

v1.22_SoftWLC

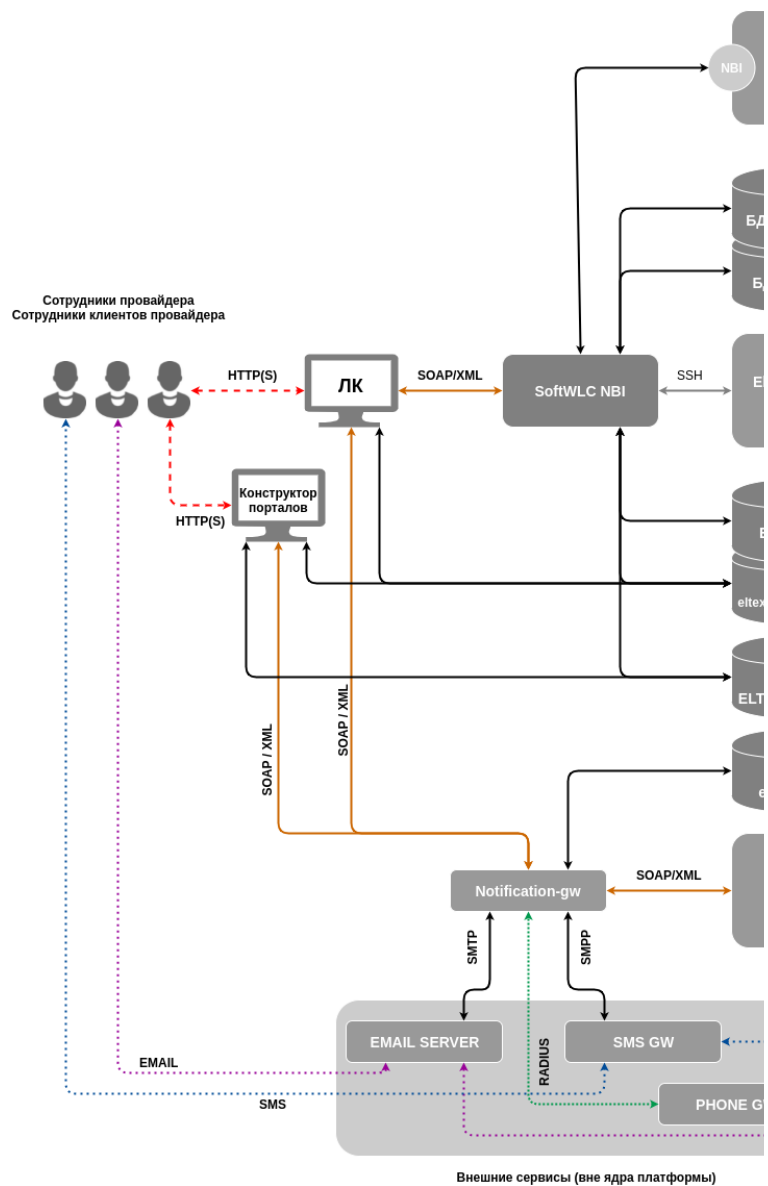
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- [SoftWLC](#)
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SoftWLC - **Wi-Fi**, , Wi-Fi Enterprise .

SoftWLC:

- Eltex, Wi-Fi.
- SoftWLC
- Hotspot , :
-
-
- Enterprise
- Active Directory
- WEB- , .
- SSID

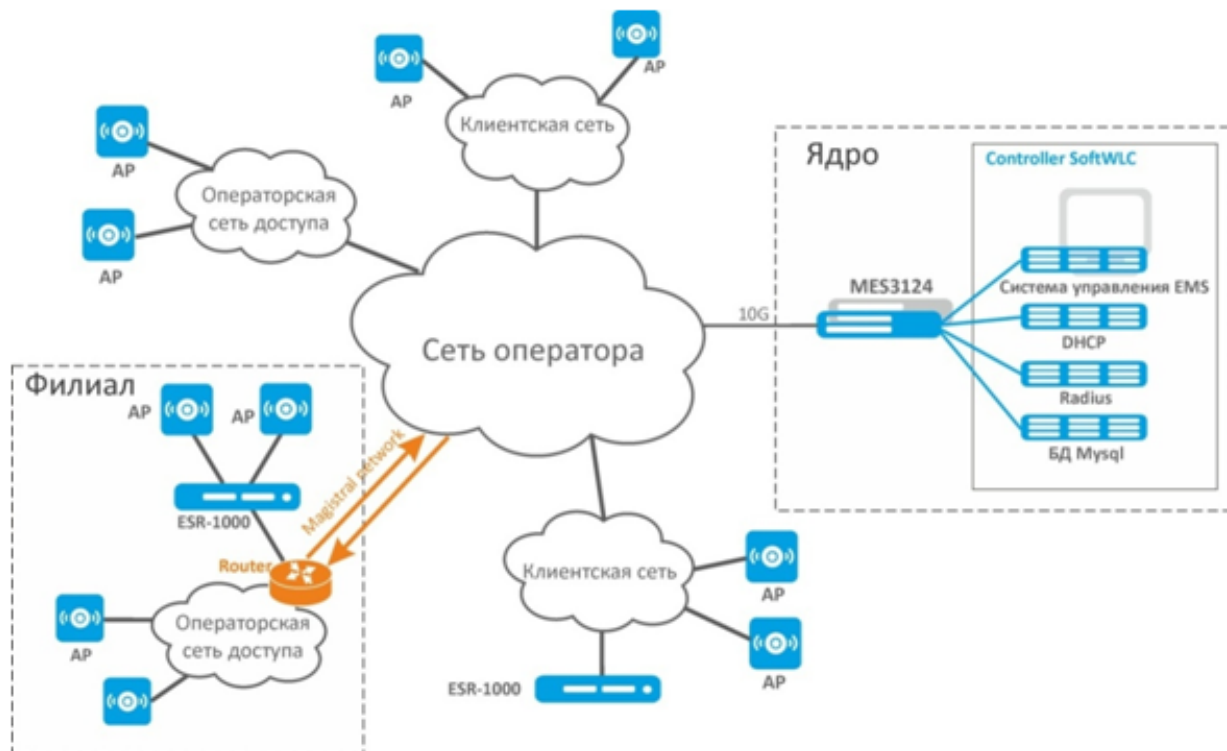
SoftWLC



- **EMS** – SoftWLC, GUI.
- **SoftWLC NBI** – OSS.
- **WEB (Captive Portal)** – WEB-, WEB- hotspot-, WEB- notification gateway, Wi-Fi (eltex-mercury).
- **B2B** – WEB, Wi-Fi, SSID.
- **Database ()** – SoftWLC, Mysql.
- **RADIUS** – (Authentication, Authorization, Accounting), freeRADIUS.
- **DHCP** – IP-c Wi-Fi. isc-dhcp-server. DHCP.
- **APB** – Hotspot.
- **Notification Gateway** – SMS, Email, B2B, WEB.
- **PCRF** – SoftWLC ESR-1000 BRAS, ESR-1000 Wi-Fi, softGRE.



SoftWLC L3- Management SoftWLC VLAN . VLAN (SSID VLAN) .



SoftWLC 10: EMS, WEB APB, - Database, - RADIUS, - DHCP. front-end , , , , , ESR-1000 .

ESR-1000.

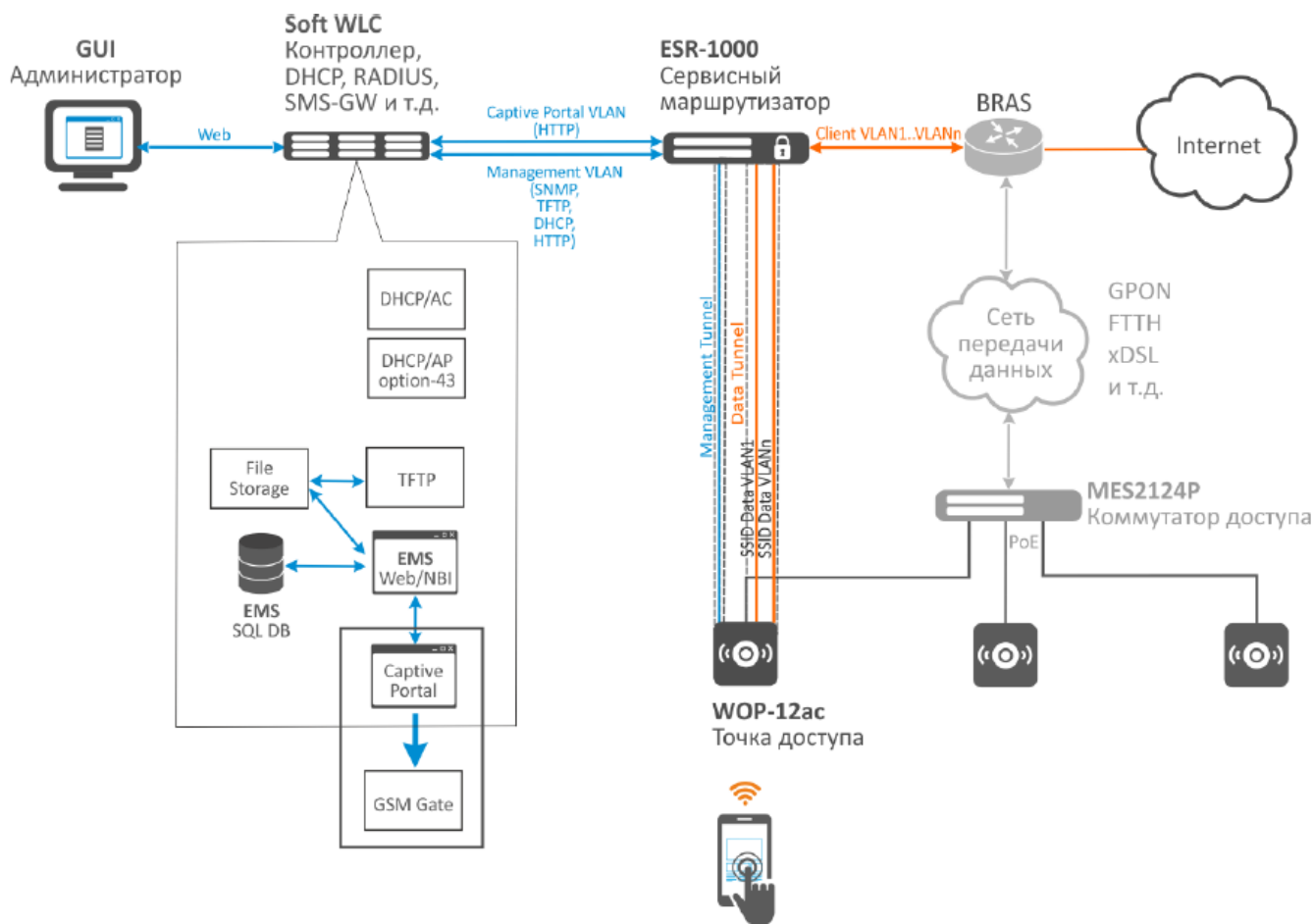
ESR-1000 :

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- (L2 over GRE) ESR-1000 . , , «access» L2-.
- ESR-1000 firewall.
- NAT () .
- VRF.

Soft-GRE ESR-1000 , SoftWLC .

ESR-1000 SoftGRE- L3- : Management- Data- .

Management- L3- , GRE- . Data- ESR-1000 (NAT).



SoftWLC

SoftWLC Ubuntu Server 18.04 LTS Ubuntu Server 16.04 LTS

Ubuntu Server 18.04 LTS Ubuntu Server 16.04 LTS

, (VM):

	VM	CPU core, Xeon	RAM, Gb	HDD, Gb
10 200	SoftWLC	4, 64-bit x86 CPUs	8	200
200 500	SoftWLC	4, 64-bit x86 CPUs	16	200
500 1000	SoftWLC	6, 64-bit x86 CPUs	12	200
	DataBase	4, 64-bit x86 CPUs	16	200
1 . 2 .	EMS	6, 64-bit x86 CPUs	14	200
	RADIUS	4, 64-bit x86 CPUs	6	100
	WEB-Portal	4, 64-bit x86 CPUs	8	40
	MySQL	4, 64-bit x86 CPUs	24	500
	MongoDB	4, 64-bit x86 CPUs	10	200