



# adportas TarifiKall

v. 8

Accounting and billing  
system

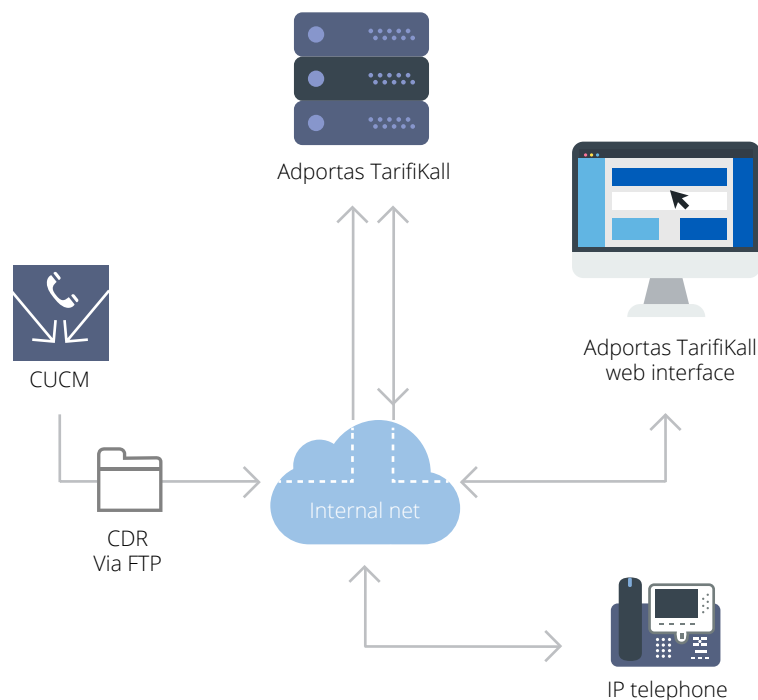


## 1. Description.

*Adportas TarifiKall* is an accounting and billing system designed to effectively control the flow of phone calls for any company looking to lower its corporate phone bills. It also provides immediate and detailed information of a company's phone calls and how its telephone service is being used, resulting in higher executive efficiency and productivity, as well as reducing costs.

*Adportas TarifiKall* extracts information for all calls from the *CDR* archives (call details records) generated in the *Cisco CUCM*, regardless of extension used within the *VoIP* platform, using a system user password, extension number or *FAC* code.

## 2. Adportas TarifiKall architecture.



## 3. Adportas TarifiKall main functionalities.

### 3.1 Consulting.

*Adportas TarifiKall* features call information consulting using filters such as extension, type, date and others.

### 3.2 Consumption.

*Adportas TarifiKall* generates phone consumption lists, by individual, group or cost center.

### 3.3 History.

*Adportas TarifiKall* analyzes consumption history by individual, group or cost center.

### 3.4 Records.

Adportas TarifiKall links outgoing calls to users over extension number, password or FAC code used.

### 3.5 Reports.

Adportas TarifiKall generates different types of reports:

- Detailed monthly reports per individual Service Provider.
- Reports per cost center, including details such as "10 highest consuming individuals".
- Bi-annual reports, including details such as land line, cell phone, local and long distance.
- Overall company consumption reports, including details such as type of call (land line, cell phone, local and long distance).
- Comparative month to month variation reports.

## 4. Administrator web portal.

### 4.1 Calls.

This option searches and displays all records for placed calls using filters such as ID, duration, counterpart, password, user, company, cost center, date and duration.

The screenshot shows the 'Calls' section of the Adportas TarifiKall Administrator web portal. The interface includes a sidebar with search filters and a main table displaying call records.

**Search Filters (Left Sidebar):**

- Call ID:
- Extension:
- Counterpart:
- Access key:
- User:
- Company:
- Minimum cost:
- Maximum cost:
- Type:
- Rank date:
- Since date:
- Until date:
- Minimum duration:
- Maximum duration:
- Records per page:
- 
- Total records: 0

**Call Records Table:**

Partition	Extension	Counterpart	Pass	Date	Hour	Duration (Sec.)	Type	Cost	User	Company	Partition Counterpart
pt-extension	00000	4342662	3a45	19/05	00:00	3526	↑	\$300	Daniela Topaz	UCME	pt-local
pt-extension	112	3564327	3r31	19/05	00:00	123	↑	\$200	Emergency	UCME	pt-local
pt-extension	133	2424747	246a	19/05	00:00	11	↑	\$80	Yerko Palma	UCME	pt-local
pt-extension	424	4342656	t341	19/05	00:00	235	↑	\$300	Ignacio Lara	UCME	pt-local
pt-extension	305	3457743	t32g	19/05	00:00	745	↑	\$600	Dominik Strak	UCME	pt-local

**Buttons:** Pricing, History, Calls, Statistics, Configuration, Sessions, Logout, Excel

**Extension:** Extension number participating in a call, incoming or outgoing.

**Type:** Incoming or outgoing.

**Number:** Counterpart phone number participating in a call, incoming or outgoing.

**Date:** Date in which call was placed.

**Starting time:** Time in which call was initiated.

**Duration:** Call duration.

**Password:** Password assigned to user.

**Cost:** Overall cost of call.

**User:** Name of user assigned to a number or password.

**Cost center:** Name of cost center associated with user.

**Partition:** Name of the corresponding partition of a call.

#### 4.2 Extensions.

This area permits editing, adding or deleting extensions associated with the system. These can later be assigned to specific users to achieve control of the exact consumption per extension and user, as well as the cost center to which the telephone is associated.

N°	Extension	Description	User
1	00000	Secretary	Daniela Topaz
2	112	Building Emergency	Building Emergency
3	133	Finance	Yerko Palma
4	424	General manager	Ignacio Larraín
5	305	Administrator	Dominik Strakovia
6	206	Human resources	Jaime Matrinez
7	127	Operations	Antonia Saez
8	843	Mechanical maintenance	Luis Cancino
9	1239	Electric maintenance	Tomás Gómez
10	1420	Bodega	Antonio Puelma
11	131	Joaquín Argal	Joaquín Argal
12	1212	Don Black	Don Black
13	1453	Ara Mayorca	Ara Mayorca
14	1424	Mary Johansen	Mary Johansen
15	1625	Nick García	Nick García
16	1246	Nicolás Velásquez	Nicolás Velásquez

#### 4.3 Passwords.

This area permits editing, adding or deleting passwords for each registered user.

These passwords also help a user be identified, login and place calls from any network telephone, and the costs be directed to the associated cost center.

N°	Password	Description	User
1	235245767	Javiera Montero	jmontero
2	521gy3356	Fran Troncoso	ftroncoso
3	vwreg5563	Pablo Robles	probles
4	578358y57	Ignacia Larraín	secretary_geren
5	15478e577	Diego Fuentes	admin
6	3352452h5	Dominik Strakovia	dstrakovia
7	34535422j	Antonia Saez	asaez
8	345342535	Luis Cancino	lcancino
9	252425h47	Tomás Gómez	tgomez
10	4565789jg	Teo Winston	twinston
11	14146h357	Daniela Topaz	design
12	09807868g	Antonia Puelma	apuelma
13	1018374h4	Luis Cancino	jltores
14	20283h4dk	María de los Angeles Sepia	masepia
15	102837y3j2	Vero Pérez	vperez
16	02934ike1	Daniela Topaz	dtonaz

#### 4.4 Users.

This area permits entering users to the system and associate them with an extension and password.

adportas TarifiKall v.8 Logout

Extensions Passwords **Users** Costs Center Partitions Sessions Back

User:   
 Description:   
 Extension:   
 Cost Center:   
 Records per page: 25  
 Search:   
 Total records: 21567

Nº	User	Description	Extension
1	jmontero	Javiera Montero	LUIP-Sa
2	ftroncoso	Fran Troncoso	LUIP-Sa
3	probles	Pablo Robles	LUIP-Sa
4	secretary_manager	Ignacia Larraín	LUIP-Sa
5	admin	Diego Fuentes	LUIP-Sa
6	dstrakovia	Dominik Strakovia	LUIP-Sa
7	asaez	Antonia Saez	LUIP-Sa
8	lcancino	Luis Cancino	LUIP-Sa
9	tgomez	Tomás Gómez	LUIP-Sa
10	twinston	Teo Winston	LUIP-Sa
11	design	Daniela Topaz	LUIP-Sa
12	apuelma	Antonia Puelma	LUIP-Sa
13	jltorres	Luis Cancino	LUIP-Sa
14	masepia	María de los Angeles Sepia	LUIP-Sa
15	vperez	Vero Pérez	LUIP-Sa
16	dfonaz	Daniela Fonaz	LUIP-Sa

New Delete

1 2 3 4 5 6 7 8 9 10 > >>

#### 4.5 Costs centers.

This area permits editing, adding or deleting company cost centers to be then associated with corresponding users.

adportas TarifiKall v.8 Logout

Extensions Passwords Users **Costs Center** Partitions Sessions Back

Cost Center:   
 Description:   
 Type: All  
 Records per page: 25  
 Search:   
 Total records: 21567

Nº	Cost Center	Description	Type
1	LUIP-Sa > Companies >> Atlanta	Atlanta	basic
2	LUIP-Sa > Companies >> Ohio2	Ohio2	basic
3	LUIP-Sa > Companies >> Cabo Negro	Cabo Negro	basic
4	LUIP-Sa > Companies >> Cullen	Cullen	basic
5	LUIP-Sa > Companies >> L.A.	L.A.	basic
6	LUIP-Sa > Companies >> Ohio	Ohio	basic
7	LUIP-Sa > Companies >> Maipu	Maipu	basic
8	LUIP-Sa > Companies >> N.Y.	N.Y.	basic
9	LUIP-Sa > Companies >> San Fernando	San Fernando	basic
10	LUIP-Sa > Companies >> Central	Central Building	basic
11	LUIP-Sa > Companies >> ASA	ASA	intermediate2
12	LUIP-Sa > Companies >> Las Vegas	Las Vegas	superior
13	LUIP-Sa > Companies >> Chicago	Chicago	intermediate
14	LUIP-Sa > Companies >> Wisconsin	Wisconsin	intermediate
15	LUIP-Sa > Companies >> Denver	Gregorio	basic
16	LUIP-Sa > Companies >> DIAO	Maqallanes city	intermediate

New Delete

1 2 3 4 5 6 7 8 9 10 > >>

#### 4.6 Partitions.

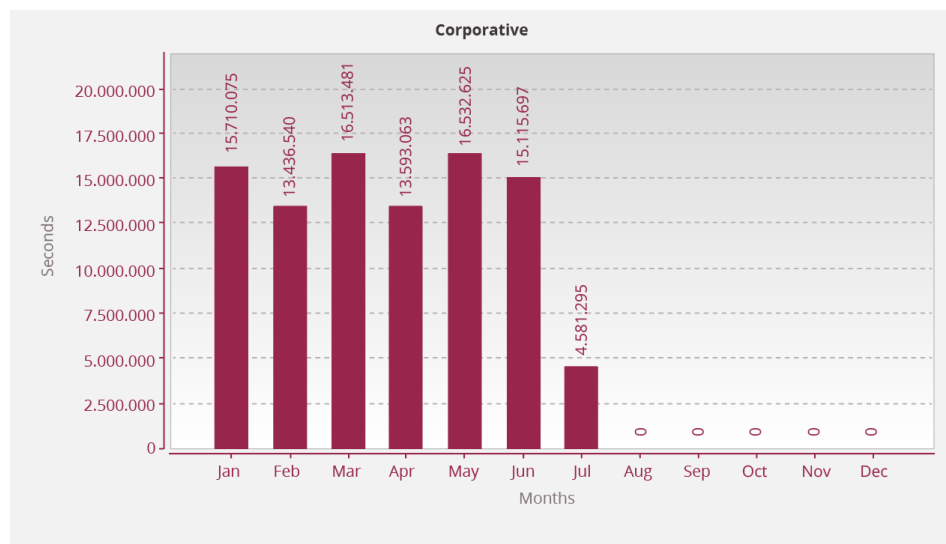
Since there are many type of calls (LDN, LDI, cellular), internal and others, as well as different telephony providers with varying rates, it is important to create as many partitions are necessary to separate this diversity in the most granular way possible and obtain a detailed number of alternatives for adequate billing.

N°	Partition	Description	Second value	Prefix
1	200 Emergency		0	Prefix
2	611 Emergency		0	Prefix
3	611 Emergency		0	Prefix
4	7900 Emergency		0	Prefix
5	Extension 3131		0	Prefix
6	Extension 3133		0	Prefix
7	Extension 3132		0	Prefix
8	Extension 3134		0	Prefix
9	Extension 3562		0	Prefix
10	Extension 2990		0	Prefix
11	Thin Battery		0	Prefix
12	Thin Battery		0	Prefix
13	Block 3200		0	Prefix
14	CALLCENTER		0	Prefix
15	CALLCENTER		0	Prefix
16	Capitania Punta Delgada Port		0	Prefix

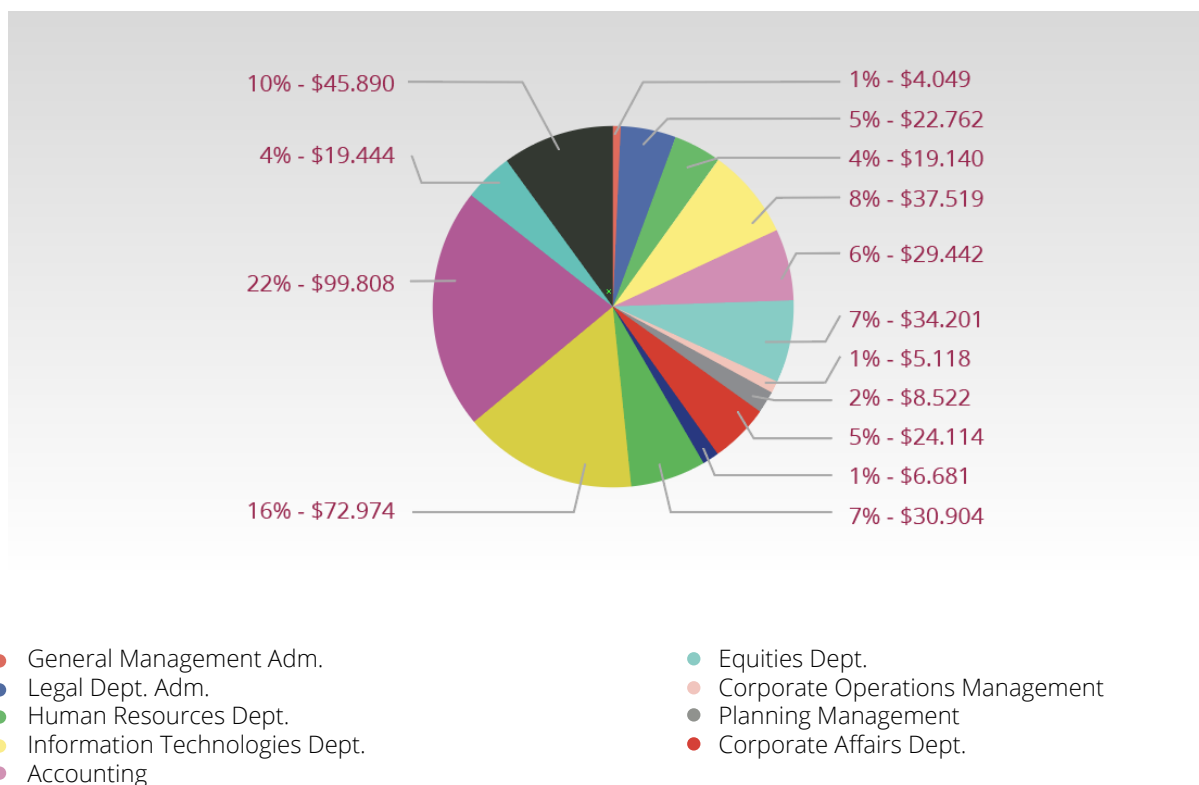
#### 4.7 Chart.

Adportas TarifiKall provides several chart options that display the amount of incoming, outgoing and internal calls by period or cost center, per day, week or month. Records per graphic are divided as following:

- Monthly
- Weekly
- Daily
- Comparative, users: waterfall and pie
- Comparative, cost centers: waterfall and pie



### Costs center comparative pie chart:



## Requirements

### Adportas TarifiKall server

Cisco CUCM version 8.0 or higher  
OS Linux CentOS 6 or higher  
Remote access for installation and configuration  
Network access for Cisco CUCM access  
Send configuration of CDR via FTP from CUCM for Adportas TarifiKall.

### Administrator web portal

Intranet http connection  
Creation of users and associated telephones