

v1.17_SoftWLC

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- SoftWLC
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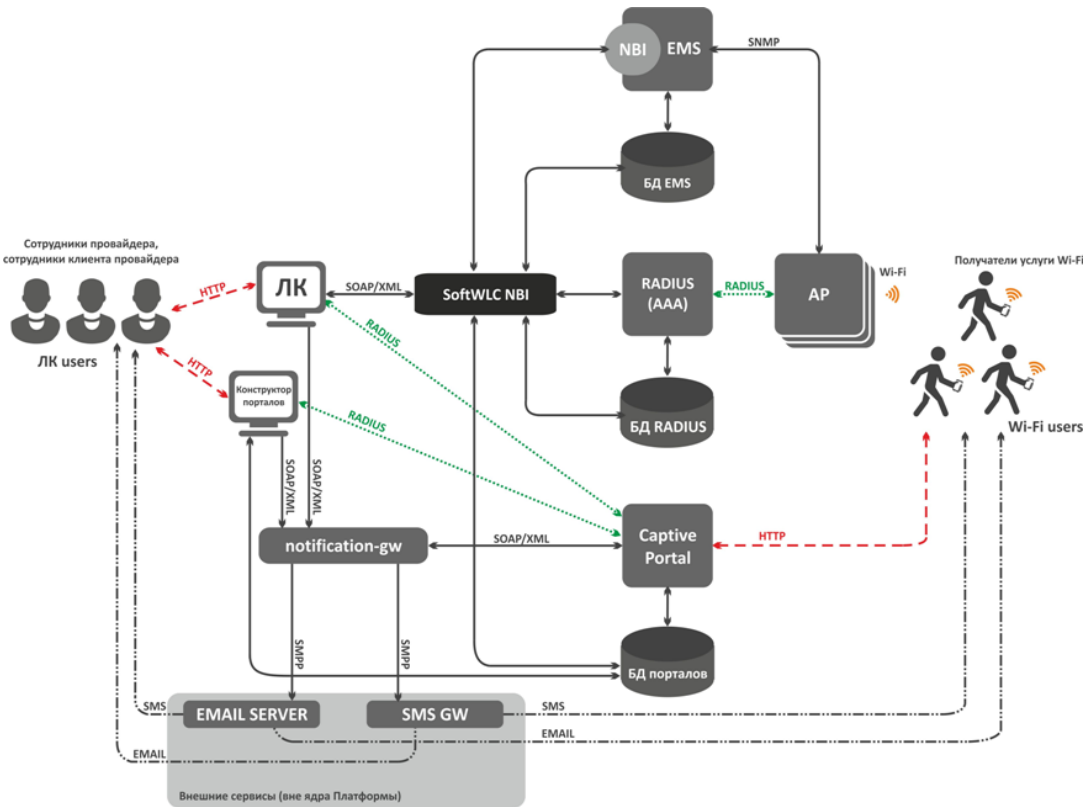
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SoftWLC - Wi-Fi, , Wi-Fi Enterprise .

SoftWLC:

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

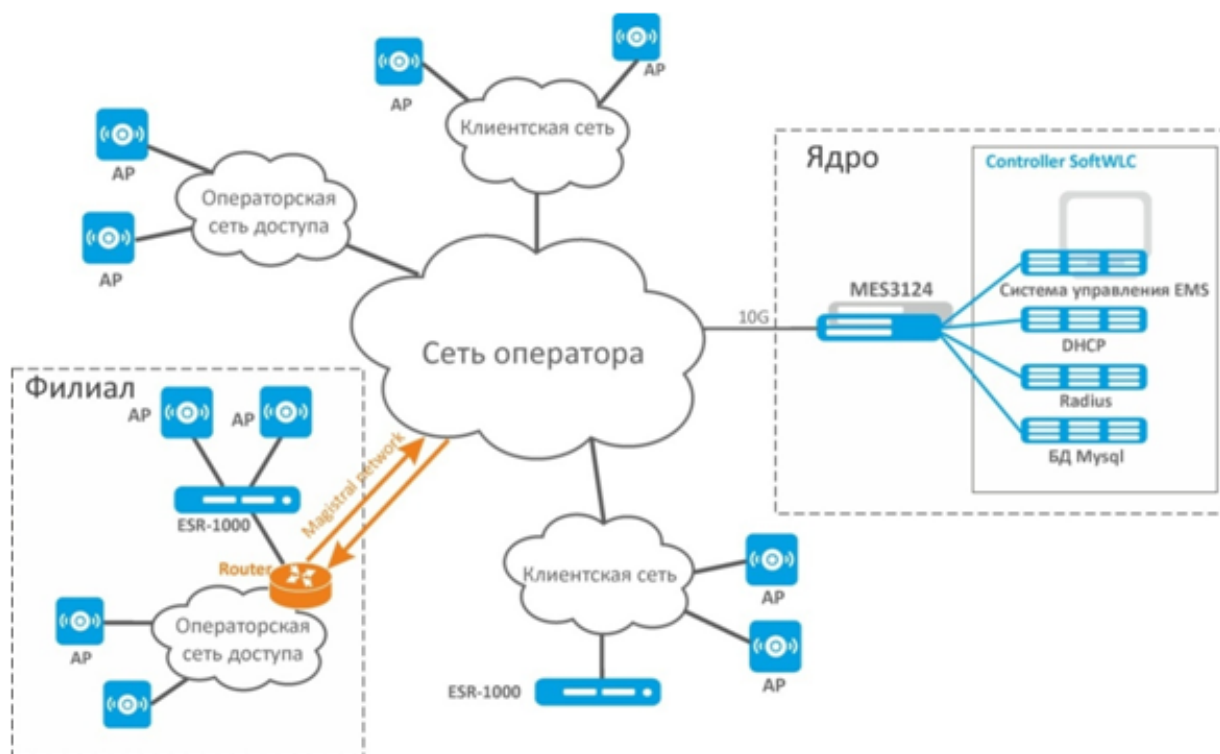
SoftWLC



- **EMS** – SoftWLC, GUI SoftWLC, NBI- OSS.
- **WEB** – WEB- tomcat6, WEB- hotspot-, WEB- SMS-, Wi-Fi .
- **B2B** – WEB, Wi-Fi , SSID.
- **Database** – SoftWLC, Mysql. :
- **RADIUS** – , (Authentication, Authorization, Accounting), freeRADIUS.
- **DHCP** – IP-c Wi-Fi . isc-dhcp-server. DHCP .
- **APB** – , Hotspot .
- **Auth Service** - . RADIUS-. : B2B WEB .
- **Notification Gateway** - , SMS Email. B2B, WEB .
- **PCRF** - SoftWLC ESR-1000 BRAS, ESR-1000 Wi-Fi .



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



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

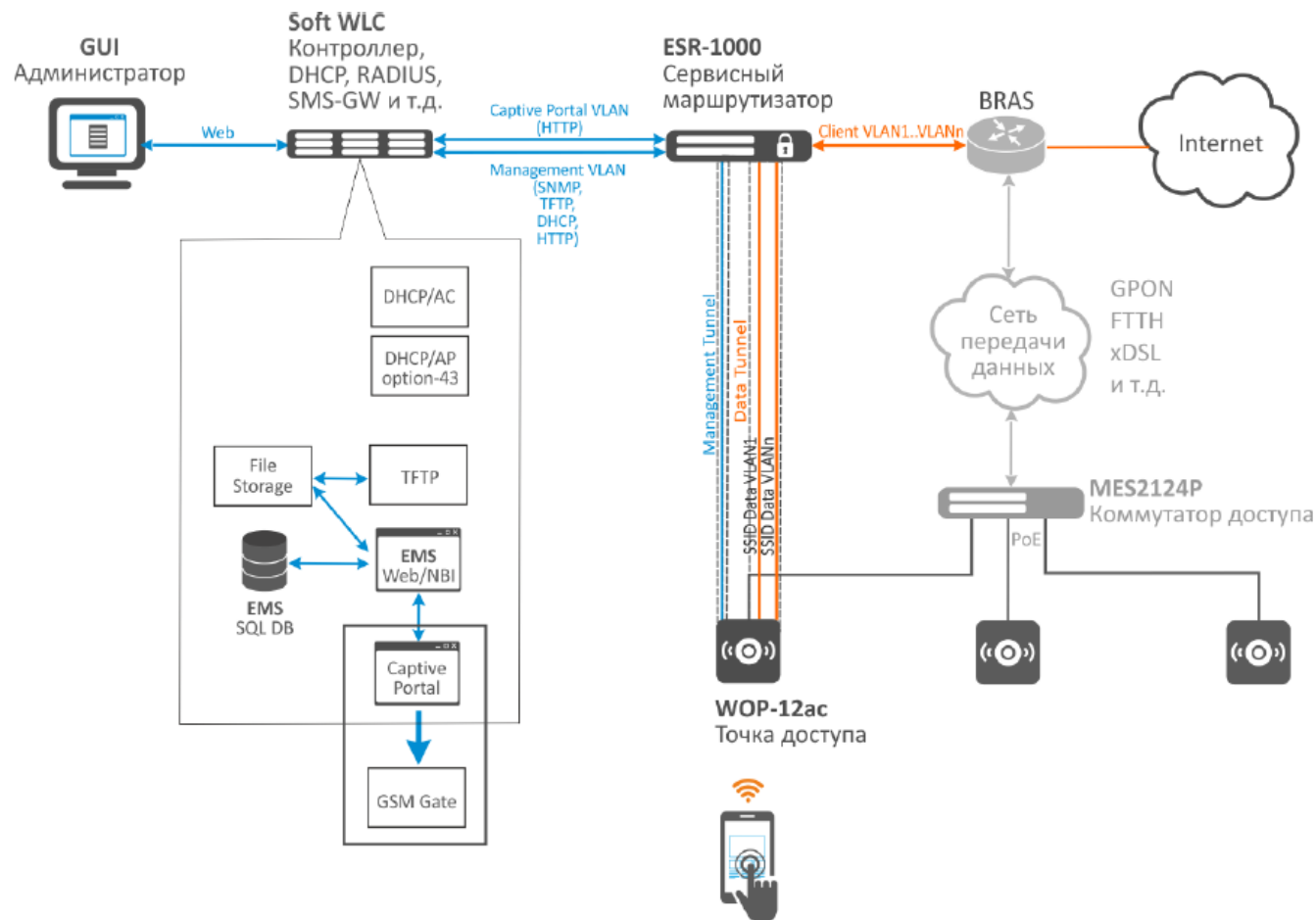
ESR-1000.

- ESR-1000 :
- ;
 - (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 16.04 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