v1.16_ SoftWLC

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- PCRF
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- RADIUS
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- GUI EMS
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- Airtune
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Comala Metadata License Details

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EMS

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EMS -, .

, Eltex , . :

```
/usr/lib/eltex-ems/conf/licence/
```

- ( ).

, , , .

eltex-ems.

Eltex, : +7 383 274-10-01, : eltex@eltex.nsk.ru, : http://eltex.nsk.ru

, GUI EMS, «» «». .

Номер	Группа	Устройства	Ограничения	Используется
1	ACS server		1	0
2	DHCP servers	DHCP	2	0
3	DSLAM devices	MXA24, MXA32, MXA64	3	0
4	ESR low	ESR-10, ESR-12V, ESR100, ESR200	3	0
5	ESR middle	ESR-1700, ESR1000, ESR1200	1	0
6	GEPON devices	LTE2X, LTE8ST, LTE8X	3	0
7	GPON devices	LTP4X, LTP8X, MA4000	3	0
8	Linux Hosts / Netconf Servers	linuxServerCommon	2	0
9	MD devices	MD1	1	0
10	ME devices	ME5100	1	0
11	MES 5448	MES5448	1	0
12	MES Linux devices	MES3000L	1	0
13	MES access	MESaccess	1	0
14	MES agregation	MESagregation	1	0
15	MXL2E devices	MXL2E	1	0
16	MySQL server	MYSQL	2	0
17	PORTAL servers	PORTAL	2	0
18	RADIUS servers	RADIUS	2	1
19	SMG devices	SMG1016, SMG1016M, SMG1016M-R, SMG2, SMG200, SMG2016, SMG4, SMG500	3	0
20	SORM2 module	SORM2	2	0
21	SSW servers	SSW	2	0
22	TAU devices	TAUmegaco, TAUsip	2	0
23	TopGATE devices	TopGATE-3xx, TopGATE-6xx	2	0
24	UEP devices	UEP23, UEP25, UEP33, UEP41	3	0
25	VOIP devices	MSAN, MSR, SBC1000, SBC2000	3	0
26	WIRELESS devices	WB-15-W, WEP-12ac, WEP-12ac-RevB, WEP-12ac-RevC, WEP-2ac, WEP-2ac-Smart, WEP-2ac-Z, WOP-12ac, WOP-12ac-ER, WOP-12ac-ER-GPON, WOP-12ac-ER-SFP, WOP-12ac-LR, WOP-12ac-LR-RevB, WOP-12ac-LR-RevD, WOP-12ac-LR-RevD-GPON, WOP-12ac-LR-RevD-SFP, WOP-12ac-RevB, WOP-12ac-RevC, WOP-2ac, WOP-2ac-GPON, WOP-2ac-LR5, WOP-2ac-RevB, WOP-2ac-RevB-GPON, WOP-2ac-RevB-SFP, WOP-2ac-SFP	3	1
27	WIRELESS devices by external vendors	GenericAp	3	0
28	Wireless WIPSWIDS		2	0
Всего		**76**	**56**	**2**

, WEB , .

(‘admin’) . ( ).

eltex-wifi-cab . - 5 .

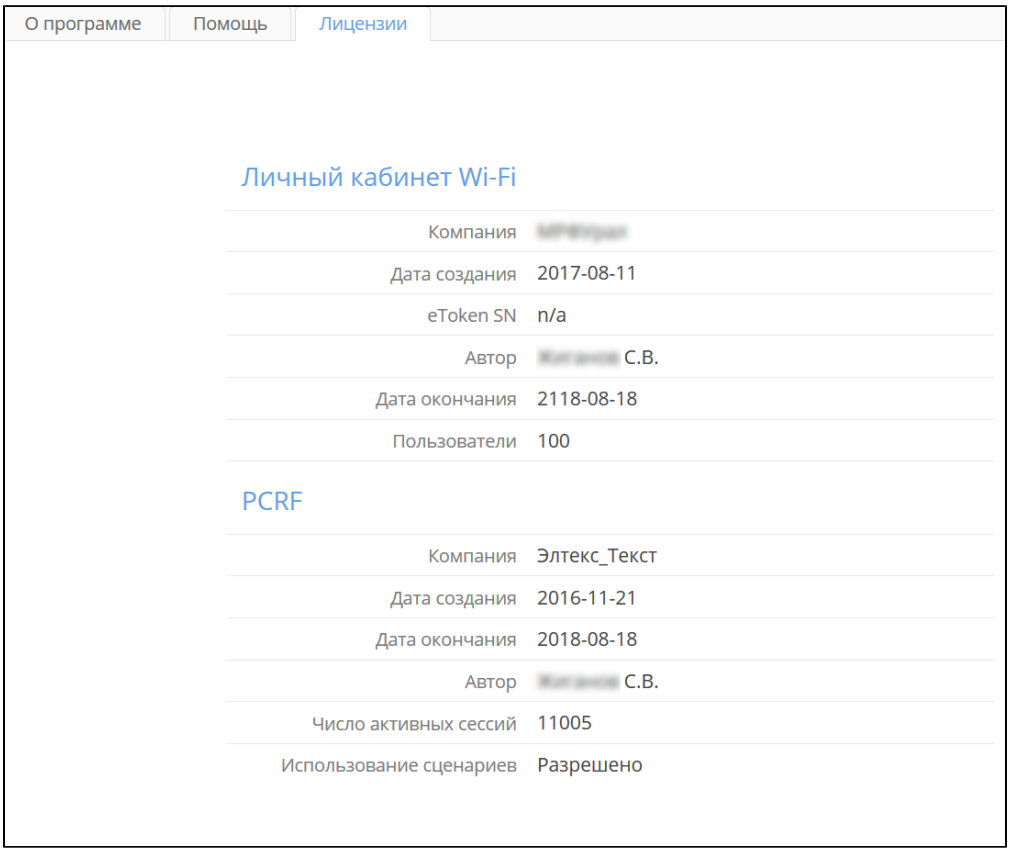
, Eltex .

:

/etc/eltex-wifi-cab/

tomcat.

, , «» - «». .



PCRF

Wi-Fi , PCRF, / .

eltex-pcrf . - 1000 BRAS .

, Eltex .

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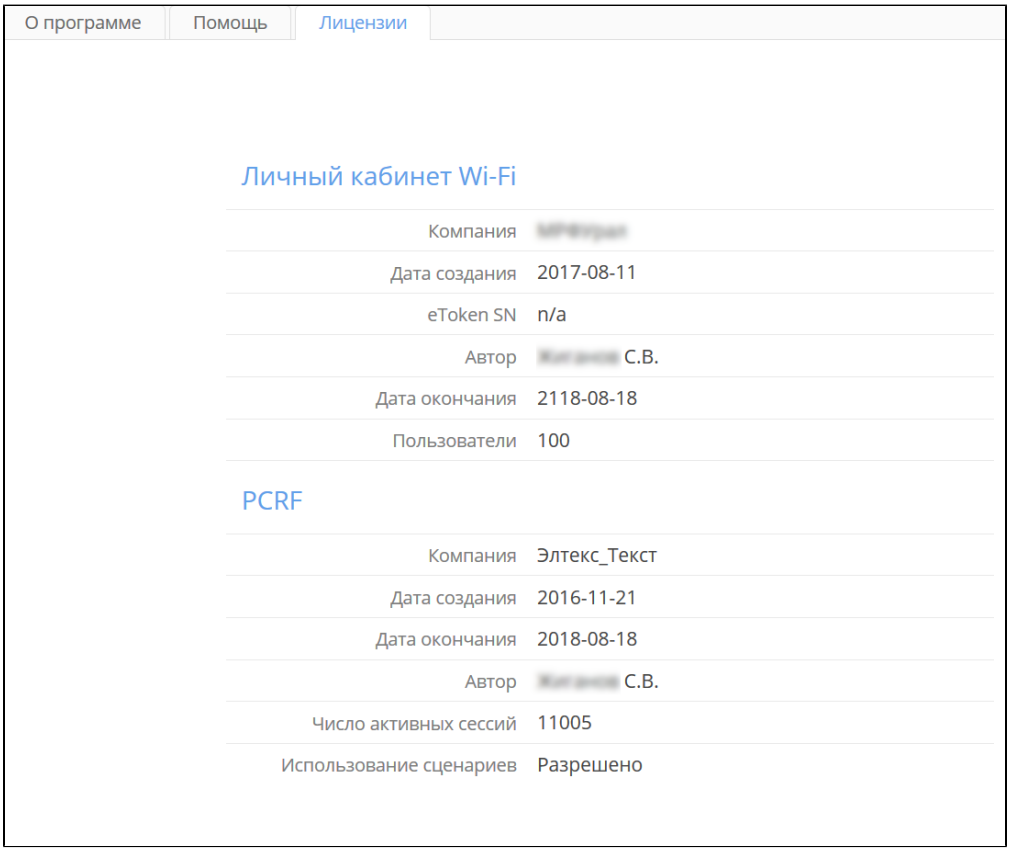
```
/etc/eltex-pcrf/
```

```
eltex-pcrf.
```

, WEB PCRF http://server_ip:7070/licence, «licence». .



RADIUS

, RADIUS EAP. Wi-Fi , .

SSID, (..). .

PEM .

SoftWLC Eltex, Comodo (2 2020). SoftWLC, .

:

openssl

```
# openssl x509 -text -noout -in /etc/eltex-radius/certs/trusted_server.crt | grep -A4 "Issuer:"
        Issuer: C=GB, ST=Greater Manchester, L=Salford, O=COMODO CA Limited, CN=COMODO RSA Domain Validation
Secure Server CA
        Validity
            Not Before: Nov 10 00:00:00 2017 GMT
            Not After : Dec  2 23:59:59 2020 GMT
        Subject: OU=Domain Control Validated, OU=EssentialSSL, CN=radius.eltex.nsk.ru
```

GUI EMS

, , Java . .

eltex-ems, .

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Airtune

AirTune.

"licence.xml" :

- */usr/lib/eltex-ems/conf/licence/*
- */etc/eltex-airtune/*

EMS AirTune : "*service eltex-ems restart*", "*service eltex-airtune restart*".

/

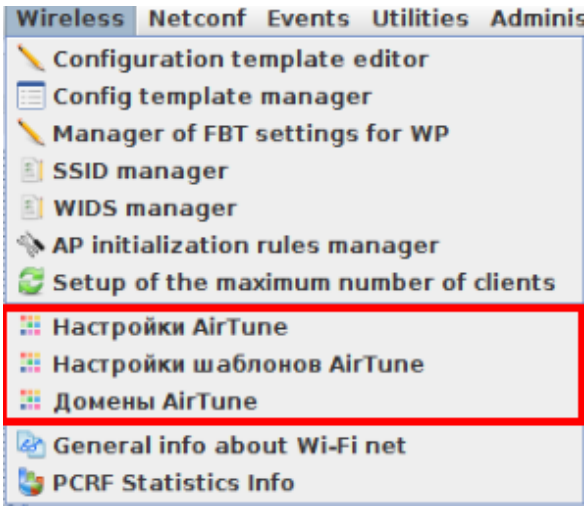
GUI EMS -> , */usr/lib/eltex-ems/conf/licence/licence.xml*

Number	Group	Devices	Restriction	Use devices
1	AIRTUNE	AIRTUNE	200	13

/usr/lib/eltex-ems/conf/licence/licence-dist.xml

```
        <group>
            <title>AIRTUNE</title>
            <count>200</count>
            <typeList>
                <type>AIRTUNE</type>
            </typeList>
        </group>
```

Airtune , GUI EMS "*Wireless*" , *:*



AirTune EMS .