Rates

Managing rates online

Managing rates online is very convenient for maintaining existing rate tables and for reference purposes. In the case of new price lists or major updates, the offline method is better.

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On the Tariff Management page, click the **Rates** icon for a tariff.

The filter at the top of the screen allows you to view rates depending on their Effective From date or Destination. The **Effective From** drop-down list allows you to define which rates to show:

- o "All" shows all rates (used until now including current rates and scheduled for the future).
- o "->Now" shows rates used until now including current rates.
- o "Now" shows only currently effective rates.
- o "Now->" shows current rates and those that will become effective in the future.

To edit an existing rate, click the **Edit** icon next to it to copy rate details into the form. Note that if a tariff contains peak and off-peak rates there will be two rows of fields: the top one is for peak rates, and the bottom one is for off-peak rates.

Usually you will enter rate data for each destination separately. However, if the tariff has a **Destination Group Set** defined, by clicking on **G** in the Destination column header you can switch into Destination Group mode. Now you can enter a destination group name (e.g. UK-Mobile) instead of a prefix, and the system will automatically create rates for all of the destinations in that group.

The Clean up Rates button allows you to remove rates that have an 'effective from' date set in the future.

Customer rates

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Field	Description
Destination	Destination prefix. May be entered directly, e.g. "47" for
	Norway; or you can access the destinations directory by
	clicking the Destination link. In the destinations directory
	pop-up window, you can search for the desired prefix by
	country name.

Set Inter/Intra	
	Switches between normal and inter / intra state rates for
State (only for the	US destinations. Click Set Inter / Intra State if price per
US destinations) /	minute depends not only on the actual destination (area
Set Normal	code and exchange), but also on whether the caller resides
Rating	in the same state as the called party.
Country	Country corresponding to the current destination.
Description	A short description of the specified destination.
Туре	Specifies the off-peak period for this particular rate.
First interval	First billing unit in seconds.
Next interval	Next billing unit in seconds.
Price first	Per minute price for first interval.
Price next	Per minute price for next interval.
Off-peak First	First billing unit in seconds for off-peak time.
interval	
Off-peak Next	Next billing unit in seconds for off-peak time.
interval	
Off-peak Price	Per minute price for first interval in off-peak time.
first	
Off-peak Price	Per minute price for next interval in off-peak time.
next	1 1
Second Off-	Per minute price for the first interval during the second
peak Price first	off-peak time.
Second Off-	Per minute price for the next interval during the second
peak Price	off-peak time.
next	1
Effective Time	Exact time when the rate becomes effective. Click the \mathfrak{O}
	icon to make the rate effective immediately. Click the DD-
	MM-YYYY link to set up the desired date using the pop-up
	calendar.
/fx	Indicates if this rate uses a call rating formula. The M icon
,	indicates that there is no formula, thus old-style rating is
	used. The ficon indicates that the rate already has a
	formula defined. Click on the icon to invoke the call rating
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	formula wizard
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Rate Properties Delete	 formula wizard. Payback Rate. This means that the customer is credited for using certain services, rather than paying for them (e.g. the service provider receives the termination fee for his own subscribers and wants to encourage his users to receive more calls by passing on a certain portion of these savings). Hidden. This means that the rate is excessive (e.g. there are usually more than 500 rates for Argentina mobile because of different prefixes). This flag does not affect usage of the rate by the billing engine. It simply indicates that this rate may be omitted when making a list of rates for the end user. Discontinued. This means that the rate will stop being active immediately or from the specified time-stamped date. To deactivate the rate in the future, specify a certain date and time in the Effective From field. Forbidden. This means that no calls are authorized for this particular destination.

Vendor rates

If you create a **Routing** type tariff, it will define the routing and termination costs for a connection to a vendor.

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Field	Description					
Route	You can split rates into categories such as "Premium",					
Category	"Cheap", etc. and use these categories in routing					
	plans. See the <u>Route Categories</u> section for more info.					
Preference	Routing priority (0-10), higher values mean higher					
	priority, 0 means do not use this rate for routing at all.					
	See the Call Routing section of the PortaBilling ®					
	Administrator Guide for more info.					
Huntstop	If one of the routes has huntstop enabled, then all					
_	routes with a lower route category or preference will					
	be ignored.					

US Inter- / Intra- state rates

PortaBilling® offers a simple solution for identifying and billing US Inter / Intra State VoIP traffic. In order to apply LCR properly and calculat call costs in accordance to rates applied by vendors, PortaBilling® determines whether a call is intra- or inter- state and applies the correct rate.

In a new environment by default the option of setup of the US Inter- / Intra- State rates is off. To activate it you are to click **Enable US Intra-**State on the tariff management web page.

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•	🗈 Add 🕺 Close 🛯 🌜 Off-Peak Periods			🔤 Enable US Intra-State 🔋 xDR Re-rating 😨 LCR Rates				街 Objects		📲 Logout	🔳 Lo	
			Applied To		Servic	e	Mana	ged By		Search		
		ANY		•	AJ 7	-	ANY		•	Search		
		Rates	Upload	Name	Currency	Applied	l To Service	Managed By	Routing	Description	Delete	
					V							

In order for PortaBilling® to recognize whether the call is intra- / inter- state, you must specify whether the destination belongs to one of those categories by clicking the Set Inter / Intra State button.

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NOTE: The activation of Inter / Intra State is possible only when the destination number starts with "1."

Once the Inter / Intra option is set, you may specify the individual rates for these calls in the corresponding fields.

PortaBilling Help - Rates

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		Description			HH24:MI:55*		-
	1 Set Normal Rating	UNITED STATES OF AMERI	ICA Inter-State	0.03	immediately 🎊		

Managing rates offline

The rates table may be prepared using a spreadsheet processor (e.g. MS Excel) and easily imported into PortaBilling®. This is very convenient if you are going to make many changes. For example, you might increase all prices by 10%. To upload your rates file, proceed as follows:

- 1. On the **Tariff Management** page, click on the tariff name.
- 2. In the Edit Tariff window, click the 🚨 Upload .CSV icon.
- 3. In the Upload Rates window, click Browse...
- 4. Locate the Tariff-sample.csv, then click Open.
- 5. In the Upload Rates window, click Next.
- 6. On the **Review File Parsing** page, verify whether the file was parsed correctly and, if necessary, change file parsing parameters such as delimiters.
- 7. On the **Review Data Fields Definition** page, specify where individual data fields (e.g. destination, price or payback rate) are located in the file.
- 8. On the **Review Rate Information** page, view information about rates, adjust the value of prices and mark the desired rates as Payback, then click **Next**. If there are new destinations in the uploaded file, assign a country and destination group to these destinations on the **Create New Destinations** page.
- 9. On the **Summary** page, view information about the number of rate records to be processed. You can also save the rate import options you have defined as a template, so that you can re-use them in the future.
- 10. In the Rate Upload window, click Start Import.
- 11. In the Edit Tariff window, click Close.

You can verify your work on the Rates page. For more details regarding rate upload, see the PortaBilling Templates Guide.