

# v1.18\_     SoftWLC

- EMS
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- RADIUS
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- GUI EMS
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- Airtune
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- WIPS/WIDS
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```
<div class="ai-message error ai-message-error">
<p class="title">
<span class="ai-icon icon-error"></span>
<strong>Comala Metadata License Details</strong>
</p>
<p>Invalid commercial evaluation license with a expired error. Please click <a href="https://marketplace.atlassian.com/plugins/org.andya.confluence.plugins.metadata" target="_blank">here</a> to purchase a commercial license.</p>
</div>
```

## EMS

```
, .

EMS -, .
, Eltex , . :
/usr/lib/eltex-ems/conf/licence/
- ( ).
, , , .
() , . :
<companyId>1234568</companyId>
, .
:
licence-<licenceId>.xml
<licenceId> - , , , .
licenceID , ( ) .
. - fileName .
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
<b>Всего</b>		<b>76</b>	<b>56</b>	<b>2</b>

WEB , .

( 'admin' ) . ( ) .

eltex-wifi-cab . - 5 .

, Eltex .

:

/etc/eltex-wifi-cab/

tomcat.

, , « » - « » .

О программе

Помощь

Лицензии

Личный кабинет Wi-Fi

Компания	Элтекс_Текст
Дата создания	2017-08-11
eToken SN	n/a
Автор	Иванов С.В.
Дата окончания	2118-08-18
Пользователи	100

PCRF

Компания	Элтекс_Текст
Дата создания	2016-11-21
Дата окончания	2018-08-18
Автор	Иванов С.В.
Число активных сессий	11005
Использование сценариев	Разрешено

## RADIUS

, RADIUS EAP. Wi-Fi , .

SSID, (.. ) .

:

SoftWLC

SoftWLC Eltex, Comodo . SoftWLC, .

```

:
openssl x509 -text -noout -in /etc/eltex-auth-service/certs/radius_eltex_nsk_ru.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: Sep 26 00:00:00 2016 GMT
        Not After : Dec 1 23:59:59 2017 GMT
    Subject: OU=Domain Control Validated, OU=EssentialSSL, CN=radius.eltex.nsk.ru

```

## GUI EMS

, , Java . .

eltex-ems, .

## Airtune

AirTune.

"licence.xml" :

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

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



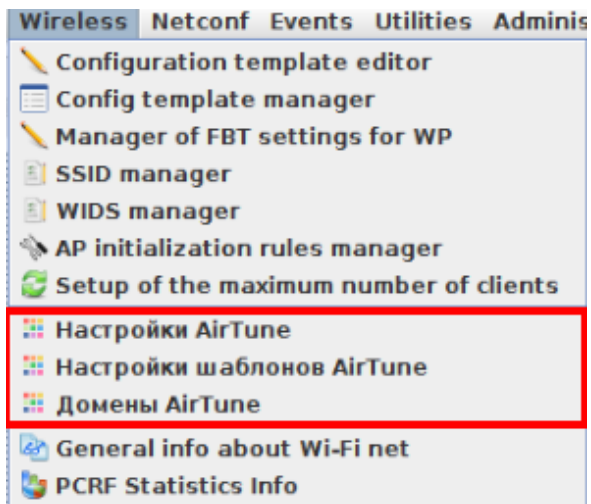
GUI EMS ->, /usr/lib/eltex-ems/conf/licence/licence.xml

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 .

## WIPS/WIDS

WIPS/WIDS .

- EMS (-) 2- .

"licence.xml" :

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

EMS : "service eltex-ems restart" .



GUI EMS :

Лицензия				
		SFP, WOP-2ac-SFP		
21	WIRELESS devices by external vendors	GenericAp	9000	1
22	Wireless WIPSWIDS		10	9
<b>Всего</b>		<b>63</b>	<b>153810</b>	<b>86</b>

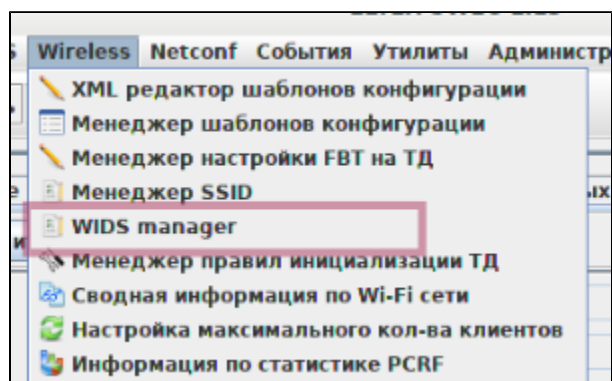
/usr/lib  
/eltex-ems  
/conf/licence  
/licence.xml:

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

✖ Закрыть

```
<group>
  <title>Wireless WIPSWIDS</title>
  <count>10</count>
  <typeList>
    <type>WiFi</type>
  </typeList>
</group>
```

WIPS/WIDS , GUI EMS "Wireless" "WIDS manager":



" "