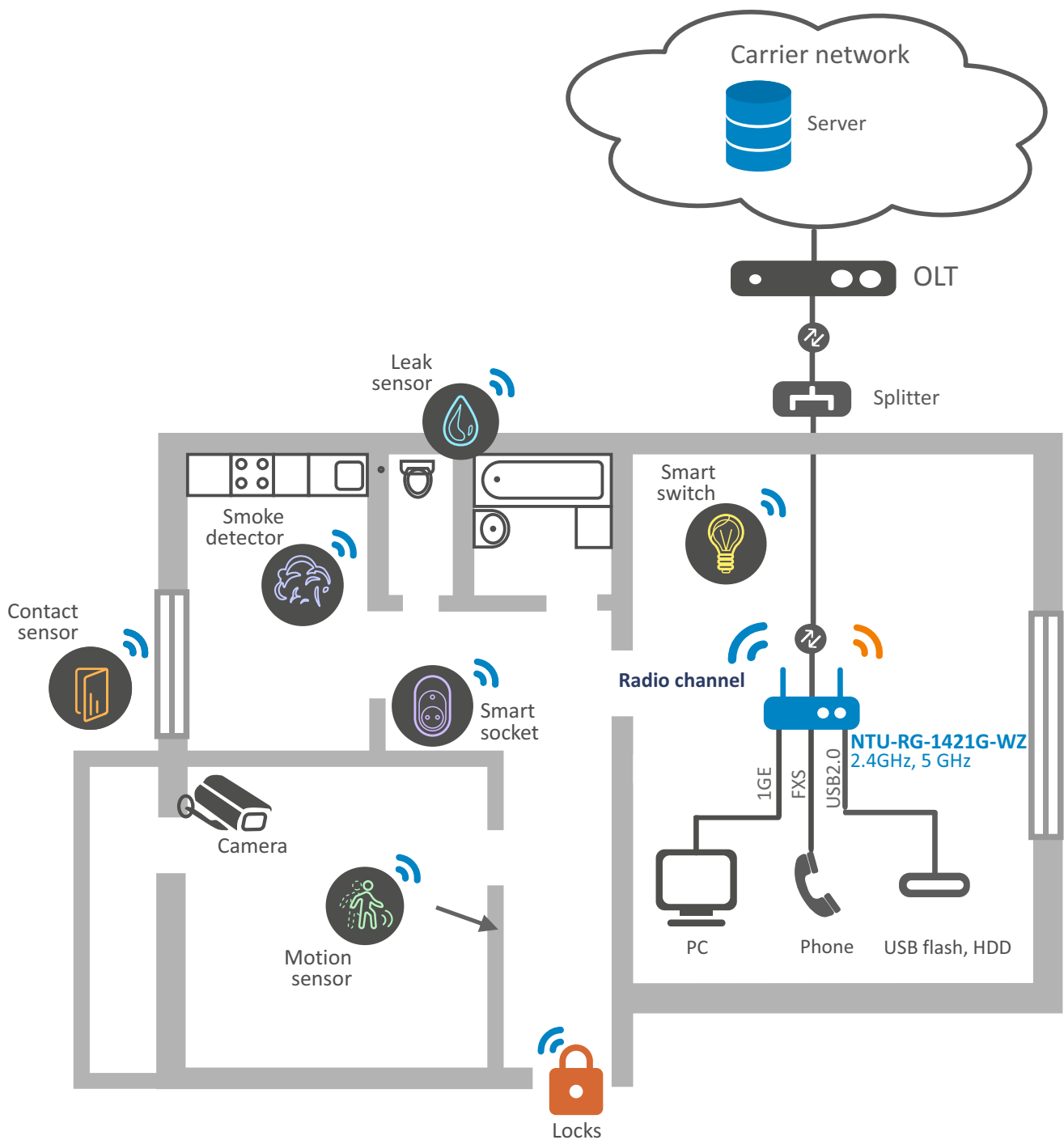
- Controllers embedded in subscriber devices (RG, NTU, WB).
- Minimum configuration of “Eltex-SC” system server with 1+1 redundancy.
- Automatic CPE configuration for the connection to the “Eltex-SC” server.
- Ability to integrate with a carrier billing system for automatic creation of accounts.
- Ability to integrate with video monitoring provider.

Devices supporting “Eltex-SC” system

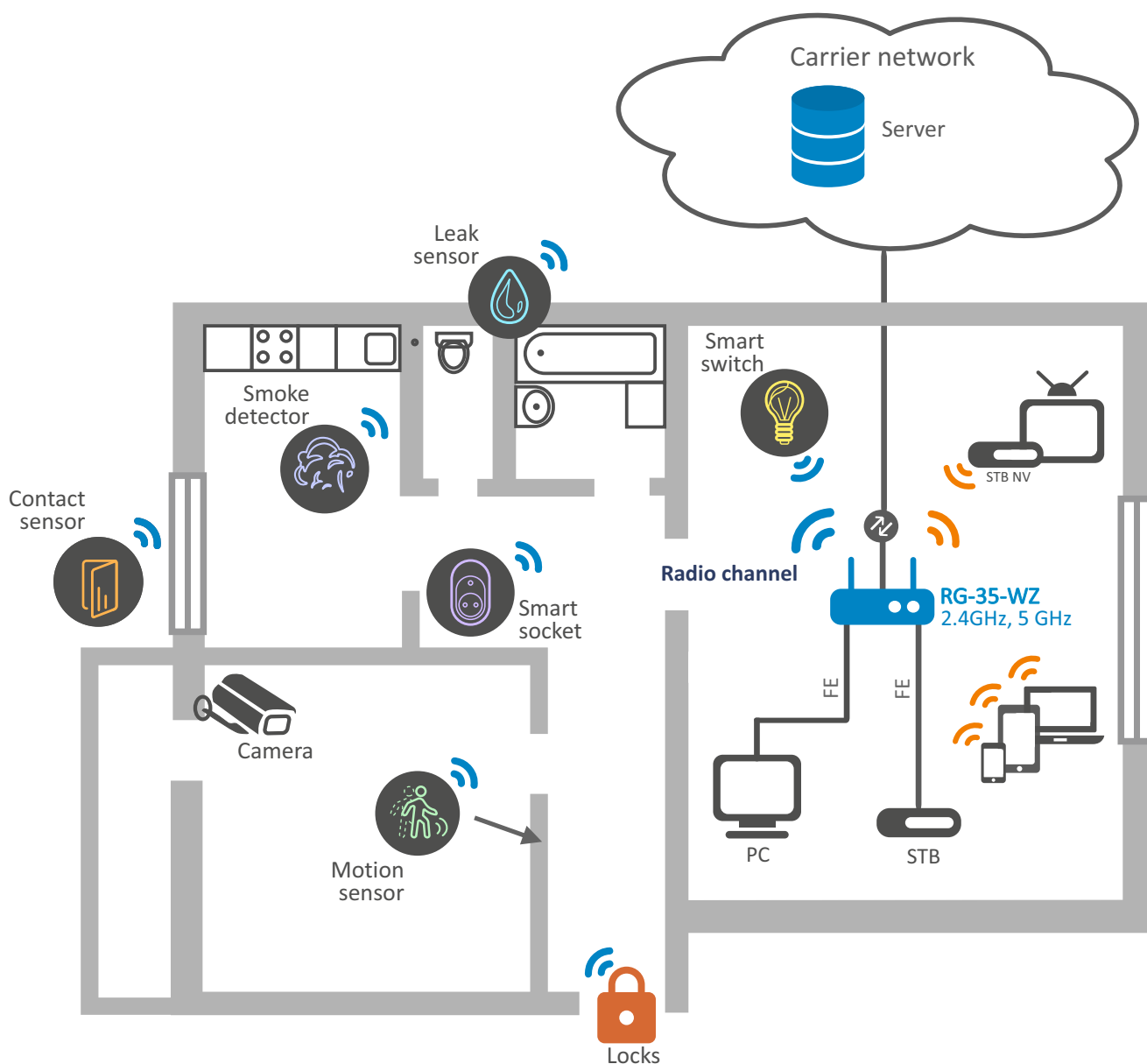
- NTU-RG-1421-WZ
- RG-35-WZ

Name	Description	Image
NTU-RG-1421G-WZ	ONT NTU-RG-1421G-WZ, 4 ports of LAN 10/100/1000Base-T, 1xUSB, 1xFXS, Wi-Fi (802.11n, 2*2 -300Mbps - 2.4GHz +802.11ac, 3*3 - 1.3Gbps-5 GHz), “Eltex-SC” controller	
RG-35-WZ	RG-35-WZ subscriber router: 1xWAN,4xLAN, 1xUSB, Wi-Fi 802.11a/b/g/n/ac, “Eltex-SC” controller	

NTU-RG-1421G-WZ use case



RG-35-WZ use case



Contact us

About Eltex

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Eltex company is a leading Russian developer and manufacturer of telecommunication equipment with 25 years of history. Integrity of solutions and seamless integration capability into Customer infrastructure is a priority area of company development.