



MANUAL OF USER TARIFICADOR
SIPTAR



MANUAL OF USER CDR SIPTAR AND REPORTS.

Date: 2009.





MANUAL OF USER TARIFICADOR
SIPTAR

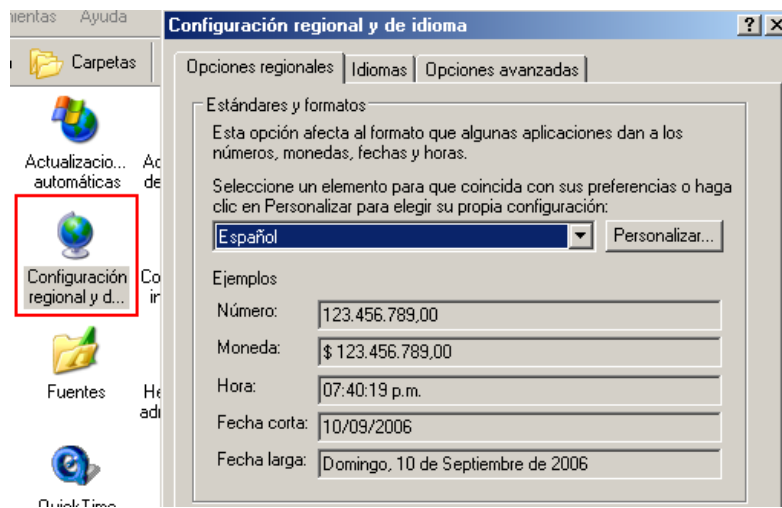
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1. Ingreso al Tarificador SipTar.

Importante:

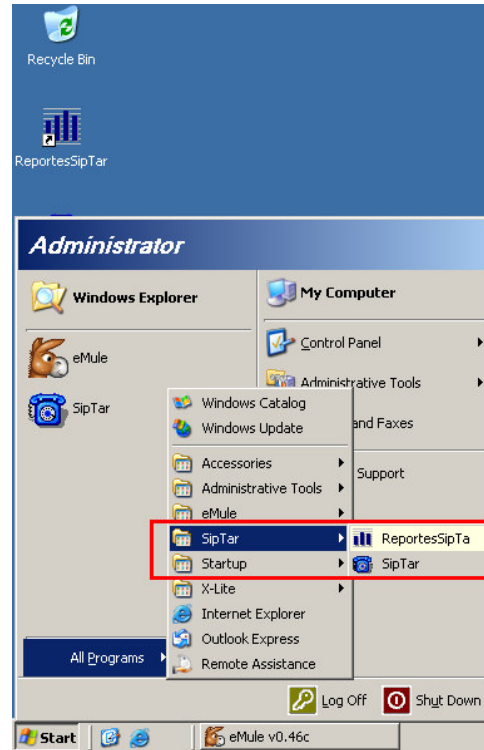
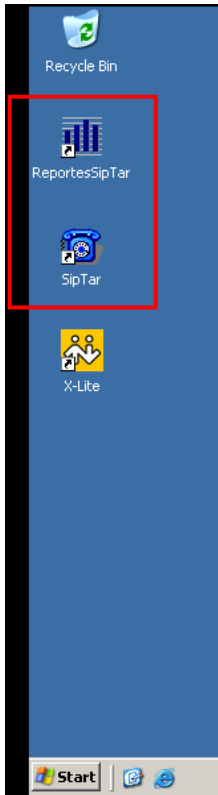
Antes de comenzar debemos garantizar que la configuración regional del equipo tenga esta configuración, El idioma no es importante lo importante es el formato de Numero y Moneda.



Una vez se tiene instalada las aplicaciones **SipTar** y **ReportesSipTar** se puede ingresar a ellas usando los accesos directos del escritorio o los que están ubicados en el menú inicio de Windows.

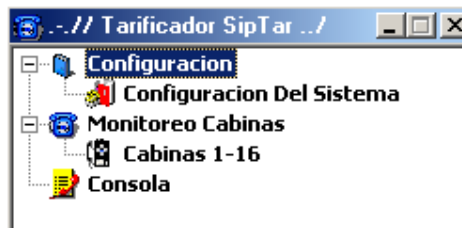
SipTar 2009

MANUAL OF USER TARIFICADOR SIPTAR



2. Utilities of the SipTar.

The SipTar is the main software of the solution, this application must be always in execution because she is the one in charge of monitorear what this happening in the different cabins, if this software is not open did not register the calls that are made from the cabins that the SipTar controls.



In the menu of configuration of the system are the sections that will allow to parametrizar software to obtain a maximum yield and that this adjusts to the necessities of the business.

Configuration Company:

A screenshot of the 'Configuracion SipTar' application window. The window has a title bar with the text 'Configuracion SipTar' and standard window controls. Below the title bar is a tabbed interface with five tabs: 'Indicativos, Utilidades y mail', 'Cabinas', 'Empresa' (selected), 'Configuracion Varios', and 'Licencia'. The main content area is titled 'Informacion Empresa' and contains several text input fields with labels: 'Empresa:' (value: el-hueco.com), 'NIT:' (value: 98627611), 'Representante:' (value: JUAN FELIPE ANGEL ARBOLEDA), 'Direccion:' (value: CRA 81#32-63 MANZANA H APT 516), 'Telefono:' (value: 4150450), and 'Fax:' (value: 4150450). At the bottom of the form are two buttons: 'Editar' (with a pencil icon) and 'Salvar' (with a checkmark icon).

In this the initial datas of the company are formed, these data are used by the file of license for a correct operation by this is not due to change no of these data in the application.

Additionally this is the information with which the impression of receipts is made.

Configuration Cabins:

In this section the cabin is formed, for this it is necessary to know direction IP the Gateway and port TCP by where it sends the communication. It is not recommended to make modifications in this I modulate, the modifications in this I modulate them must make the administrator of the system or an enabled technician in the installation of the solution.

The screenshot shows a Windows-style application window titled "Configuracion SipTar". The window has a menu bar with the following items: "Indicativos, Utilidades y mail", "Cabinas" (which is the active tab), "Empresa", "Configuracion Varios", and "Licencia". The main content area is titled "SELECCIONE LA CABINA A CONFIGURAR" and contains a dropdown menu with "Cabina1" selected. Below this, there are several input fields and dropdown menus:

- CABINA:** Input field containing "Cabina1".
- TIPO DE GATEWAY:** Dropdown menu with "SIPURA" selected.
- LINEA DEL GATEWAY:** Dropdown menu with "LINE0" selected.
- DIRECCION IP:** Input field containing "192.168.1.197".
- PUERTO:** Input field containing "5060".

Below these fields is a button labeled "Configuracion Automatica del GateWay" with a small icon. At the bottom of the window, there are two buttons: "EDITAR" (with a small icon) and "Salvar" (with a checkmark icon).

Configuration Indicative, utilities and sent email.

Indicatives:

In this window it is possible to be administered all related to the costs and the sale prices of all the destinies. In the window of Indicatives they are possible manually to be modified the cost in dollars of each one of the destinies.

Configuracion de Indicativos

COD	DESTINO	COSTO	VENTA
1	USA	0,018	400
1204	Canada - Manitoba	0,018	400
1242	Bahamas	0,0456	400
1242357	Bahamas - mobile	0,0456	400
1242359	Bahamas - mobile	0,0456	400

BUSCAR INDICATIVO

INDICATIVO:

Tarifa por Minuto \$:

TARIFA MINUTO + IVA:

DESTINO:

Additionally it allows to make search by indicative and to visualize the tariff per minute and Destino.

Utilities:

In the window of utilities it is had a very innovating administrator of gains who allows you to setear of fast way the sale price according to three basic parameters that are:

Minimum gain, sale price in % and minimum gain in \$, software automatically with these three rules calculates the advisable sale price but according to these three parameters, conserving but the favorable one for each one of the destinies.

Redondeo in multiples:

It allows to form the value of sale approach, that is to say, if a value of \$50 is had, the sale prices will be in multiples of \$50 thus: \$500, \$550, \$600.... Etc

The screenshot shows the 'Configuracion SipTar' window with the 'Utilidades' tab selected. The 'Administrador de Utilidades' section contains the following fields:

- IVA%:** 0
- TRM:** 33
- Indicativos que inician con:** Todos
- Ganancia Minima %:** 40
- Precio de Venta:** 5
- Ganancia Minima \$:** 1
- Redondeo en Multiplos de \$:** 1

Below these fields is a 'SET' button. The 'Actualizacion TRM Automaticamente' section includes a checkbox for 'Actualizar TRM y Tarifas Automaticamente', which is currently unchecked, and two text input fields for 'Direccion TRM http://' and 'Direccion Tarifas http://'. At the bottom is a 'Guardar' button with a green checkmark icon.

Update of TRM and tariffs automatically, this utility allows to update the value of the TRM and the costs of the minutes to some destinies, for this is necessary to have published these values in Internet.

Examples of the use of the administrator of Gains:

Next was an example of how it operates the administrator of gains.

Example Colombian Currency:

In Colombia to buy a dollar \$2,500 pesos Colombian are required, for that reason the value of the TRM must be 2500 Parameter IVA is left in 0, because it is not going away to receive no tax on the sale of minutes. We go to apply this rule to all the Indicatives, for that reason we placed All.

In sale price we placed 500 because we want that the economic call but is sold in \$500 pesos Colombian.

In Minimum Gain %, we placed 40 because we want to gain a 40% in all the minutes. Minimum gain in \$ placed 100 because we are wanted to win like minimum \$100 by every minute.

The screenshot shows a web interface with three tabs: 'Indicativos', 'Utilidades', and 'Envio e-mail'. The 'Utilidades' tab is active. Below the tabs is the title 'Administrador de Utilidades' and a sub-section 'Administrador de Ganancias'. The configuration fields are as follows:

IVA%	<input type="text" value="0"/>	TRM	<input type="text" value="2500"/>
Indicativos que inician con:	<input type="text" value="Todos"/>	Ganancia Minima %	<input type="text" value="40"/>
Precio de Venta	<input type="text" value="500"/>	Ganancia Minima \$	<input type="text" value="100"/>
Redondeo \$	<input type="text" value="100"/>		

At the bottom of the configuration area is a 'SET' button.

Let us see this routine in action with the costs of fixed and cellular England.

Indicativos
Utilidades
Envio e-mail

Configuracion de Indicativos

◀ ◀ ▶ ▶ + - ▲ ✓ ✕ ↻

Indicativo	4478
Destino	UK - mobile
Tarifa \$	0,234
Venta:	900

COD	DESTINO	COSTO	VENTA
441	UK	0,0132	500
442	UK	0,0132	500
4470	UK - Personal	0,396	1400
4477	UK - mobile	0,234	900
4478	UK - mobile	0,234	900

Cargar Cambios en Memoria

England Fixed has a cellular cost of US\$ 0,0132 dollars and of US\$ 0,234. In Colombian Pesos it was thus: Fixed England: $2500 \times 0.0132 = \$33$ Cellular England: $2500 \times 0.234 = \$585$ The Following picture shows as the SipTar analyzes the possible sale prices and selects but the optimal one for the business.

	COST	SELL WHIT GAIN 40%	SELL WHIT GAIN OF \$100	MINIMAL SELL PRICE	SELECT SELL PRICE	SELECT SELL PRICE WHIT ROUND
INGLATERRA	33	46,2	133	500	500	500
INGLATERRA MOBIL	585	819	685	500	819	900

SipTar **2009**

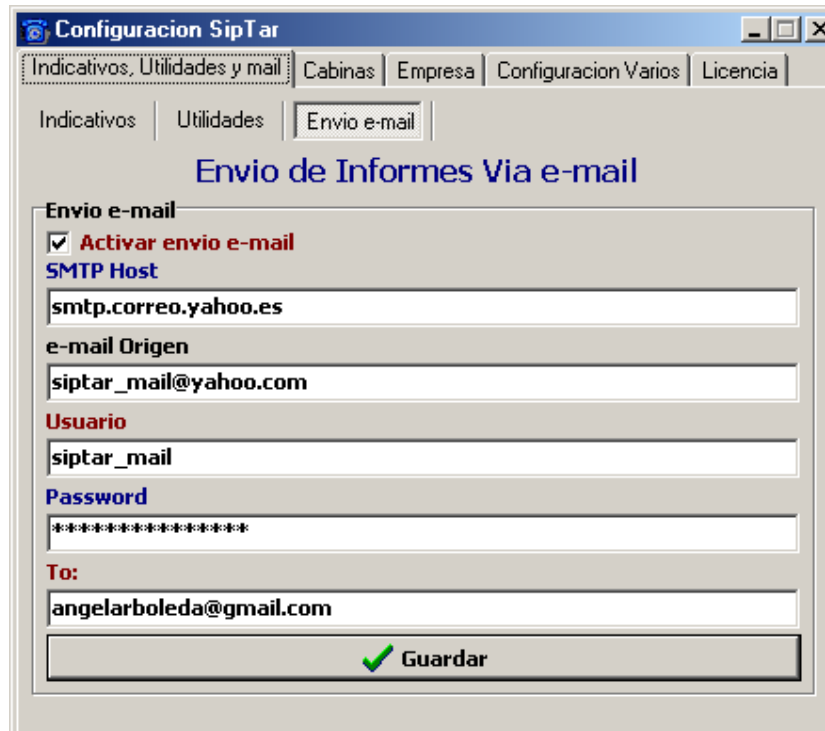
MANUAL OF USER TARIFICADOR SIPTAR

It is as well as fixed England that has a cost of \$33 ends up selling in \$500 since with a gain of 40% or a minimum gain of \$100 the sale price is inferior to \$500.

Meanwhile for Cellular England the cost is of \$585, the best sale price is \$819 that is 40% of gain, soon the SipTar clears it to \$900 because I clear selected was in multiples of \$100.

It sent email:

Another one of the novel utilities of the system is the one of sent of email of the daily results, this allows to be able to have a control of the daily business. The data of user and password of the account are due to have, as well as the servant smtp who was used. By defect the SipTar uses an account in yahoo that provides east service.



The screenshot shows a Windows-style application window titled "Configuracion SipTar". It has a menu bar with "Indicativos, Utilidades y mail", "Cabinas", "Empresa", "Configuracion Varios", and "Licencia". Below the menu bar, there are tabs for "Indicativos", "Utilidades", and "Envio e-mail". The main content area is titled "Envio de Informes Via e-mail" and contains the following configuration options:

- Envio e-mail**
 - Activar envio e-mail**
 - SMTP Host**
smtp.correo.yahoo.es
 - e-mail Origen**
siptar_mail@yahoo.com
 - Usuario**
siptar_mail
 - Password**

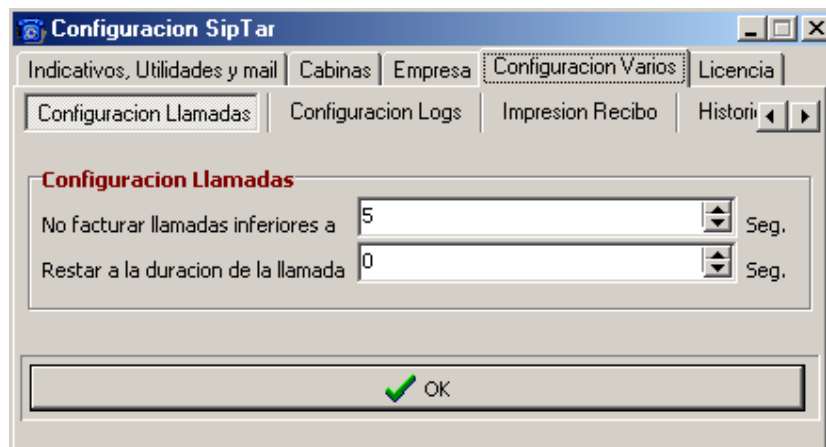
 - To:**
angelarboleda@gmail.com
- Guardar** (with a green checkmark icon)

Window of Configuration of the System:

In this window the parameters of the system are formed between which they are:

Configuration called:

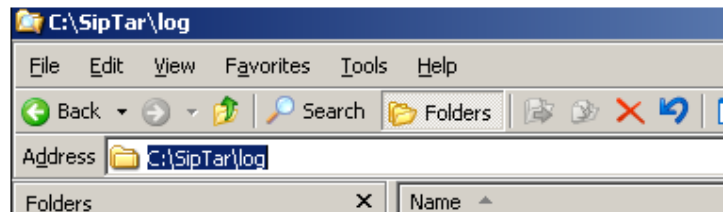
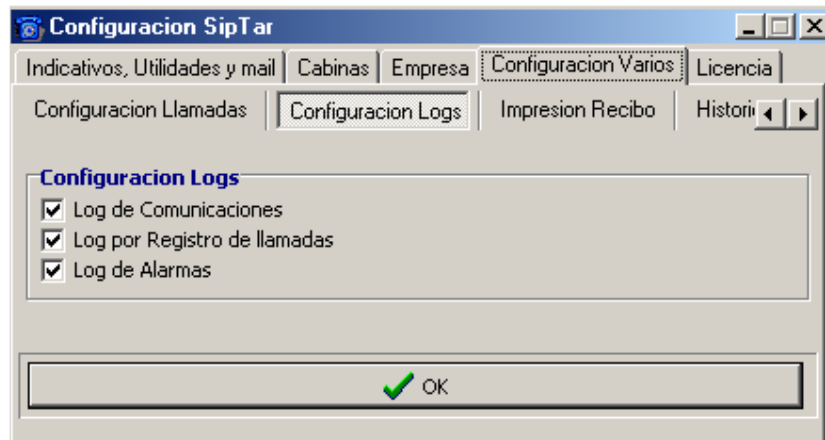
In this window the times are formed that can alter the duration of the call, can be indicated to the system that does not invoice inferior calls XXX to seconds, this way one can avoid the annoying inferior situation to invoice to the client called for example to 5 seconds. One is due to consider that this configuration can improve the perception of the service on the part of the client but it can bring differences in the invoiced thing by the supplier of VoIP and what it invoices the SipTar since some suppliers of VoIP invoice all the calls without concerning the duration of the call.



The second parameter allows to reduce to the always called duration about XXX seconds, this is useful to use it with some suppliers of VoIp that place when initiating the call a message, this can be mitigated using this parameter.

Configuration logs:

In this different section they are possible to be activated or to deactivate logs that it has the system, logs they are stored in the folder logs within the SipTar folder.



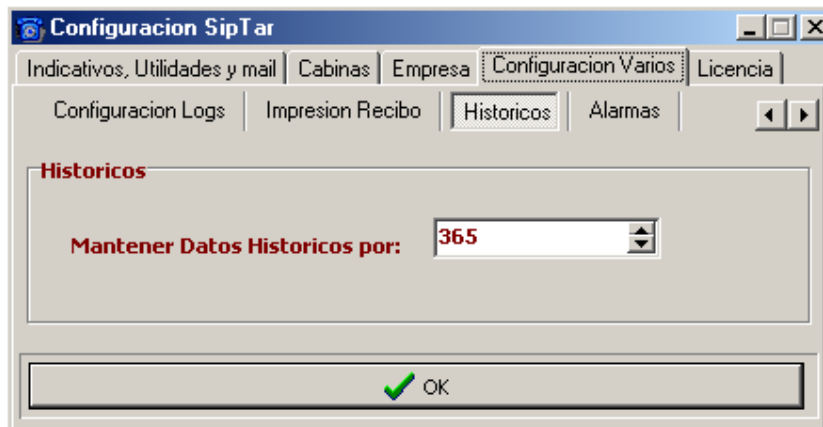
Impression Receipt:

In this window the dimensions of the receipt and the currency can be formed with which the system will imprimará the receipt.



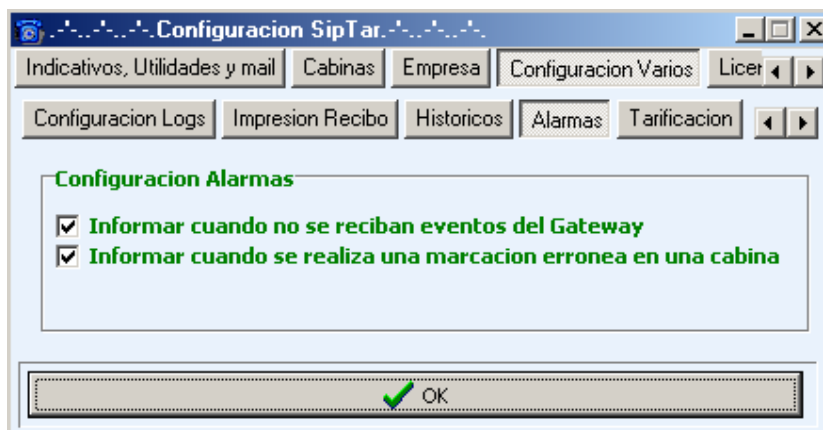
Configuration Historical:

In this they ventan says to the system whichever days to him of historical information was stored in the data base, by defect the system stores 365 days of information (a year), nevertheless the system can store until a million information calls. (Limitation of Access) This limitation can be corrected using robust data bases but like Oracle (If it wishes to connect the SipTar to a data base but robust it contacts with angelarboleda@gmail.com)



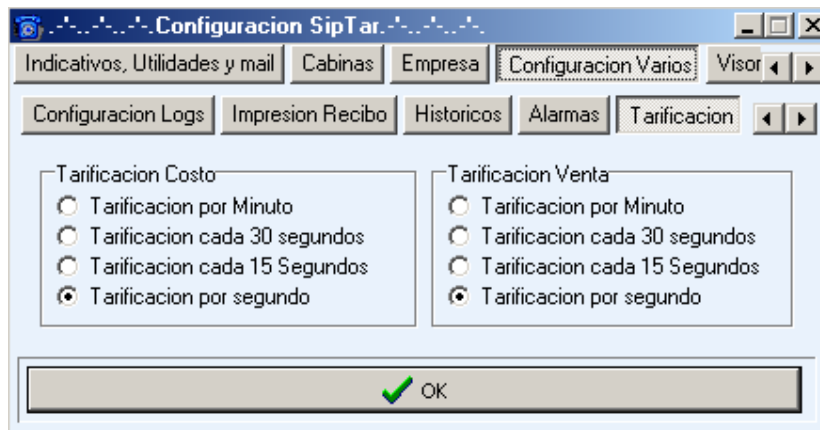
Configuration Alarms:

In this window it is possible to be activated or to be deactivated the different alarms that the SipTar generates.



Tarificación configuration:

This functionality allows to form the SipTar so that it invoices in different time intervals, this allows to invoice per minute or every 30 second or every 15 seconds per second, this functionality is even very useful if your supplier invoices to you per second and if you want to make this advantage to your clients extensive.



3. Monitoreo Cabins

In order to make the monitoreo of cabins one is due to enter the section cabins 1-16

The screenshot displays the SipTar 2009 application interface. The top window shows a tree view with the following items: Configuración, Configuración Del Sistema, **Monitoreo de Cabinas** (highlighted), Reportes Ventas, Reportes Historicos, and Alarmas. Below this, a larger window titled 'Cabina 1.-.4, 5.-.8, 9.-.12, 13.-.16.' contains four monitoring panels for Cabina 1, Cabina 2, Cabina 3, and Cabina 4. Each panel includes fields for 'Llamadas' (calls), 'Tiempo(Seg)' (time), 'Destino' (destination), 'Tarifa x Minuto \$' (rate), 'Minutos' (minutes), and 'Monto + IVA \$' (amount). Cabina 1 is 'Conectado' (connected) with 2 calls and a total amount of \$1,400.00. Cabina 2 is 'Marcando' (calling) with 2 calls and a total amount of \$1,000.00. Cabina 3 and Cabina 4 are 'Disponible' (available) with 0 calls and a total amount of \$0.00. At the bottom, there is a search section for 'Indicativo' (prefix) and a table of call history.

CABINA	FECHA	HORA	DNIS	DESTINO	TARIFA	SEG	MIN	TOTAL
1	2006/09/03	22:03:58	5743119651	Colombia Medellin	700,00	18	1	700,00
2	2006/09/03	22:04:01	5243119651	Mexico	500,00	18	1	500,00
1	2006/09/03	22:04:28	5743119651	Colombia Medellin	700,00	18	1	700,00
2	2006/09/03	22:04:31	5243119651	Mexico	500,00	18	1	500,00

This window allows to make the monitoreo of 16 cabins (those activate that have lawyers). In each cabin is all the information of the cabin and the calls that are being made.

The screenshot shows a software window with the following elements:

- Buttons: "Cabina 1", "Historico", "Control"
- Status: A green dot indicates the cabin is correctly communicating with the software.
- Fields:
 - Llamadas: 2
 - Tiempo(Seg): 00:01
 - Destino: 5743119651 Colombia Medellin
 - Tarifa x Minuto \$: 700,00
 - Minutos: 1
 - Monto + IVA \$: 1.400,00
- Buttons: "Limpiar", "Imprimir"
- Other: A "Conectado" button with a person icon.

The point: green it indicates if the cabin correctly this communicating with software, otherwise it appears a red point.

Indicator of calls: In this it is possible to be visualized I number of calls that the user has made who is in this cabin. Seg time: In this the duration of the present call visualizes or it completes call that was hung.

Destiny: In this the destiny of the call can be visualized that this being made or the destiny of completes call which I am made.

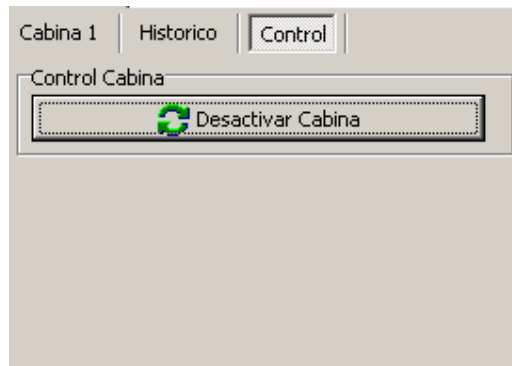
It prices X Minute: In this point the sale price of sale of the call can be visualized that this being made in a moment of time or the one of the previous call, is important to write down that this sale price does not include the IVA.

Minutes: Are the minutes of the call that finishes finalizing, is important to clarify that the system clears the seconds superficially, that is to say, if a call lasts of 61 seconds the tarifica system 2 minutes.

Amount + IVA: In this item it appears the total of the call or the calls that this making a client, this is the value to invoice to him to the client after using the cabin.

Button To print: With this button the invoice of the client is printed who finishes using a certain cabin.

Control: This sub window allows you to activate or to deactivate the cabin, this is used to come up that a cabin is used by determines reason during a labor day



Search of Indicatives and Destinies: This I modulate allows to make search of tariffs by destiny or indicative, this allows to inform to the client the different tariffs to him before it makes the call

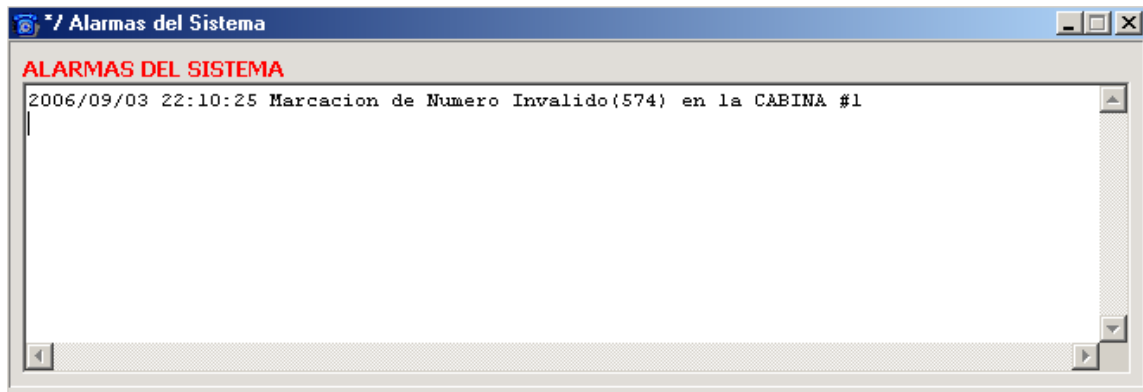
Indicativo				
Indicativo:	Destino	Tarifa	Tarifa+ IVA	
58	Venezuela	500,00	500,00	

Destino				
Indicativo:	Destino	Tarifa	Tarifa+ IVA	
49	Alemania	500,00	500,00	

In order to be able to make searches by indicative or destiny click with the left button is due to place mouse on the Indicative word or Destiny and to give.

4. Consol.

In this I modulate are possible to be visualized the alarms that the system generates



5. SipTarReports

The application SipTar Reports allows to generate 6 reports, which are parametrizable per date beginning, date aim and the cabin.

The screenshot shows a software window titled "Reportes Sip Tar". The main heading is "Llamadas por Cabina". On the left, there is a list of six radio button options:

- 1. Llamadas por Cabina
- 2. Llamadas y Minutos por Dia
- 3. Detalle llamadas
- 4. Llamadas por destino
- 5. Llamadas y Minutos por hora
- 6. Llamadas por Dia de la Semana

To the right of the list, there are two date selection fields:

- Fecha Inicio: 31/05/2006
- Fecha Fin: 31/05/2006

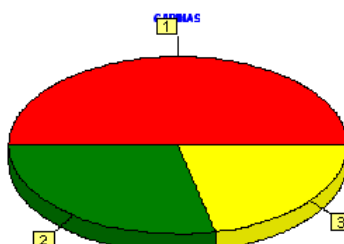
Below the date fields is a dropdown menu labeled "Cabina" with the value "Todas". At the bottom of the form is a button labeled "Procesar".

Calls by cabin: This report allows to visualize the data by cabin, calls, minutes, cost and gain.

REPORTE 1. LLAMADAS POR CABINA.

DESDE 01/05/2006 HASTA 31/05/2006

CABINA	LLAMADAS	MINUTOS	COSTO	COBRO	GANANCIA
1	7	7	2686	4000	1314
2	4	5	2156	3600	1444
3	3	3	210	1200	990
TOTAL	14	15	5.052	8.800	3.748

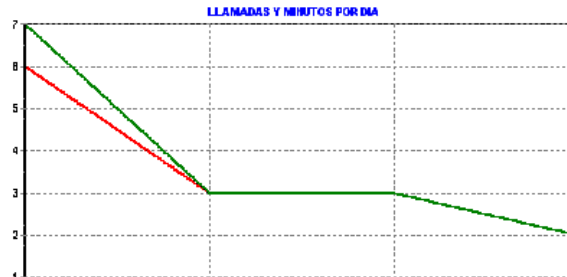


Calls and Minutes per day: With this report you will be able to visualize of fast way as it was the day with greater amount of sales of minutes and calls

REPORTE 2 LLAMADAS POR DIA.

DESDE 01/05/2006 HASTA 31/05/2006

DIA	LLAMADAS	MINUTOS	COSTO	COBRO	GANACIA
20060516	6	7	2833	4800	1967
20060517	3	3	210	1200	990
20060530	3	3	1067	1600	533
20060531	2	2	942	1200	258
TOTAL	14	15	5.052	8.800	3.748



Detail called: This report allows to visualize the detail of each one of the calls, DNIS, Destiny, date, hour, duration in seconds and per minute, the cost, collection without IVA, IVA and the Gain.

REPORTE 3. DETALLE LLAMADAS.

DESDE 01/05/2006 HASTA 31/05/2006

CABINA	DNIS	DESTINO	FECHA	HORA	DURA (SEG)	DURA (MIN)	COSTO	COBRO SIN IVA	IVA	GANANCIA
2	599416242	Antillas Holandesa	20060516	124911	90	2	1925	2400	0	475
1	346274163	España Cel	20060516	125047	57	1	600	800	0	200
1	349154471	España Madrid	20060516	125916	4	1	77	400	0	323
2	349154471	España Madrid	20060516	130108	31	1	77	400	0	323
2	349154471	España Madrid	20060516	130153	2	1	77	400	0	323
2	349154471	España Madrid	20060516	130203	16	1	77	400	0	323
3	130537339	USA Miami Florida	20060517	192851	19	1	70	400	0	330
3	130537339	USA Miami Florida	20060517	193120	28	1	70	400	0	330
3	130537339	USA Miami Florida	20060517	193938	20	1	70	400	0	330
1	574311965	Colombia	20060530	233737	6	1	471	600	0	129

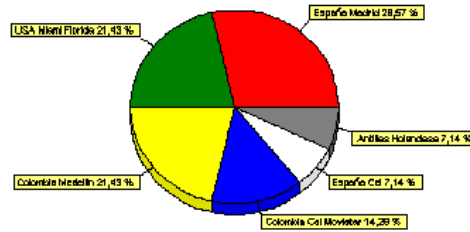
Calls by Destiny: This report allows us of fast way to know as it is the destiny to which but it is called, as well as to know whichever minutes, cost, collection and gain is had to these destinies.

**REPORTE 4.
LLAMADAS POR DESTINO.**

DESDE 01/05/2006 HASTA 31/05/2006

DESTINO	LLAMADAS	MINUTOS	COSTO	COBRO	GANANCIA
España Madrid	4	4	308	1600	1292
USA Miami Florida	3	3	210	1200	990
Colombia Medellin	3	3	1413	1800	387
Colombia Cel Movistar	2	2	596	1000	404
España Cel	1	1	600	800	200
Antillas Holandesa	1	2	1925	2400	475
TOTAL	14	15	5.052	8.800	3.748

LLAMADAS POR DESTINO

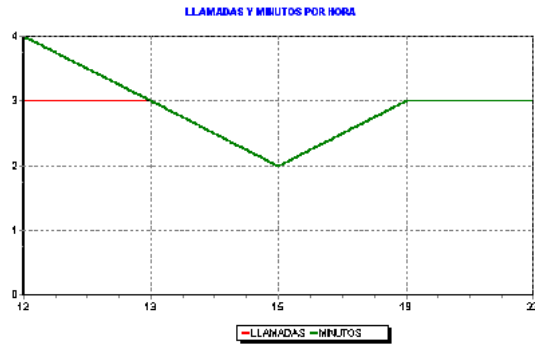


Calls per hour: With this report we will be able to know that hours of the day are those of but occupation.

REPORTE 5. LLAMADAS POR HORA.

DESDE HASTA
01/05/2006 31/05/2006

HORA	LLAMADAS	MINUTOS	COSTO	COBRO	GANANCIA
12	3	4	2602	3600	998
13	3	3	231	1200	969
15	2	2	942	1200	258
19	3	3	210	1200	990
23	3	3	1067	1600	533
TOTAL			15	5.052	8.800
				3.748	



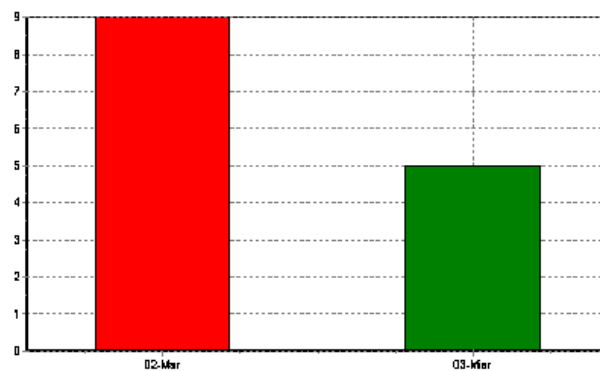
Calls per day week: This report will allow to know us as it is the day of the week with but and less movement.

REPORTE 6. LLAMADAS POR DIA SEMANA

DESDE 01/05/2006 HASTA 31/05/2006

DIA SEMANA	LLAMADAS	MINUTOS	COSTO	COBRO	GANANCIA
02-Mar	9	10	3900	6400	2500
03-Mar	5	5	1152	2400	1248
TOTAL	14	15	5.052	8.800	3.748

LLAMADAS POR DIA SEMANA



Nombre de archivo: user manual - english.doc
Directorio: C:\Users\Juan Felipe\Documents
Plantilla: C:\Users\Juan
Felipe\AppData\Roaming\Microsoft\Plantillas\Normal.dotm
Título:
Asunto:
Autor: Juan.Angel
Palabras clave:
Comentarios:
Fecha de creación: 07/07/2003 08:50:00 a.m.
Cambio número: 363
Guardado el: 19/12/2008 12:13:00 a.m.
Guardado por: Juan Felipe
Tiempo de edición: 1.193 minutos
Impreso el: 19/12/2008 01:14:00 a.m.
Última impresión completa
Número de páginas: 28
Número de palabras: 1.882 (aprox.)
Número de caracteres:10.357 (aprox.)