

# **Облачная РВХ**

**Пример подключения внешних  
SIP линий и настройки работы  
операторов**

## 1. Создание SIP транков

Current Tenant: default

Trunks

Trunk name	Direction	Dial timeout,s	SIP Host / IP:...	Default User	Context	Trunk enabled	Description	Other trunk ...	Register =>
lifeCell07370418...	Both	60	region-od-ars.ipv...	0737041824	from-pstn	yes			0737041824.e5p...
Astra7965627	OutBound	60	91.197.17.14	7965627	from-pstn	yes	wzqk9Fks1h0	insecure=port,in... quality=no	7965627:wzqk9Fk...
lifeCellInbound1	Both	60	212.58.160.217		from-pstn	yes		insecure=port,in...	
LifeCellInbound2	Both	60	212.58.160.218		from-pstn	yes		insecure=port,in...	

**Edit Trunks**

Trunk name: lifeCell0737041824 Direction: Both

SIP Host / IP:PORT: region-od-ars.ipvpbx.lifecell.ua Dial timeout,s: 60

Trunk enabled: yes Context: from-pstn

Default User: 0737041824 Secret: [redacted]

Domain Name: region-od-ars.ipvpbx.lifecell.ua Description:

Register =>: 0737041824.e5p...@region-od-ars.ipvpbx.lifecell.ua/0737041824

Other trunk options: insecure=port,invite  
disallow=all  
allow=alaw  
srvlookup=yes  
nat=yes  
outboundproxy=ipvpbx.lifecell.ua

Max Concurrent calls: 0 Max Call duration: 0

Available in Tenants: Tira ISP

Save Cancel Debug

## 2. Добавление входящих номеров

Current Tenant: default

DIDs

Upload CVS Refresh Add DID Remove

Did number	Available In Tenant	Note	Assigned to
7965627	Tira ISP	Astra 7965627	(none)
0737041824	Tira ISP	LifeCell 0737041824	(none)

## 3. Создание локальных телефонов операторов (Extensions)

Create new PBX

Reload PBX

Current Tenant:

default

Dashboard

User Status

Administrators

Tenants

Trunks

DIDs

Tenant Defaults

Feature Codes

Default Music-on-Hold

Default Recordings

Black List IP

Current Tenant PBX

Extensions

Inbound DIDs

Outbound Routes

Auto Attendant

Media

Ring Groups

Page Groups

Queues

Conferences

Feature Codes

Call Center Functions

Extensions

(autogenerated)

Exten	SIP User	Reg Status	First Name	Default Email	Outbound cal...	User agent info	Endpoint IP:
101	TIRA-101	REG_ON			All - (default)	SIPjs/0.15.10	62.16.14.248
102	TIRA-102	REG_OFF			All - (default)		

Create Extension

Remove

#### 4. Создание IVR меню и добавление туда локальных телефонов операторов

Create new PBX

Reload PBX

Commit

Current Tenant:

default

Dashboard

User Status

Administrators

Tenants

Trunks

DIDs

Tenant Defaults

Feature Codes

Default Music-on-Hold

Default Recordings

Black List IP

Current Tenant PBX

Extensions

Inbound DIDs

Outbound Routes

Auto Attendant

Media

Ring Groups

Page Groups

Queues

Conferences

Feature Codes

Call Center Functions

Reports

IVRMenu

Add Auto-atten...

Auto-Attendant name	Media type	Default T...	Welcome message	Digit time...	How long ...	Delay bef...	Ring Whil...	Allow dial...	Allow fea...	Allow dial...
Виртуальный Секретарь	Text to speech	English (US di...	Hello you called to regions telecom pr...	default			30 0	yes	yes	yes
Русский Секретарь	Text to speech	Русский(yand...	Добрый день вы позвонили в компа...	default			30 0	yes	yes	yes
Украинский Секретарь	Text to speech	Українська(ua...	Доброго дня ви зателефонували в компанію Регіон. Натисніть 1 для зв'язу з оператором	default			30 0	yes	yes	yes

Edit IVRMenu

Auto-Attendant name:

Русский Секретарь

Description:

Попытка русского

Welcome announcement:

Media type:

Text to speech

Default TTS Language:

Русский(yandex)

Welcome message:

Добрый день вы позвонили в компанию Регион. Нажмите 1 для связи с оператором

Delay before playing,ms:

0

Options:

How long wait for selection,s:

30

Allow dial local extension:

yes

Allow dial external numbers:

no

Allow feature codes:

yes

special selection: i - invalid selection pressed; t - no input(timeout reached);

#	Play type	Play in menu	Preview	Action	Destination/Options
1	no			Playback Text	Вы нажали 1
2	no			Extension	101

Save

Cancel

Debug

## 5. Подключение номеров к меню с помощью входящей маршрутизации

The screenshot shows the 'Inbound' configuration page for a PBX system. The left sidebar contains a navigation menu with options like Dashboard, User Status, Administrators, Tenants, Trunks, DIDs, Tenant Defaults, Feature Codes, Default Music-on-Hold, Default Recordings, Black List IP, Current Tenant PBX, Extensions, Inbound DIDs (selected), Outbound Routes, Auto Attendant, Media, Ring Groups, Page Groups, Queues, Conferences, Feature Codes, Call Center Functions, and Reports.

The main content area is titled 'Inbound' and shows two configured DIDs:

- DID 7965627:** Append CNAME Tag, Is enabled? yes, Description: Inbound 7965627. The routing table shows: From: Monday, Till: Sunday, Start: 00:00:00, End: 23:59:00, Route To: Auto-Attendant, Destination: Виртуальный Секретарь.
- DID 0737041824:** LifeCell, Is enabled? yes, Description: LiveCell 0737041824. The routing table shows: From: Monday, Till: Sunday, Start: 00:00:00, End: 23:59:00, Route To: Auto-Attendant, Destination: Русский Секретарь.

Buttons for 'Save', 'New', 'Delete', and 'Discard' are available for each DID configuration.

## Прием звонка в панели оператора

The screenshot shows the operator panel interface at the URL <https://callc.tira.com.ua/crm/>. The interface includes a user profile for 'admin' (Global administrator) and a navigation menu with options: Состояние, Мэнджер, and Телефон.

The main area displays an incoming call notification: 'Входящий звонок: [LifeCell] 380506426558 <+380506426558> via Inbound DID : undefined'. Below this, the number '101' is shown with a 'Registered' status and a power icon. A red arrow points to this notification.

At the bottom, there is a 'Набрать номер' (Dial number) input field and a numeric keypad with buttons for digits 1-9, \*, 0, and #.