



CYBERHOTEL PRESENTATION & SETUP

You have just plugged Cyberhotel and you can see IP on appliance LCD
If you use server iso version this Howto is also suitable.

Now open your browser on other same network computer and enter IP
This is what you can see.



[Voicemail & Recordings \(ARI\)](#)

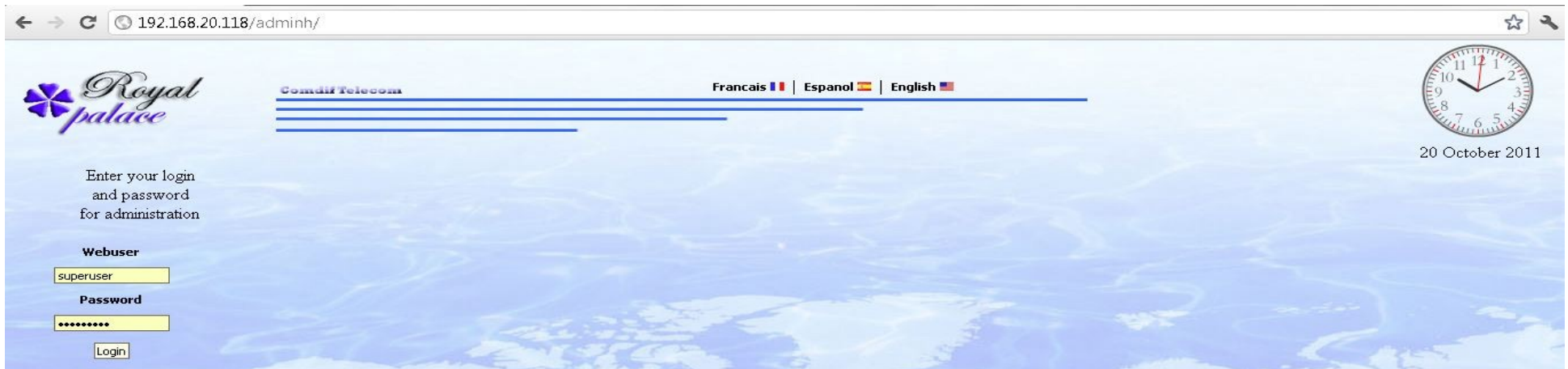
[Flash Operator Panel \(FOP\)](#)

[FreePBX Administration](#)

[CyberHotel Administration](#)

Select cyberhotel and login with superuser/superuser

- this login/password is for advanced functions, you will
- then use user/user for normal usage



You are in now and see empty screen with only left menu



Comdif Telecom

Francais  | Espanol  | English 

Rooms

Wake-up

Hotspot

Report

number pool

Administration expert

Main administrator



Right, now your first job is to create the rooms, click on Administration expert
And you'll be directly in room interface.

You can create all rooms one by one with Register new user.
But I have better speed method to do that.



Comdifi Telecom

Francais  | Espanol  | English 

Basic

Rooms

Rates and routing

PBX admin

System configuration

Carrier administration

Customisation

Network test tools

Network advanced conf

Admin management

Logs

Rooms

To edit details click on the 'i' button, to delete click on X. To add please look at the right side.

Customer overview				
Rooms	Username	SIP-Number	Balance	Status
				Register a new user

[Bulk import from file](#)

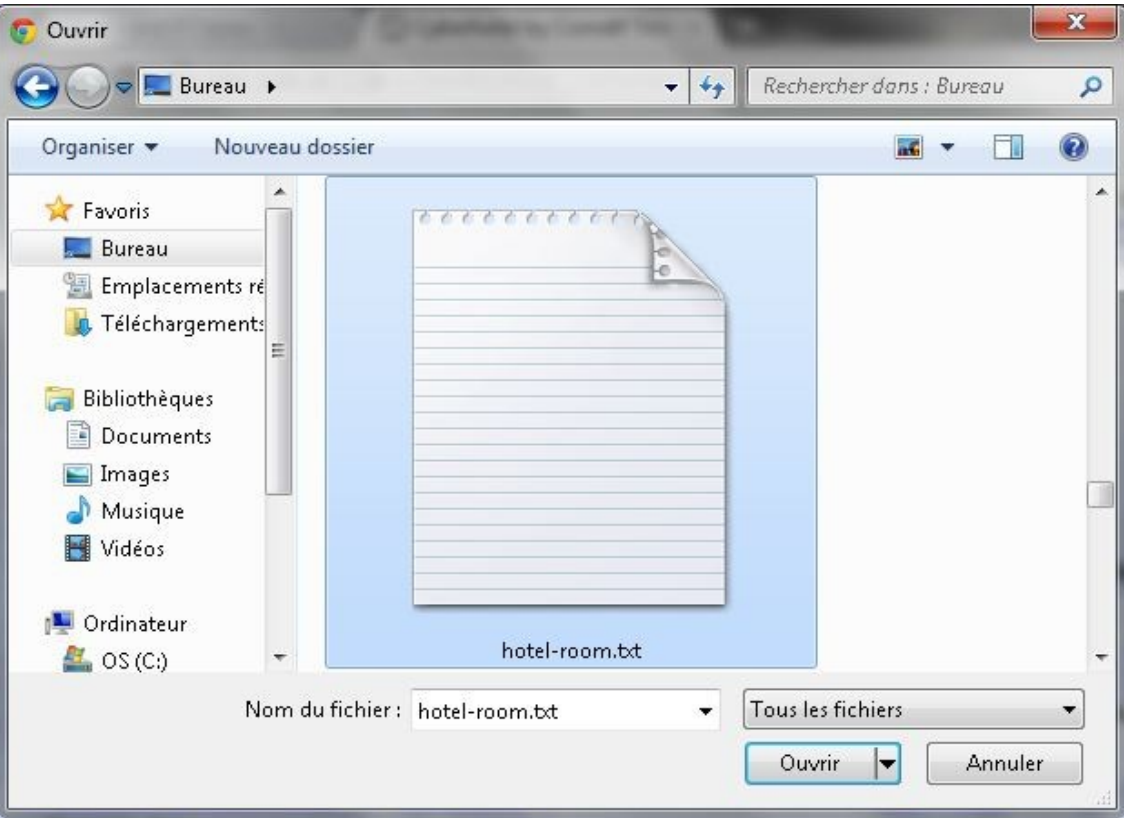
[Bulk import from file for administrative phones on freepbx](#)

You have to create a text file like this one and save it on your computer

First is the room name on this example it's "Chambre 100", then the separator is the ; then phone number, other ; Sip password and finally two ; ;
The file must contain only that !

```
Chambre 100;100;02Mypass01;;  
Chambre 101;101;02Mypass01;;  
Chambre 102;102;02Mypass01;;  
Chambre 103;103;02Mypass01;;  
Chambre 104;104;02Mypass01;;  
Chambre 105;105;02Mypass01;;  
Chambre 106;106;02Mypass01;;  
Chambre 107;107;02Mypass01;;  
Chambre 108;108;02Mypass01;;  
Chambre 109;109;02Mypass01;;  
Chambre 110;110;02Mypass01;;  
Chambre 201;201;02Mypass01;;  
Chambre 202;202;02Mypass01;;  
Chambre 205;205;02Mypass01;;
```

Finally click on bulk import from file and select this file from your computer
Just like that :



français | Espanol | English

upload text file with room data, this is a very speed way for setup!

format is:

room name;number;password;did

room name;number;password;did

we have one available put the five last digits only, eg: 55544 for 05 55 55 44

if room have no did format is:

room name;number;password;

room name;number;password;

Choose a file to upload:

Choisissez un fichier

Aucun fi...r choisi

Upload File

Once file is imported validate the creation and then you will have:

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To edit details click on the 'i' button, to delete click on X. To add please look at the right side.

Customer overview					
Rooms	Username	SIP-Number	Balance	Status	
Chambre 100	100	100	0,00	★	<i>z</i> X
Chambre 101	101	101	0,00	★	<i>z</i> X
Chambre 102	102	102	0,00	★	<i>z</i> X
Chambre 103	103	103	0,00	★	<i>z</i> X
Chambre 104	104	104	0,00	★	<i>z</i> X
Chambre 105	105	105	0,00	★	<i>z</i> X
Chambre 106	106	106	0,00	★	<i>z</i> X
Chambre 107	107	107	0,00	★	<i>z</i> X
Chambre 108	108	108	0,00	★	<i>z</i> X
Chambre 109	109	109	0,00	★	<i>z</i> X
Chambre 110	110	110	0,00	★	<i>z</i> X
Chambre 111	111	111	0,00	★	<i>z</i> X
Chambre 112	112	112	0,00	★	<i>z</i> X
Chambre 113	113	113	0,00	★	<i>z</i> X
Chambre 114	114	114	0,00	★	<i>z</i> X
Chambre 115	115	115	0,00	★	<i>z</i> X
Chambre 116	116	116	0,00	★	<i>z</i> X
Chambre 117	117	117	0,00	★	<i>z</i> X
Chambre 118	118	118	0,00	★	<i>z</i> X
Chambre 119	119	119	0,00	★	<i>z</i> X
Chambre 120	120	120	0,00	★	<i>z</i> X

If you are not comfortable to create file and import it, you can do it by hand
Just click on Register new user

User administration>
Please enter all informations

Password *

Re-enter Password *

First name

SIP number ▼

Direct number ▼

Enter two times the Sip password

"First name" is the room name as displayed on the interface

Select then the SIP number

Room phone number on Cyberhotel are 3 digits numbers from 100 to 999
the best way is to have same phone number as room number if possible.

If you have already setting up DID numbers before, you can select number for the room
No worry for setting up did numbers here if you don't know what is it, it will be explained
on this doc and you can make it later with another function.

Return now on basic interface with the link and you can see now that all rooms are ready !

The screenshot shows a web browser window with the URL `192.168.20.118/adminh/index.php#SELF`. The page header features the 'Royal palace' logo, the text 'Comdix Telecom', and language options for 'Francais', 'Espanol', and 'English'. A clock in the top right corner shows the time as approximately 10:10 and the date as '20 October 2011'. The main content area is titled 'Chambres' and displays a grid of 120 rooms, each with a 'Check-in' button. The rooms are organized into three rows: the first row contains rooms 100-109, the second row contains rooms 110-119, and the third row contains room 120. A 'Super administrateur' section is also visible at the bottom left, with a 'STOP' button.

If you setup now a SIP phone or gateway for a room it should work for internal calls and Functions.

But the goal is as well to make external calls, to do it you must have a SIP provider. You can setup a provider with two ways depending if you want to use same provider for hotel rooms and administrative phones.

Basically for the hotel's rooms, most hotels don't need high quality Sip provider and caller number displayed on called phone CLI. In this case you can use cheap carrier's offer and setup carrier here on Administration expert >> Carrier administration

Royal palace
Comdif Telecom

Francais | Espanol | English

- Basic
- Rooms
- Rates and routing
- PBX admin
- System configuration
- Carrier administration**
- Customisation
- Network test tools
- Network advanced conf
- Admin management
- Logs

Provider	Action
	Add new Provider

Host	Username	Refresh State
------	----------	---------------

Just enter here Sip username, password and Sip server url or IP
Let Use as default to yes and it will be auto programmed on the default routing table

Add Carrier
Here you can add new carriers.

Use it as default

Username	<input type="text" value="username"/>
Password	<input type="text" value="password-sip"/>
Carrierhost (e.g. voip-provider.com)	<input type="text" value="sip.provider.com"/>
Sometime carrier need FROMUSER different than USER if yes please enter the fromuser value here or leave it empty	<input type="text"/>
Trunk from FreePBX? select here and leave all other fields blank	<input type="text"/>
<input type="button" value="Create carrier"/>	

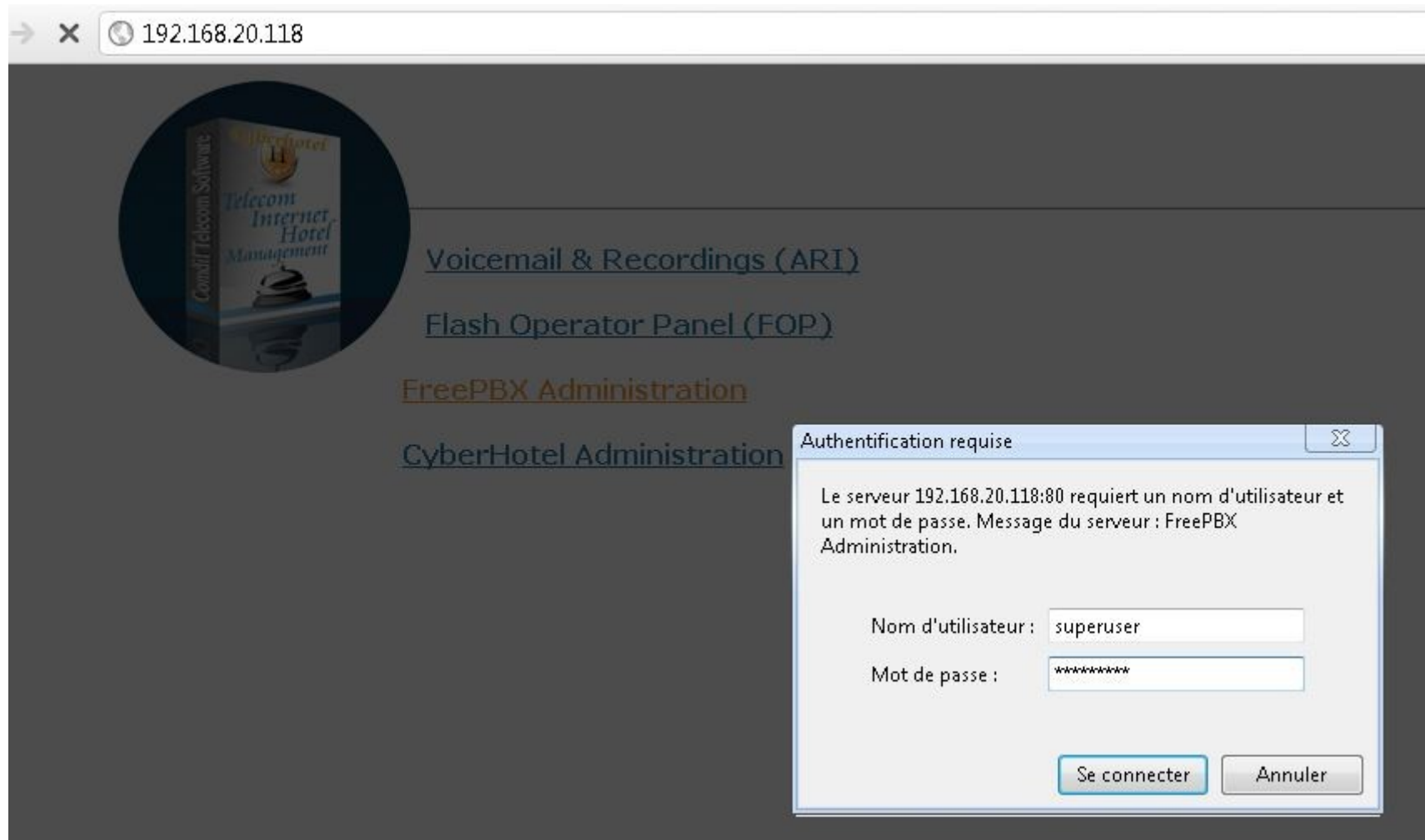
Carrier administration

Provider	Action
	<input type="button" value="Add new Provider"/>

If your provider support register, you will see after the register state.

Let me show you now how to setup general carrier on freepbx GUI
Just go now on <http://server>

Select FreePBX Administration and enter superuser/superuser



The screenshot shows a web browser window with the address bar displaying "192.168.20.118". The main content area features a circular logo on the left and a list of menu items on the right: "Voicemail & Recordings (ARI)", "Flash Operator Panel (FOP)", "FreePBX Administration" (highlighted in brown), and "CyberHotel Administration". An authentication dialog box titled "Authentication requise" is overlaid on the bottom right. The dialog contains the following text: "Le serveur 192.168.20.118:80 requiert un nom d'utilisateur et un mot de passe. Message du serveur : FreePBX Administration." Below this text are two input fields: "Nom d'utilisateur :" with the value "superuser" and "Mot de passe :" with a masked password "*****". At the bottom of the dialog are two buttons: "Se connecter" and "Annuler".

Then select Trunks menu and Add Sip Trunk

Enter all conf from Sip provider and select Make it available for Cyberhotel and as default route

← → ↻ 192.168.20.118/admin/config.php?display=trunks&tech=SIP

- Feature Codes
- General Settings
- Outbound Routes
- Trunks
- Administrators
- Inbound Call Control
- Inbound Routes
- Zap Channel DIDs
- Day/Night Control
- Follow Me
- IVR
- Ring Groups
- Time Conditions
- Time Groups
- Internal Options & Configuration
- Music on Hold
- System Recordings
- Third Party Addon
- Custom Contexts

Trunk Name:

Outbound Caller ID:

CID Options:

Maximum Channels:

Disable Trunk: Disable

Monitor Trunk Failures: Enable

Dialed Number Manipulation Rules

() + |

+ Add More Dial Pattern Fields Clear all Fields

Dial Rules Wizards:

Outbound Dial Prefix:

Outgoing Settings

Make it available for Cyberhotel ?

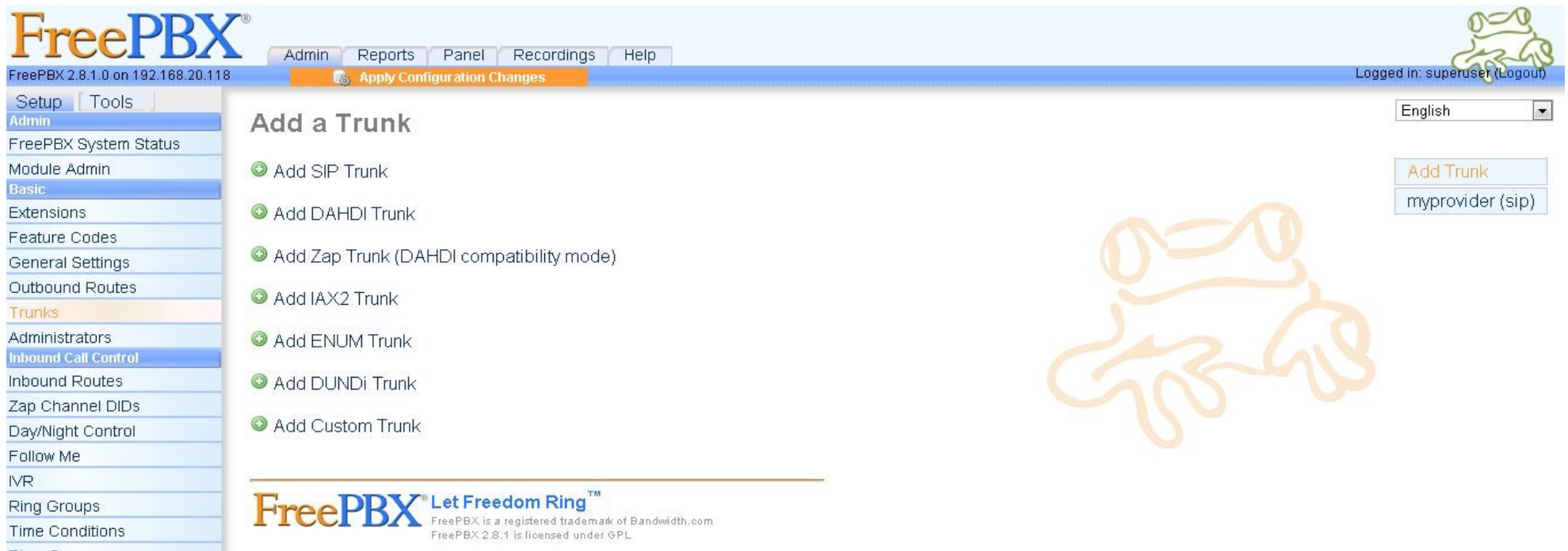
If yes use it as default route for Cyberhotel ?

Trunk Name:

PEER Details:

```
host=sip.myprovider.com
username=user
secret=password
type=peer
insecure=port
nat=yes
```

Apply configuration change and return to Cyberhotel GUI



The screenshot displays the FreePBX 2.8.1.0 web interface. The top navigation bar includes 'Admin', 'Reports', 'Panel', 'Recordings', and 'Help'. A blue banner at the top right shows 'Logged in: superuser (Logout)' and a language dropdown set to 'English'. The left sidebar contains a menu with categories like 'Setup', 'Tools', 'Admin', 'Basic', 'Extensions', 'Feature Codes', 'General Settings', 'Outbound Routes', 'Trunks', 'Administrators', 'Inbound Call Control', 'Inbound Routes', 'Zap Channel DIDs', 'Day/Night Control', 'Follow Me', 'IVR', 'Ring Groups', and 'Time Conditions'. The main content area is titled 'Add a Trunk' and lists several options with green plus icons: 'Add SIP Trunk', 'Add DAHDI Trunk', 'Add Zap Trunk (DAHDI compatibility mode)', 'Add IAX2 Trunk', 'Add ENUM Trunk', 'Add DUNDI Trunk', and 'Add Custom Trunk'. On the right side of the main area, there is a large orange outline of a frog. Below the main content, there is a footer with the FreePBX logo and the text 'Let Freedom Ring™' and 'FreePBX is a registered trademark of Bandwidth.com. FreePBX 2.8.1 is licensed under GPL.'

Go on Administration Expert and Rates and routing
Just enter for example a or b or 0 in box and click ok.
You must see now all routes using the carrier name from Freepbx as it:



Basic

Name /Prefix Ok

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Rates and routing

Destination	Provider	Prefix	Purchase	Sale	Connect Cost	Include Sec.	Action
Abkhazia	myprovider	007840	4,8	40,0	0	0 Seconds	z X
Abkhazia Mobile	myprovider	007940	5,7	40,0	0	0 Seconds	z X
Abkhazia Mobile - Aquafon	myprovider	0079409	5,6	40,0	0	0 Seconds	z X
Afghanistan	myprovider	0093	20,5	40,0	0	0 Seconds	z X
Afghanistan Mobile	myprovider	00937	20,5	40,0	0	0 Seconds	z X
Afghanistan Mobile - At	myprovider	009375	20,7	40,0	0	0 Seconds	z X
Afghanistan Mobile - AWCC	myprovider	009370	18,9	40,0	0	0 Seconds	z X
Afghanistan Mobile - Etisalat	myprovider	009378	18,2	40,0	0	0 Seconds	z X
Afghanistan Mobile - MTN	myprovider	009377	19,8	40,0	0	0 Seconds	z X
Afghanistan Mobile - Roshan	myprovider	009379	19,7	40,0	0	0 Seconds	z X
Albania Mobile	myprovider	003556	6,2	40,0	0	0 Seconds	z X
Albania Mobile - AMC	myprovider	0035568	19,7	40,0	0	0 Seconds	z X
Albania Mobile - Eagle Mobile	myprovider	0035567	20,0	40,0	0	0 Seconds	z X
Albania Mobile - Vodafone	myprovider	0035569	18,7	40,0	0	0 Seconds	z X
Albania Proper	myprovider	00355	5,4	40,0	0	0 Seconds	z X
Albania Tirane	myprovider	003554	4,9	40,0	0	0 Seconds	z X
Algeria	myprovider	00213	7,0	40,0	0	0 Seconds	z X
Algeria Algiers	myprovider	0021322	7,0	40,0	0	0 Seconds	z X
Algeria Algiers	myprovider	0021321	7,0	40,0	0	0 Seconds	z X
Algeria Algiers	myprovider	0021320	7,0	40,0	0	0 Seconds	z X

Create new rate

If provider is empty or show other name than you want, return on Carrier administration and delete it with red cross, then use Add new provider and use it as default yes. See here :

Carrier administration

Provider	Action
myprovider	
Add new Provider	

Red cross to delete carrier
It will only delete it for Cyberhotel GUI

If you use appliance version you can only select "Trunk from FreePBX" Use it as default And Create carrier.

Add Carrier
Here you can add new carriers.

Use it as default

Username	<input type="text"/>
Password	<input type="text"/>
Carrierhost (e.g. voip-provider.com)	<input type="text"/>
Sometime carrier need FROMUSER different than USER if yes please enter the fromuser value here or leave it empty	<input type="text"/>
Trunk from FreePBX? select here and leave all other fields blank	<input type="text" value="myprovider"/>
<input type="button" value="Create carrier"/>	

Carrier administration

Provider	Action
Add new Provider	

Check again routing table to see if carrier is good for all destinations.

Normally system is ready to work but before check-in a room you can go on Administration Expert and System configuration to adjust your system, this is important to generate good Check-in ticket, invoices and more

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Configure here your system.

Company

Name

Last name

Tax number

Street

Postal code

City

Country

Phone number

Fax number

Email

Show usersystem?

PHONETAX for PHONE and WIFI Enter here the X number eg. 1.196 for 19.6% TAX

Enter the 3 ISO letters for your money USD or EUR

Design 4 for low resolution 5 to 10 for high resolution

Door phone 6 digits service code

Door phone hard opcode

ACTIVATE IVR system, enter phone number:

Default language

Nat for bedroom phones ? yes or no, for security no is the best choice

Background JPG uploaded

Change timezone to

- PHONETAX define the TAX for example no tax enter 1 or 20% tax enter 1.2
- Enter your currency (what you want)
- Design is the number of rooms displayed on a line on front-end

Let 3 others lines empty for now

- Default language select what you want

Save

- Now return and set your timezone, this is important for wake up system

Save

- Finally click on AUTOCONF FOP if you are sure the actual Cyberhotel IP is OK

Now, good new, ready to make some call test

Return to basic page and check-in a room, just enter a name and let Unlimited

The screenshot shows a web browser window with the address bar displaying `192.168.20.118/adminh/index.php`. The page features the 'Royal palace' logo and 'Comdif Telecom' branding. A sidebar on the left contains navigation links: *Rooms*, *Wake-up*, *Hotspot*, *Report*, *number pool*, *Administration expert*, and *Main administrator*. The main content area displays a grid of room check-in buttons, each labeled 'Chambre' followed by a number (100, 104, 110, 114, 120) and a 'Check-in' button with a bed icon. A modal dialog box titled 'WELCOME - Google Chrome' is open, showing a form with the following fields: 'Limit' with a dropdown menu set to 'Unlimited', and 'Customer name' with a text input field containing 'mycustomer'. An 'OK' button is located below the input fields. The background of the page is a light blue map of Europe.

It will create a ticket with all informations for customer and make the phone available for the outside calls

The screenshot shows a web browser window displaying the 'Royal palace' administration interface. The main page has a blue background with a world map and lists various services: Rooms, Wake-up, Hotspot, Report, number pool, Administration expert, and Main administrator. A modal window titled 'WELCOME - Google Chrome' is open, showing details for 'Chambre 100'.

Modal Window Content:

- 2011-10-20 14:14
- Wifi login: mycustomer
- Password: lectopig
- Code porte: *985785
- Numero direct: +33(0)469665526
+ code: 10081
- Rooms: 100
- Buttons: [Close](#) [Print](#)

Main Page Content:

- Logo: **Royal palace**
- Comdif Telecom
- Services: Rooms, Wake-up, Hotspot, Report, number pool, Administration expert, Main administrator
- Room 100: **Chambre 100**, Calls: 0, [Check-in](#)
- Room 110: **Chambre 110**, [Check-in](#)
- Room 120: **Chambre 120**, [Check-in](#)
- Room 104: **Chambre 104**, [Check-in](#)
- Room 114: **Chambre 114**, [Check-in](#)
- STOP button

Configure a softphone with server/login/password infos

The screenshot shows a web browser window with the address bar displaying `192.168.20.118/adminh/index.php`. The page features the 'Royal palace' logo and 'Comdif Telecom' branding. A language menu at the top right includes 'Francais', 'Español', and 'Engl'. On the left, a sidebar lists menu items: 'Rooms', 'Wake-up', 'Hotspot', 'Report', 'number pool', 'Administration expert', and 'Main administrator'. The main content area displays a grid of room management options, each with a 'Check-in' button and a 'Calls' counter. A 'Login...' dialog box is overlaid in the center, containing the following fields:

- SIP IP/Domain: 192.168.20.118
- Username: 100
- Password: [masked]
- Save:

The dialog box has 'Login' and 'Cancel' buttons at the bottom.

Room	Icon	Check-in	Calls
Chambre 100		Check-in	0
Chambre 103		Check-in	
Chambre 104		Check-in	
Chambre 110		Check-in	
Chambre 111		Check-in	
Chambre 112		Check-in	
Chambre 113		Check-in	
Chambre 114		Check-in	
Chambre 120		Check-in	

Send a call if your phone is registered, you can see the icone on Interface changing with a green phone

The image shows a web interface for 'Royal palace' with a 'Comdix Telecom' header and a 'Français' language selector. The interface includes a sidebar with menu items: 'Rooms', 'Wake-up', 'Hotspot', 'Report', 'number pool', and 'Administration expert'. The main content area displays 'Chambre 100' with a green phone icon and 'Calls : 0', 'Chambre 110' with a green phone icon and 'Check-in', and 'Chambre 120' with a green phone icon and 'Check-in'. A 'STOP' button is located at the bottom left. An 'AdoreSoftphone' window is overlaid on the right, showing a call status 'Ready to call...', 'Connected...' with a timer '00:00:25', and the number '0469685501'. The softphone interface includes a 'Call' button, a 'LOGIN' button, a 'Hang' button, and a numeric keypad with buttons for 1-9, *, 0, and #. Additional buttons for 'Phone Book', 'Audio Wizard', 'Recent Call', 'Redial', and 'Feed Back' are also visible.

On hangup, you can see now new icone with \$
This does mean this room have a phone bill.

The image shows a web interface for 'Royal palace' with a virtual phone overlay. The background is a light blue water ripple pattern. The 'Royal palace' logo is in the top left. The text 'Comdif Telecom' is in the top center, and 'Francais' with a French flag is in the top right. On the left, there are menu items: 'Rooms', 'Wake-up', 'Hotspot', 'Report', 'number pool', 'Administration expert', and 'Main administrator'. A 'STOP' button is at the bottom left. In the center, there are three room entries: 'Chambre 100' with a '\$' icon and 'Calls : 1', 'Chambre 110' with a bed icon and 'Check-in', and 'Chambre 120' with a bed icon and 'Check-in'. On the right, there are room numbers '103', '113', and 'n'. Overlaid on the right is a virtual phone interface titled 'AdoreSoftphone'. The phone screen shows 'Ready to call...', 'Disconnected', and a timer '00:00:39'. Below the screen is a numeric keypad with buttons for '1-9', '*', '0', and '#'. Above the keypad are buttons for 'Phone Book', 'Audio Wizard', 'Recent Call', 'Redial', and 'Feed Back'. The phone interface also has 'Call', 'LOGIN', and 'Hang' buttons.

For check-out, just click on Call, you can now transfert if you need, this invoice to other room or Print it (PDF) and finally click on Bill to check-out



Comdif Telecom

- Rooms
- Wake-up
- Hotspot
- Report
- number pool
- Administration expert

Chambre 100

 Calls : 4

Chambre 110

 Check-in

Chambre 120

 Check-in

Main administrator




Invoice

Issuer Invoice

Customer name: mycustomer
 Date: 2011-10-20
 Invoice: 111020100

MyHotel
 112 Road
 90000 Town

 Tel: +33 xxxxxxxxx
 Fax: +33 xxxxxxxxx
 Email: contact@myhotel

Telephone				
Rooms	Phone number	Duration/Min.	Price :	Destination
100	046966XXXX	1	0.1	France 04
100	062436XXXX	1	0.15	France 06 Mobile
100	003346966XXXX	2	0	France Fixed
100	046966XXXX	1	0.1	France 04
TOTAL Telephone		excl tax 0.29 EUR	VAT 0.06 EUR	incl tax 0.35 EUR
TOTAL Invoice		0.29 EUR	0.06 EUR	0.35 EUR

[Bill](#)

[Transfer>](#)

[Print](#)

Cyberhotel make very nice pdf invoice for printer



Invoice Telephone

Issuer Invoice

MyHotel
112 Road 90000 Town

Tel: +33 xxxxxxxxx Fax: +33 xxxxxxxxx
Email: contact@myhotel

Customer name : mycustomer
Date : 20-10-2011
Invoice : 111020100

Rooms	Phone number	Duration/Min.	Price :/incl tax	Destination
100	046966XXXX	1	0.1	France 04
100	062436XXXX	1	0.15	France 06 Mobile
100	003346966XXXX	2	0	France Fixed
100	046966XXXX	1	0.1	France 04

TOTAL Invoice	excl tax 0.29 EUR	VAT 0.06 EUR	incl tax 0.35 EUR
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SA xxxxxxxx

Tax number: FR xx xxx xxx xxx

OTHER FUNCTIONS

- On interface, select Wake-up menu, select a room number and wake-up time
Wake-up can be set here or from room phones by dialing 9999
or with you administrative phone dialing 9999101 to set Wake-up for room 101
- Cyberhotel include Wifi Hotspot system for all access points connected to the second network card, login password is created on checkin but you can also use the Hotspot menu to add guest account or cut active connexion or delete user
- Report menu to see call history and detailed comptability
- Cyberhotel, support direct room dial with DID number, use numberpool menu to define them
- Clean state system change interface icone when 6789 or 9876 ar dialed in room

Last magic functions are on Administration expert > System configuration

Cyberhotel support Door Entry systeme like the 2N Helios with keyboard.

Door phone 6 digits service code: enter here a permanent service code

Door phone hard opencode: enter here the hadware code for door entry system

If you enter something here, a code will be generated on eatch check-in and printed on Ticket, code is erased on check-out.

ACTIVATE IVR system, enter phone number, in case your provider give you an extra

DID number enter it here and all call for this number will go on an IVR

asking for a code to direct dial a room, this code is auto generated on check-in and displayed on ticket

On Cyberhotel, all PBX function for administrative phones use FreePBX GUI
FreePBX is the most supported Interface in the world and you can surely find
one thousands Howto.

Just some SPECIAL TIPS for Cyberhotel

- INBOUND routes DID number must contain only five last digits, for example
Number +568989745112 enter only 45112

- CUSTOM CONTEXTS is pre-installed
with two contexts named limited and pin
If you have for example services phones on wall, select one of them
to avoid anyone calling outside.

Limited make the phone only for internal
and pin ask for pin code to call outside.

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