

SoftWLC is a software package designed to operate on a wireless access network using Wi-Fi Technology. SoftWLC controller performs a wide range of challenges in the HotSpot area organization and authorization of users according to the local security requirements. It is a flexible and convenient tool to monetize Wi-Fi services and provide quality service under the operator's control. The complex provides a single interface for all Wi-Fi network management operations. The high flexibility of the solution provides organization of Enterprise level peer network with a basic set of services as well as complex solutions with hierarchical management of carrier-grade. There are also hybrid circuit applications.



The complex consists of

- Control and monitoring system
- WEB-server for Hotspot service implementation (CaptivePortal)
- DHCP server to issue addresses for access points and Wi-Fi users
- RADIUS-server for authentication, authorization, and statistics collection

Key features of SoftWLC:


- Access points configuration, including group policies
- Wi-Fi clients configuration, including group policies
- Access points monitoring, including selective interfaces and parameters
- Displaying the current status of all network Wi-Fi customers
- Statistics of the network: traffic, sessions, device types, and so on.
- Collection of service and emergency information
- Network failures alerts
- Debug information
- Flexible system of personnel rights (roles, users)
- Integration with OSS/BSS provider via Northbound Interface

Key features of Hotspot Captive Portal

- Ability to implement an unlimited number of individual virtual portals (the number of portals can be equal to the number of SSID on the network)
- Each virtual portal can have its own interface
- Implemented interface of the SMS-sending services
- User authorization support
- Data storage on user authorization up to 3 years
- Advertising platform integration
- Online payment services support
- Brute force protection mechanism: captcha

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About company


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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.