

v1.25_SoftWLC

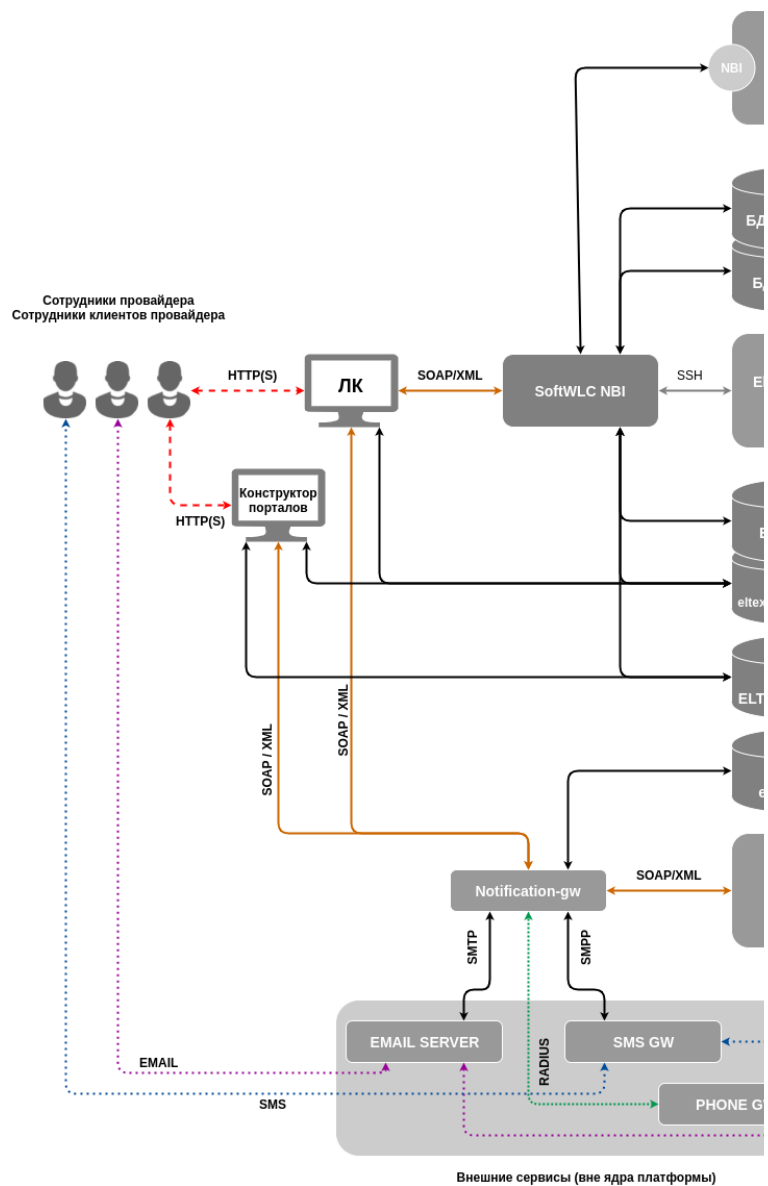
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- [SoftWLC](#)
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SoftWLC - **Wi-Fi**, , Wi-Fi Enterprise .

SoftWLC:

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

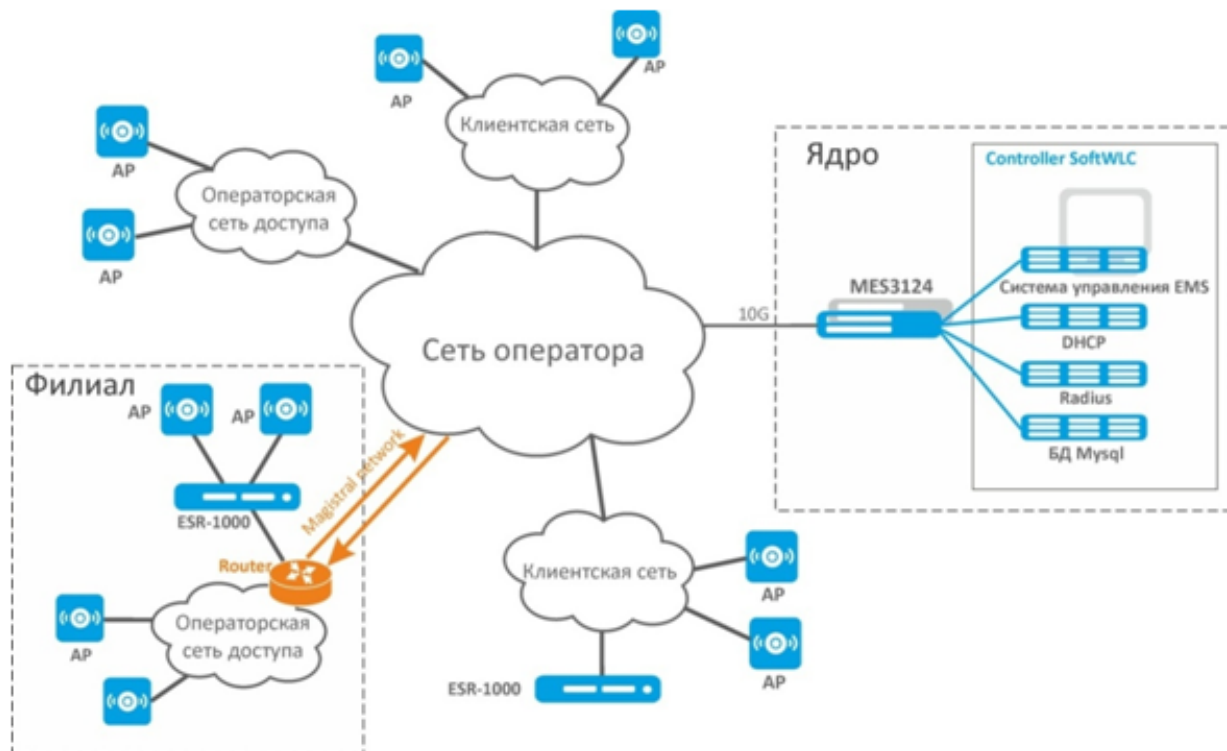
SoftWLC



- **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.

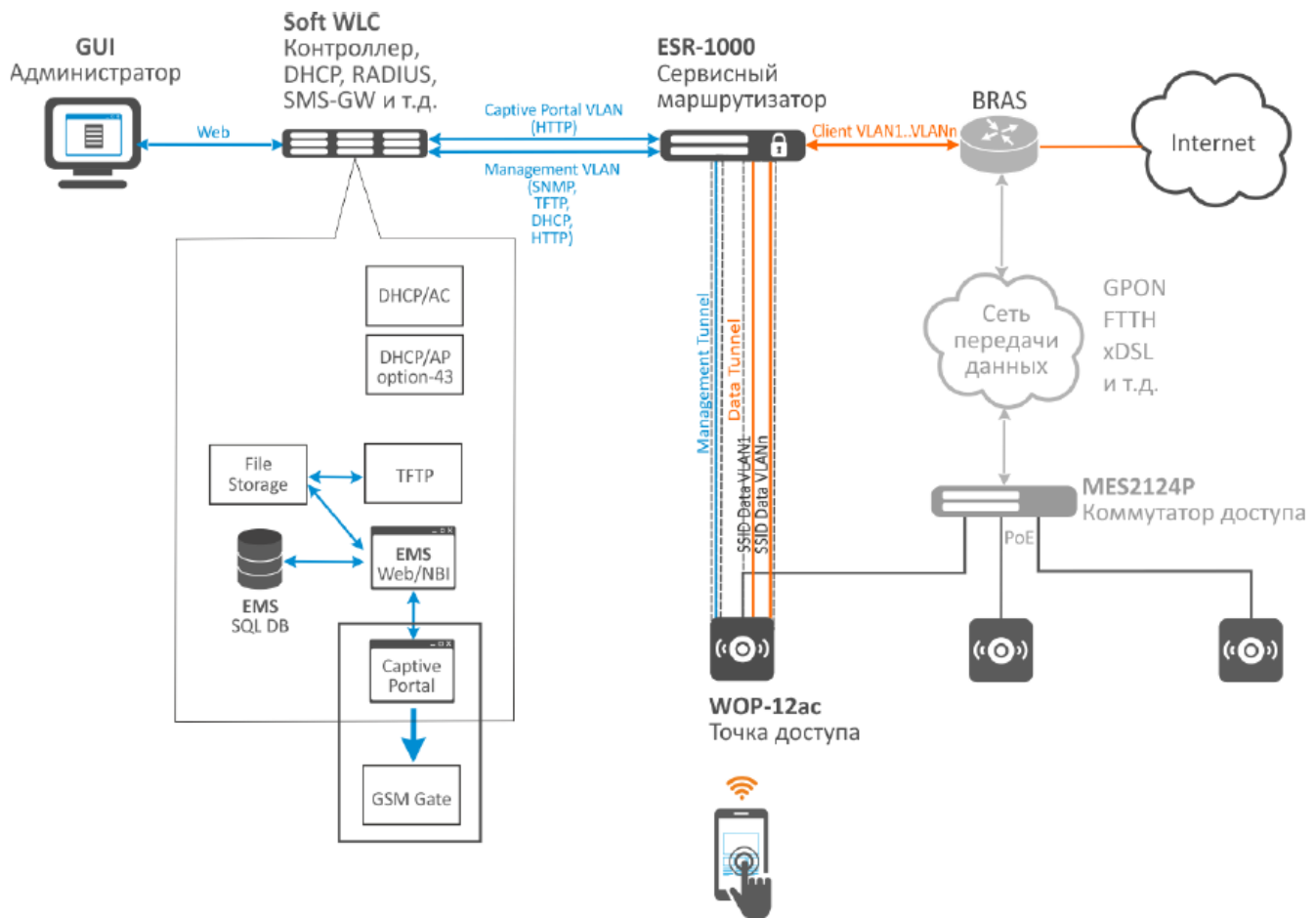
ESR-1000 :

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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 1.7.1 (,) **Ubuntu Server 16.04 LTS/Ubuntu Server 18.04 LTS / Astra Linux Common Edition 2.12.44 / Debian 9 / Astra Linux Special Edition**

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, (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