



PortaBilling



Customer Self-care Interface

Maintenance Release







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PortaSwitch® customer self-care interface, December 2015

Please address your comments and suggestions to: Sales Department, PortaOne, Inc. Suite #408, 2963 Glen Drive, Coquitlam BC V3B 2P7 Canada.

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Preface

This document provides a general overview of the customer self-care interface.

Where to get the latest version of this guide

The hard copy of this guide is updated upon major releases only, and does not always contain the latest material on enhancements that occur inbetween minor releases. The online copy of this guide is always up to date, and integrates the latest changes to the product. You can access the latest copy of this guide at www.portaone.com/support/documentation/.

Conventions

This publication uses the following conventions:

• Commands and keywords are given in **boldface**.



Exclamation mark draws your attention to important actions that must be taken for proper configuration.

NOTE: Notes contain additional information to supplement or accentuate important points in the text.



Timesaver means that you can save time by taking the action described here.



Tips provide information that might help you solve a problem.



Gear points out that this feature must be enabled on the Configuration server.

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Hardware and Software Requirements

Client System Recommendations

- **OS:** MS Windows XP or above, Linux/BSD or Mac OS X 10.6 or above.
- Web browser:
 - o Internet Explorer 11.0 or above, Mozilla Firefox 38 or above
 - o JavaScript, Java and cookies must be enabled.
- **Spreadsheet processor:** MS Excel, OpenOffice Calc, LibreOffice Calc or Google Sheets.
- **Display settings:** A minimum screen resolution of 1024×768 .



1 Introduction



Log in to the Customer Self-care Interface

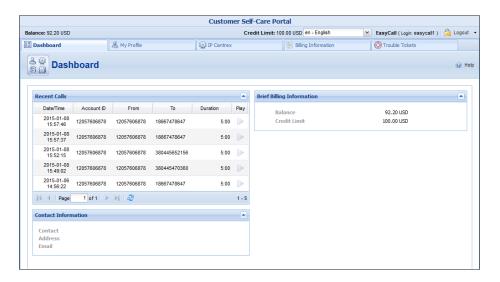
Your ITSP will provide you with a URL and credentials for logging in to the customer self-care interface upon subscribing to their services.

Overview

The customer self-care interface was designed for end users to access their profile data, check billing information, download invoices and, most importantly, manage their IP Centrex settings. The front-end design offers simple and intuitive navigation. This includes an easy-to-use structure of menus and controls, graphic icons and improved presentation of information.

For your convenience, the customer self-care interface is divided into four tabbed sections:

- **Dashboard** (your home page)
- My Profile
- IP Centrex
- Billing Information
- Trouble Tickets



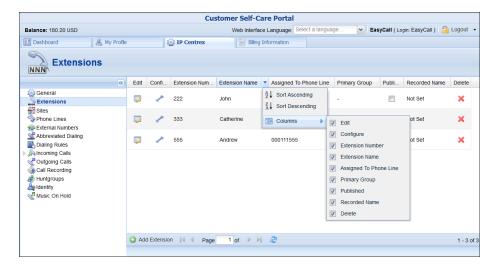
At the top of the page you can always view billing information such as your balance, credit limit, etc.



Common Features

Most of the data on the self-care interface is formatted like a page and sorted into columns. You can go to the next page or the previous page,

jump to the first or last page, or use the Refresh icon to update any of the pages. You can also change the number of columns and sort them in ascending or descending order by clicking your mouse on the name field of any of these columns. If you point your mouse at the name field you will see a triangle; click on it and a drop-down menu will appear. You can choose how to sort your data and add or remove columns by selecting and clearing corresponding check box in the drop-down menu:



Action Buttons

The top right-hand side of the interface provides you with the following information and actions:



- Your ID and a login name that was used to log in.
- The **Logout** button that terminates your current session on the self-care interface.



Also, you can change your password here if necessary.



In order for changes to take effect when adding / editing information, you need to click the **Save** icon on the appropriate page. If you do not want to save the information entered – just click **Cancel**.



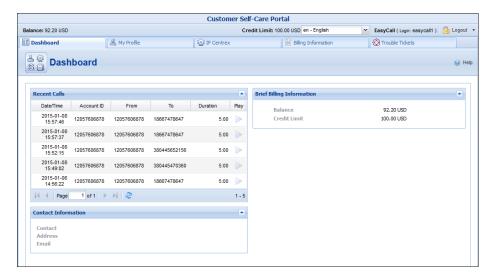
2. Web Interface



Dashboard

Your home page is organized like a dashboard so that you can easily view the most important information separated by category into different panels. In addition, these panels can be moved around, rearranged or minimized as you wish.

You will see three **information panels** on the **Dashboard** tab:

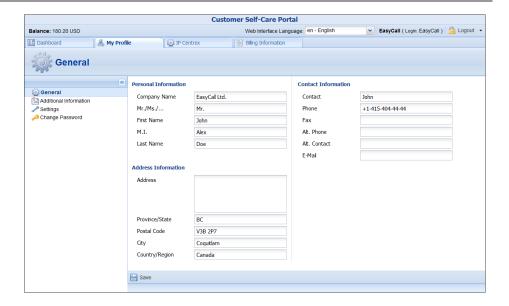


Panel	Description
Recent Calls	This table lists the most recent calls and call details
	generated by your phone lines (account IDs on the
	web interface).
Contact	Here you can view your contact info such as address,
Information	email, etc.
Brief Billing	This reflects thumbnail billing information such as
Information	your current balance and credit limit.

My Profile tab

The **My Profile** tab allows you to view and change your personal (or your company's) details such as contact information, personal info, password, etc.





Group	Description
General	Here you can enter general information such as
	company name, address, etc.
Additional	Here you can define extra information (such as
Information	driver's license ID or tax code) in addition to
	standard information. The fields for this tab are set
	by the Administrator.
Settings	Here you can choose the language to be used on your
	self-care interface.
Change	Here you can change your current password for the
Password	self-care interface.



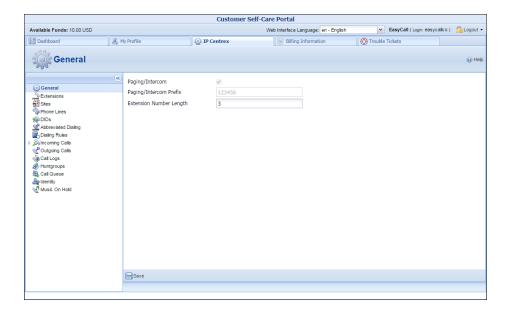
Enter your mobile number in the **Alt. Phone** field to receive SMS notifications.

IP Centrex tab

This tab allows you to manage phone lines, add extensions and huntgroups and configure other IP Centrex services. Here you can also modify the options for separate phone lines.



General



Field	Description	
Paging /	Intercom calls enable users belonging to the same	
Intercom	group to use two phones like on-door	
	speakerphones. Here you can see whether this feature	
	is enabled or not for your phone line.	
Paging /	This appears only if Paging / Intercom is enabled;	
Intercom	this is a special code that is dialed before the other	
Prefix	extension number to automatically connect both	
	extensions. When a two-way audio channel is	
	established, speakerphone mode is immediately	
	activated on the phone of the party being called.	
Extension	This sets the maximum speed dial length (also known	
Number	as "abbreviated number length"). Please see the	
Length	Length Abbreviated dialing section of this guide.	

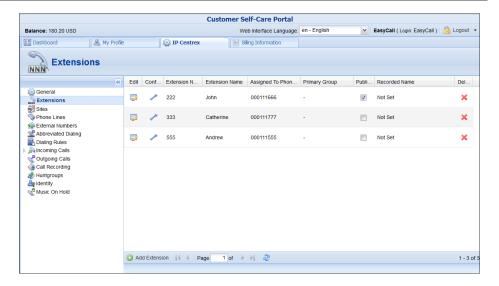
Extensions

Here you can define a list of extensions for phone lines within your IP Centrex environment. You can easily add new extensions or change existing ones without any actual reconfiguration of your phone.



Branch Office extensions can only be added, deleted or modified on the Main Office self-care interface.



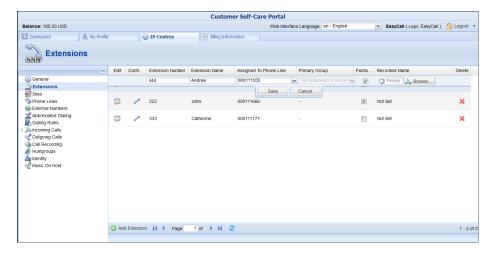


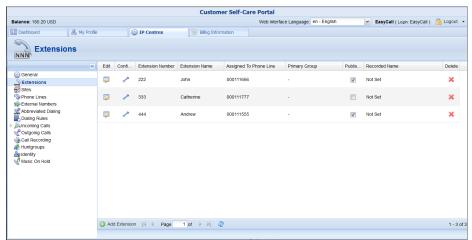
To add a new extension number, click the **Add Extension** button and enter the following information:

- Extension Number Type the number the end user will dial on his phone (an extension number should contain only digits).
- Extension Name Type the logical name for this extension (e.g. name of the person using this line: "John").
- **Branch Office** Select a branch office to which the extension will be assigned. Leave this field empty for assigning the main office's phone extension. (Note that the **Branch Office** field is only available on the Main Office self-care interface).
- Assigned To Phone Line This is the phone number that the extension is associated with. Here you should specify one of your phone lines by selecting it from the list. (Note that each phone line from the list can only be used once.
- Primary Group Select the hunt group to which this extension belongs to allow calls within a group to be picked up by dialing the group pickup prefix (without specifying the group number). Make sure that you have assigned the extension to some hunt group beforehand.
- **Published** Clear this check box to exclude certain extensions from being accessible via dial-by-name (e.g. you do not want telemarketers to directly reach your CEO or CFO because their names are publicly accessible).
- Recorded Name You can record or upload a voice prompt with the actual person's name for each extension. This can be used in the Dial-by-name Directory feature. If a caller does not know the extension number of the person he is trying to reach, he may look up the called party using the first three letters of his surname.









Once all the information is entered, click the **Save** button.

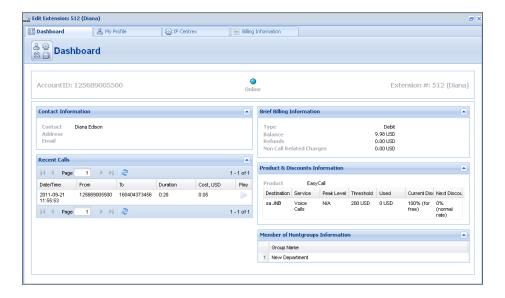
You can change the extension name and manage phone line assignments by double-clicking on that extension number or on the **Edit** icon.

To remove the extension from the list, click **X** Delete.

Having saved the new extension, you can choose **Primary Group** this extension will belong to by clicking the **Edit** icon.

To view and edit information about the extension, click **Configure** next to the extension number. You will see the **Edit Extensions** page (note that some details are read-only).

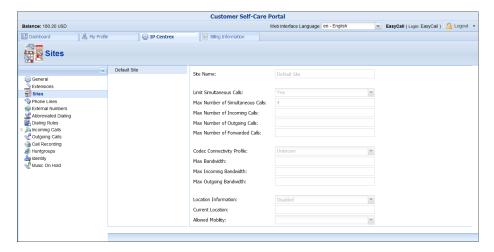




Sites

A site is a group of customer's accounts that can be conveniently managed as a single entity. For instance, all of the phone lines used in a sales department or in 'office building A' can be joined into a single group. This allows you to apply certain configuration parameters or service restrictions to the accounts in that group. You can limit the combined number of simultaneous calls for all accounts of a particular site. This is useful if, for instance, 'office building A' has limited bandwidth and can only support 30 calls – no more calls will be allowed in order to avoid severe degradation of the sound quality on all calls in progress.

Note that even if no customer sites are created, there is the virtual default site in the system that includes all the accounts that have not been explicitly assigned to a customer site.





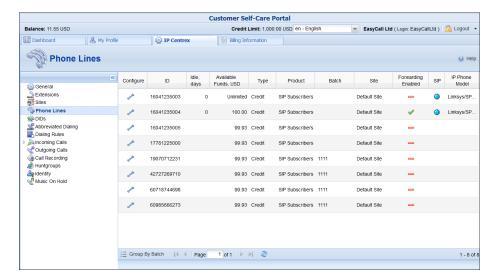
Field	Description
Site Name	Name for a group of accounts.
Limit	Engage real-time checks of the number of
Simultaneous	concurrent calls made by accounts that belong to
Calls	this site. When the specified number of concurrent
	calls has already been established (calls are in a
	"connected" state) and the account tries to place
	another call, that call will be rejected.
Max Number of	Allow only a specific number of concurrent calls
Simultaneous	(regardless of their type, such as incoming or
Calls	outgoing) for accounts at this site.
Max Number of	Allow only a specific number of concurrent
Incoming Calls	incoming calls for accounts at this site.
Max Number of	Allow only a specific number of concurrent
Outgoing Calls	outgoing calls for accounts at this site.
Max Number of	Allow only a specific number of concurrent
Forwarded Calls	forwarded calls for accounts at this site.
Codec	Codec connectivity profile that will be used for
Connectivity	bandwidth allocation calculation. Every new call's
Profile	allocated bandwidth is calculated by considering a
	negotiated codec and its parameters to enable full
	use of the available bandwidth and block new calls
	if no more bandwidth is available.
Max Bandwidth	Bandwidth utilization limitation to ensure that only
	an acceptable number of calls are allowed, in order
	to avoid severe degradation of the sound quality on
7	calls in progress.
Max Incoming	Bandwidth utilization limitation for incoming calls.
Bandwidth	D 1 111 27 2 1 1 2 2 1 1 1 1 1 1 1 1 1 1
Max Outgoing	Bandwidth utilization limitation for outgoing calls.
Bandwidth	
Location	Customer's permanent location for geo-IP fraud
Information	prevention.
Current Location	Customer's permanent location. It contains a
	country code top-level domain (in iso_3166_1_a2
A11 a J M a la :1:4	format, e.g. fr for France, de for Germany etc.).
Allowed Mobility	Stationary user (constant location)
	option can be used if the customer is not
	authorized to make calls from various
	countries (e.g. as a residential customer
	would make calls from his SIP phone). Calls
	made from any other country will be
	screened.
	• The Roaming user (frequent location)
	option can be used for customers who
	travel frequently. In this case, a change in



location would be considered acceptable.

Phone Lines

Here you can view the full list of phone lines and configure them if necessary.



Column	Description	
Configure	Click Configure to edit the settings for a	
	particular phone line.	
ID	The primary identification for this phone line	
	(i.e. account ID).	
Idle, days	The amount of days the phone line has not been in	
-	use.	
Available	The amount of funds available for the user to spend	
Funds	on services.	
Type	The type of phone line. It may either be Debit or	
	Credit . Debit is usually associated with prepaid cards.	
	Credit is usually associated with postpaid services.	
Product	The product assigned to a particular phone line.	
Batch	Accounts can be grouped into batches. Each batch	
	has its own descriptive name. Here you can see the	
	name of the batch that a particular phone line	
	belongs to.	
Site	The name of the site the phone line belongs to.	
Forwarding	The forwarding field shows whether this function is	
Enabled	enabled or disabled for a particular phone line. When	
	it is enabled, the Yes icon is shown. The field with	
	an — No icon indicates that forwarding is disabled.	
SIP	When the phone line is used by a phone to register	
	with the SIP server, the Online icon is shown.	



IP Phone	Indicates the IP phone that is assigned to a particular	
Model	phone line.	

You can also view phone lines grouped by batch by clicking the **Group By Batch** button located at the bottom of the page.

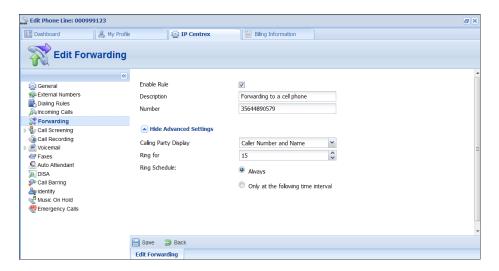
You can configure forwarding when it is enabled for the phone line. Just click the **Configure** icon next to the phone line to go to the **Edit Phone Line** page.

There are several call forwarding modes: Follow-Me, Advanced Forwarding, Forward to SIP URI and Simple Forwarding.

Follow-Me Forwarding Mode

Using follow-me you can forward calls to multiple destinations. You can also configure it so that each of these destinations will be used during its own time period.

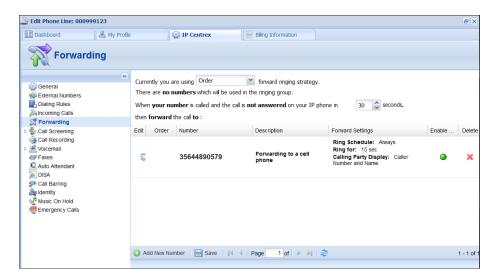
- 1. On the **IP Centrex** tab, select **Forwarding**.
- 2. Click **Add New Number**.



- 3. Enter the following information:
 - **Number** Enter a number for redirecting calls (e.g. 35644890078).
 - **Description** A short description for this number.
 - Ring for If a call is not answered, set the number of seconds it will ring for until it is forwarded to the next number on the list.
 - **Calling Party Display** Choose how to display the caller's info during forwarding:



- Select Caller Number and Name to see the phone number and the name of the original caller.
- Select Caller Number and Forwarder Name to see the phone number of the caller and the forwarder's name (they will be displayed).
- O Select **Forwarder Number and Name** to see the phone number and the name of the forwarder.
- **Ring Schedule** Choose the period during which the number is used.
 - Always Calls will always be forwarded to your cell phone.
 - Only at the following time interval If you want to forward calls to a cell phone only during a specific time period. Click the icon to define that interval. Please consult the *How* section for more information.



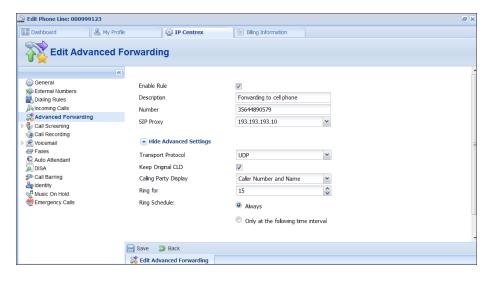
- 4. Click | Save.
- 5. Repeat steps 2–4 until all the desired follow-me numbers have been added.

Advanced Forwarding Mode

This is similar to follow-me mode, but has a few extra options that allow you to route calls to SIP URI. To do this, follow these steps:

- 1. On the **IP Centrex** tab, choose select **Advanced Forwarding**.
- 2. Click **Add New Number** to add the number on which you wish to receive forwarded calls.
- 3. Enter the information needed. The fields are very similar to those for adding a follow-me number as described in the **Follow-Me Forwarding Mode** chapter.





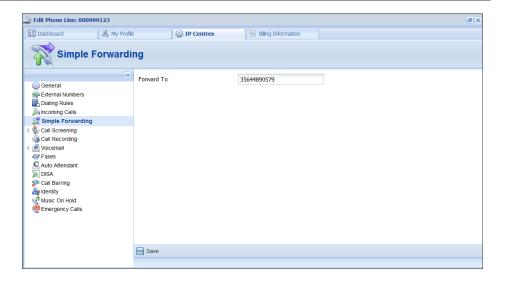
Additional fields that are not available when adding a follow-me number:

- **SIP Proxy** Select SIP proxy from the list.
- **Keep Original CLD** Select this check box to ensure that the originally dialed number is present in the call information when forwarding a call to another phone line.
- **Calling Party Display** Choose how to display the caller's info during forwarding:
 - Select Caller Number and Name to see the phone number and the name of the original caller.
 - Select Caller Number and Forwarder Name to see the caller's phone number and the forwarder's name (they will be displayed.)
 - Select Forwarder Number and Name to see the forwarder's phone number and name.
- Transport Protocol This enables you to choose the UDP or TCP transport protocol. You can use the TCP protocol instead of UDP for SIP communications for PBXes that do not support UDP.
- 4. Click Save.

Simple Forwarding

The simplest type of forwarding is when you specify a single phone number to which all calls will be sent.





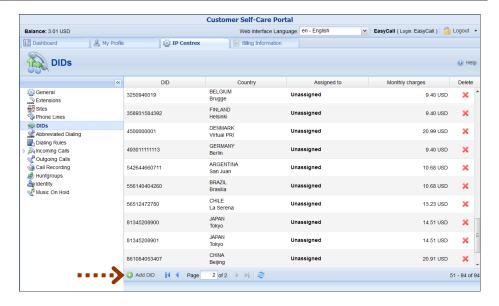
- 1. On the **IP Centrex** tab, select **Simple Forwarding**.
- 2. Enter the following information:
 - **Forward To** The number you wish the calls to be forwarded to.
- 3. Click **Save**.

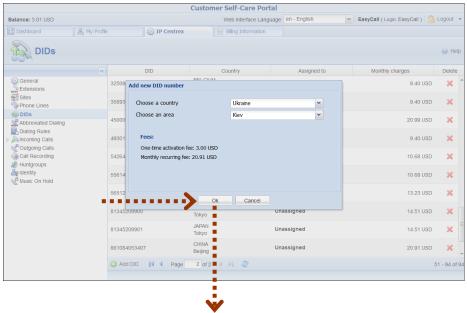
DIDs (External Numbers)

In addition to the user's main phone number, he/she can be assigned multiple alternate DID (direct inward dialing) phone numbers.

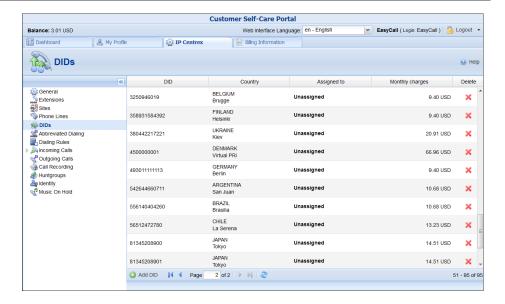
In this tab you can easily browse the complete inventory of available DID (or toll-free) numbers online, and select the numbers you want to use as alternates. To do this, click the **Add DID** button located at the bottom of the page and specify a country and a city in which you want to purchase a DID. Once you have specified a country and a city you will see the applicable fees for using this DID number:









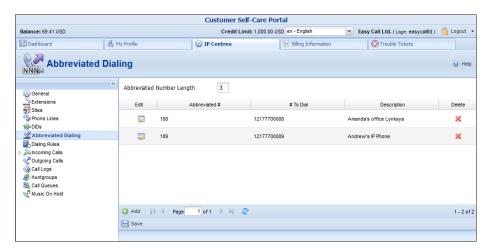


As soon as you confirm the new DID number, your number will appear as unassigned. You can assign this number to the desired account (phone line) by simply double-clicking on it.

Abbreviated Dialing (also known as Speed Dial)

Here you may define a list of phone extensions for your IP Centrex environment, plus create abbreviated dialing for external phone numbers. You can set up dialing rules as an international prefix, outside prefix, direct number (e.g. 911), or abbreviated dialing for your accounts.

NOTE: To be able to add extensions / abbreviated numbers, you should enter the maximum length of anticipated digits (e.g. 3 in the case of 123-like numbers) in the **Abbreviated Number Length** field.



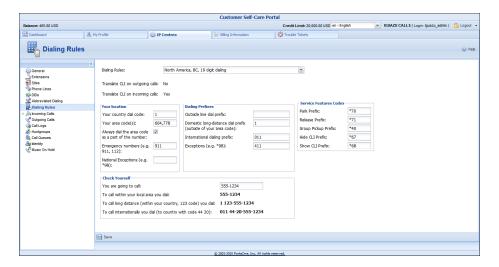


To add a new abbreviated dialing number, click the **Add** button and enter the following information:

Field	Description
Abbreviated #	The number the end user will dial on his phone.
# to Dial	The number that the call will be forwarded to.
	You may enter the ID of one of your accounts or any phone number. If you leave this field blank, then the abbreviated number is considered to be a direct number, or "dial as is." This is useful for making sure that special numbers (e.g. 112) are never converted by other translation rules.
	NOTE: Phone numbers must be entered in the E.164 format.
Description	Description of this abbreviated number, e.g.
	"Andrew's IP phone."

Dialing Rules

Using this tab, you can define a way of dialing phone numbers that is convenient to you or your users.



By default, the Dialing Rules feature is disabled. This means that the system identifies calls arriving from a user as being in the E.164 format. If the Dialing Rules feature is enabled by your service provider, this will allow you to define various dial plan parameters such as an international dialing prefix or area code, feature access codes.

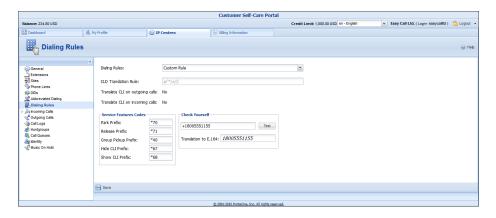
You can selected one of the predefined dialing rules from the list. To define your own translation rule select **Custom Rule** from the list.



Verify that for all examples provided (domestic and international calls) this is how you want the numbers dialed and click **Save**.

You can also review whether a caller's number will be translated according to the selected rule for incoming and outgoing calls. (Note that only administrators can turn the translation feature on and off.)

When the dialing rule is defined with a Perl regular expression, in the **Check Yourself** section, type the phone number in the format you are accustomed to and click **Test**.



Service features codes

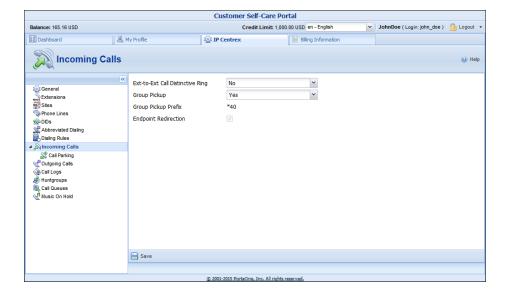
Field	Description
Park Prefix	An end user can dial this access code to park a call.
	_
	The default value is *70.
	This access code is available only if call parking is
	enabled for the customer.
Release Prefix	An end user can dial this access code to retrieve
	a call from the parked status.
	The default value is *71.
	This access code is available only if call parking is
	enabled for the customer.
Group Pickup	An end user can dial this access code to answer a
Prefix	call arriving to the other accounts of this customer.
	The default value is *40.
	This access code is available only if group call
	pickup is enabled for the customer.



Hide CLI Prefix	An end user can dial this code before dialing the phone number to prohibit the calling number from being displayed to the called party. The default value is *67.
	This access code is available only if Hide CLI is enabled for the account.
Show CLI Prefix	An end user can dial this access code before dialing the phone number to allow the calling number to be displayed to the called party.
	The default value is *68. This access code is available only if Hide CLI is enabled for the account.

Incoming Calls

Here you can set the parameters for incoming calls.



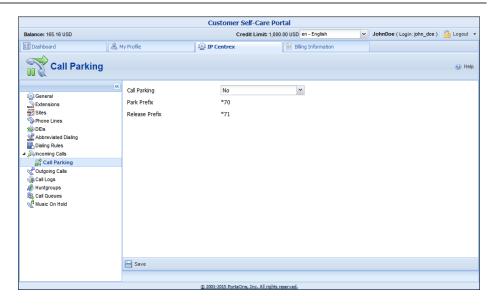


Field	Description
Ext-to-ext call	For incoming calls from phones within the IP
distinctive ring	Centrex environment, use a ring pattern different
	from the default one.
Group Call	The Group Pickup feature enables an end user to
Pickup	answer a call arriving to the other accounts of this
	customer by dialing a Group Pickup Prefix.
	Select Yes to activate group pickup for the customer.
	Select No to make group pickup unavailable
	to the customer.
	Note that group pickup must be enabled for the
	particular huntgroup as well.
Group Pickup	An end user can dial this access code to answer a call
Prefix	arriving to the huntgroup that this end user belongs
	to.
	The default value is *40.
	This access code is available only if group pickup is
	enabled for the customer.
	Read only field. For information about how to
	Read-only field. For information about how to configure Group Pickup Prefix , please see the <i>Service</i>
	Feature Codes (also know as Feature Access Codes) table in
	the Dialing rules section of this guide.
	the planing rules section of this guide.

Call Parking

Call parking allows users to put a conversation on hold and then resume it from a different IP phone. If you enable this feature, you can set the required parameters for it here.



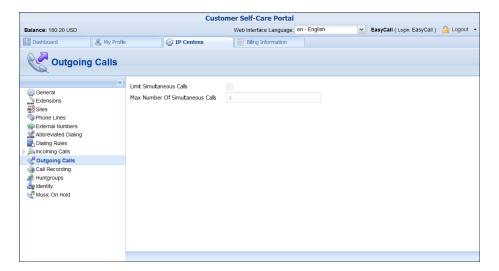


Field	Description
Call Parking	Select Enabled to activate call parking for the
	customer.
	Select Disabled to make call parking
	unavailable to the customer.
Park Prefix	An end user can dial this access code to park a call.
	The default value is *70.
	This access code is available only if call parking is
	enabled for the customer.
	Read-only field. For information about how to
	configure Park Prefix, please see the Service Feature
	Codes (also known as Feature Access Codes) table in the
	Dialing rules section of this guide.
Release Prefix	An end user can dial this access code to retrieve
	a call from the parked status.
	The default value is *71.
	This access code is available only if call parking is
	enabled for the customer.
	Charles for the easterner.
	Read-only field. For information about how to
	configure Release Prefix , please see the Service
	Feature Codes (also known as Feature Access Codes) table in
	the Dialing rules section of this guide.



Outgoing Calls

Here you can view different parameters for outgoing calls (note that this page is read-only).



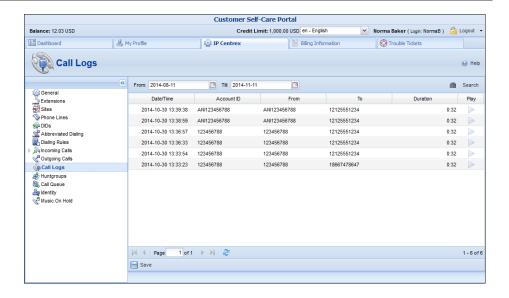
Field	Description
Limit	This shows whether there is a limit on the number of
Simultaneous	concurrent calls that can be made by your phone
Calls	lines.
Max Number	This shows the maximum number of concurrent calls
of	permitted for your phone lines.
Simultaneous	
Calls	

Call Logs

With the help of this feature, the users of IP Centrex services can record their phone conversations for later playback.

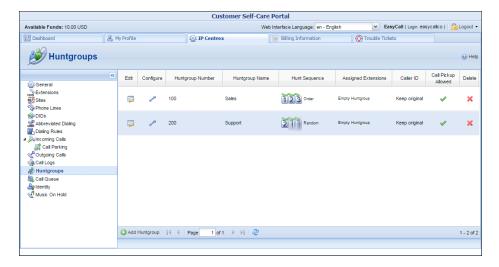
Here you can check whether the **Call Recording** feature is enabled or not. When it is enabled, you can view information about calls, listen to recordings and filter them for / from a certain period.





Huntgroups

Sometimes there is a need for a call to be delivered to several extensions at once. With the **Huntgroup** function – you can easily configure a scheme for call distribution in such a way that incoming calls are delivered to one or more assigned extensions.





Branch Office huntgroups can only be added, deleted or modified on the Main Office self-care interface.

To add a new huntgroup click the **Add Huntgroup** button and enter the following information:

• **Huntgroup Number** – The number the end user must dial on his phone to reach one or more assigned extensions.

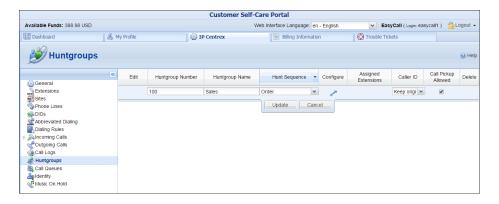


- **Huntgroup Name** Short descriptive name for this group of extensions, e.g. "New department."
- **Hunt Sequence** The order for delivering a call to one or more extensions.
 - If Order is selected, extensions will be called one by one from the first (topmost) to the last number until the call is answered.
 - Select **Random** if you want to use a random order.
 - **Simultaneous** enables simultaneous calls to every extension from the list.
 - Least Used sorts the phone lines in descending order beginning with their last usage, and delivers a call to their extensions, accordingly.

For example, phone line 777111 with extension 111 was last used on 2015-09-11, and phone line 777222 with extension 222 was last used on 2015-09-09, so the call goes to extension 111 and if it is not answered, it goes to extension 222.

Caller ID:

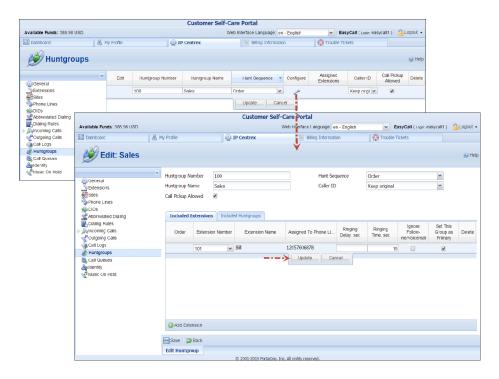
- o Keep original.
- Set to name and CLI of the huntgroup.
- Replace Caller Info with Huntgroup Name, keep Caller CLI.
- Call Pickup Allowed Enable this option to allow extensions to pick up calls made to the members of this hunt group.



To specify one or several extensions that calls should be delivered to, follow these steps:

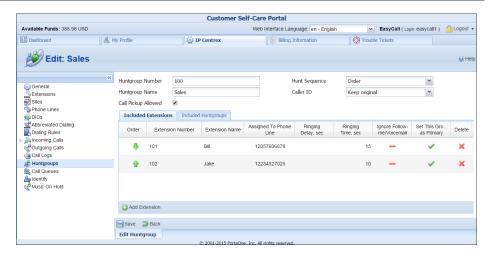
- 1. Click the **Configure** icon.
- 2. Click the **Add Extension** button on the **Included Extensions** tab.





- 3. From the **Extension Number**, select the required extension.
- 4. Specify the following options:
 - **Ringing Delay, sec** Delay (in seconds) before the extension starts to ring.
 - **Ringing Time, sec** Duration (in seconds) of ring.
 - **Ignore Follow-me/Voicemail** Select this check box to disable forwarding (voicemail, follow-me) on the specific extension for calls made to this huntgroup.
 - **Set This Group as Primary** Select this check box to allow the extension owner to pick up calls within that group by merely dialing the group pickup prefix.
- 5. Click Update.

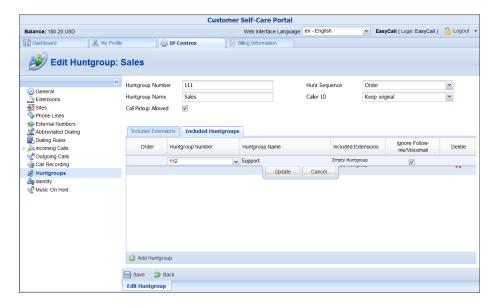




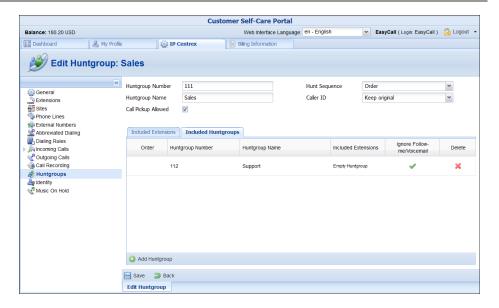
In order for changes to take effect you need to click the **Save** button at the bottom of the page

You can also use the **Back** button to return to the previous menu.

Several huntgroups can be combined into one huntgroup. Go to the **Included Huntgroups** tab and choose the required huntgroups to add from the list of Huntgroup Number. Select the **Ignore Follow-me/Voicemail** check box to disable forwarding for calls made to this huntgroup. Then click **Save**.







NOTE: Extension and huntgroup numbers must be different.

Call Queue

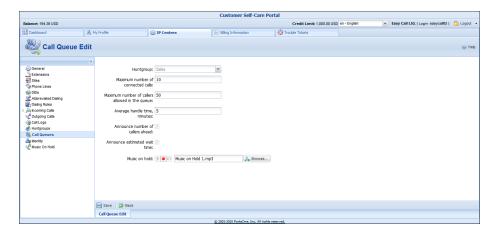
This feature allows you to provide a "call center" functionality to your IP Centrex customers. When a large number of incoming calls from customers arrive to the auto attendant, PortaSIP® can forward these calls to the actual agents within a huntgroup (customer service representatives) in a regulated fashion.

When a new incoming call arrives, it is assigned a position in the queue. The callers hear announcements about number of callers ahead of them in the queue and the estimated waiting time. After that, the specified "music on hold" is played, and every 5 minutes the callers are updated about their current positions in the queue and the estimated wait time.

Note that estimated wait time is calculated as follows:

- For the *new* Media Server: (Average handle time)*(Number of callers ahead).
- For the previous-generation Media Server:
 (Average handle time)*[(Number of simultaneous calls made to the call queue number) (Maximum number of outgoing calls to agents)].





Every call queue contains several configuration parameters:

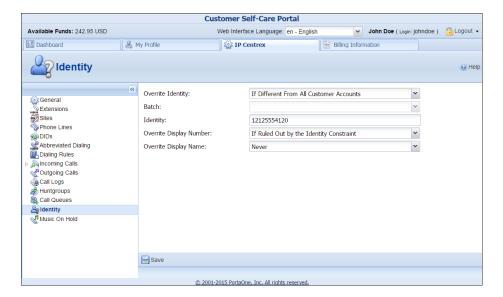
Field	Description
Huntgroup	When creating a new call queue, a customer must
	select a huntgroup so that when a call arrives to the
	call queue, it is transferred to the corresponding
	huntgroup.
	Note : Empty huntgroups are not listed. Add at least one extension to the huntgroup first.
Maximum	The maximum number of calls that agents can
number of	process simultaneously. You can think of it as the
connected calls	number of agents who answer calls made to a call
	center (e.g. if you have 5 agents who answer calls
	made to Sales, they can process a maximum of 5
	calls, simultaneously).
	NOTE: This option is used only by the <i>previous-generation</i> Media Server which uses it to define whether the next call that
	arrives to the call queue must be placed on hold or connected to an agent.
	When the number of simultaneous calls made to the call center exceeds the value defined for this option (e.g. 10 calls arrived to the call center simultaneously, but there are only 5 agents who answer calls), the Media Server places calls 6–10 on hold within the queue.
	When the number of simultaneous calls made to the call center is fewer than the value defined for this option (e.g. 5 calls arrived to the call center simultaneously and there are 10 agents to answer calls), the Media Server immediately attempts to connect all calls to agents.
	Therefore it's important to specify a true-to-life number: if you specify a number that is too low, some calls will be queued even if there are free agents; if you specify too high a number, some calls won't be queued even if there are no



	actual agents to answer them. Subsequently it will be a
	regular call for these callers, with no queue announcements.
Maximum	The maximum number of calls that can be placed on
number of	hold within this queue.
callers allowed	
in the queue	When this number is reached, the next call is
	disconnected.
Average handle	The expected average processing time for each call in
time, minutes	minutes (used to calculate the estimated wait time).
Announce	When this check box is selected, callers will hear an
number of	announcement about number of callers ahead of
callers ahead	them in the queue. Note that this check box is currently
	always selected and dimmed.
Announce	When this check box is selected, callers will hear an
estimated wait	announcement about the estimated wait time. Note
time	that this check box is currently always selected and dimmed.
Music on Hold	A melody (or announcement) which is played to
	users waiting to be connected.
	The maximum file size allowed is 3 MB.

Identity

On this page information about your identity (your phone number) is displayed. Here you can manage the identity that will be used for outgoing calls made from all of your phone lines.



NOTE: You can only manage the identity if you have been granted special permission by your service provider.



Field	Description
Override	This option defines the rules for which identity will be
Identity	In soption defines the rules for which identity will be used for outgoing calls made from all of your phone lines based on the one supplied by the user's phone device. The following options are available: • Never – This option means that the caller identity (display number and display name) will be displayed for the callee exactly as it was configured by the user on his device. • If Different From Account ID And Aliases – The caller identity supplied by the user's phone device will be overridden if it differs from the phone line authorized for the call or any of the aliases assigned to this phone line. • If Different From All Customer Accounts – The caller identity supplied by the user's phone device will be overridden if it doesn't match any of your phone lines or their aliases. • If Different From All Accounts in the Specified Batch – The caller identity supplied by the user's phone device will be overridden if it does not match any of the phone lines from a specific batch. • If Different From All Accounts in the Specified Huntgroup – The caller identity supplied by the user's phone device will be overridden if it does not match any of the extensions from a specific huntgroup. • If Different From All Accounts in the Specified Site – The caller identity supplied by the user's phone device will be overridden if it does not match any of the phone lines from a specific site. • Always – The identity defined by the caller on his device will always be overridden by the identity that you define. This allows you to manually specify the display number and / or display name
Datah	to be used for all of your phone lines.
Batch	Specify which batch the phone line that is verified for identity must belong to (this field is only available when If Different From All Accounts in the Specified Batch has been selected).
Huntgroup	Specify a huntgroup the phone line that is verified for identity must belong to (this field is only available when If Different From All Accounts in the Specified Huntgroup is selected).

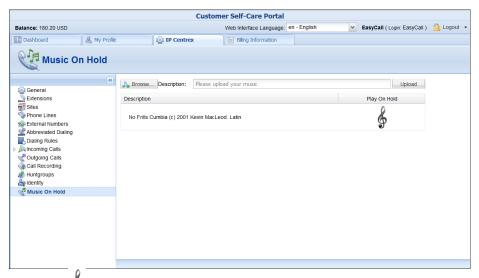


Site	Specify the site the phone line that is verified for identity must belong to (this field is only available when If Different From All Accounts in the Specified Site is
	selected).
Identity	Specify the identity that will be used to override the identity sent by the caller's device if that one doesn't comply with the rules specified in the Override Identity list.
Override	This allows you to control the "Caller number" – the
Display	number that is visible on the phone display of the called
Number	party. The possible values are:
	Never – The caller's display number will not be modified and will be displayed for the called party as is.
	• If Ruled Out by the Identity Constraint – The
	 caller's display number is verified according to a rule set for the identity. For example, when the <i>If Different From Account ID and Aliases</i> option is selected in the Override Identity list, and the caller's display number doesn't match the phone line that is authorized for the call or any of the aliases assigned to this phone line, the display number will be overridden. If Different From the Used Identity – The
	caller's display number will be overridden if it is different from the caller identity used for the call.
	Always – The display number will always be overridden, regardless of the limitations applied to the identity.
Override	This allows you to override the caller name used by the
Display	calling account. The possible values are:
Name	 Never – The display name defined by the user will not be modified and will be displayed for the called party as is.
	 Always – The display name defined by the user will always be overridden.

Music on Hold

Here you can define which music will be used for calls on hold within your IP Centrex environment.





Click the Play On Hold button to enable / disable this feature. To upload your own music, select a file from your local file system using the Browse button.

To rename the music file, enter the desired name in the **Music Name** field; otherwise the local file name will be used. The uploaded music will replace the previous entry in the list, and will usually be enabled within 10 minutes of performing this action.

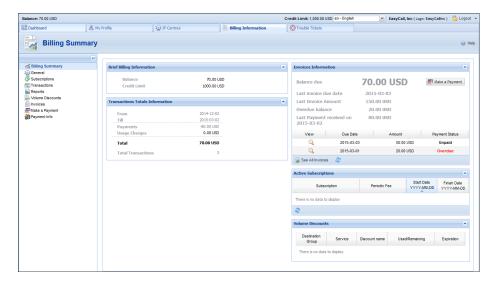
Billing Information tab

Billing Summary

On this page you can view your billing information arranged in five information panels:

- Brief Billing Information
- Transactions Totals Information
- Invoices Information
- Active Subscriptions
- Volume Discounts



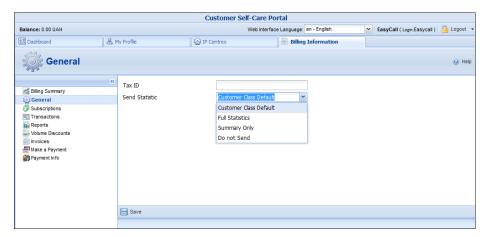


Field	Description
Brief Billing	This reflects your billing info such as current balance,
Information	etc.
Transactions	This reflects your total transactions (calls, payments,
Totals	refunds, subscription charges, etc.)
Information	
Invoices	This section is intended to help you better understand
Information	your invoice status and other billing-related details – a
	thumbnail sketch, so to speak, of how much money is
	owed, the due date, is there any amount overdue, etc.
	The available information fields are:
	Balance Due – This represents the remaining
	amount you must pay for your invoice.
	• Last Invoice Due Date – This shows the date by which the last invoice should be paid. If no payment is received for this invoice or the
	invoice is only partially paid and the due date has passed, the invoice is considered overdue.
	• Last Invoice Amount – This represents the last invoice total plus whatever unpaid amount from any and all previous invoices owed by the customer at the time of invoice generation.
	Overdue Balance – This represents the total remaining balance for all overdue invoices. The overdue balance decreases as payments are received.
	• Last Payment Received on – This shows the amount of the last payment and the date when this transaction took place.



	To view all of the invoices use the See All Invoices
	button.
Active	Subscription plans that currently apply to you.
Subscriptions	
Volume	Volume discount plans that currently apply to you.
Discounts	

General

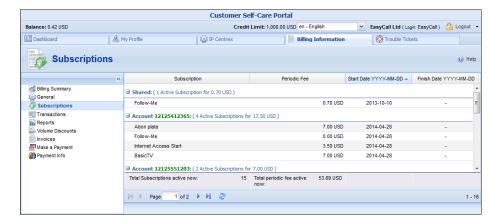


Field	Description
Tax ID	Your tax ID.
Send Statistic	Defines what kind of xDR statistics should be delivered
	to you by email:
	• Customer class default – Use the settings for
	the customer class.
	• Full Statistics – Send a .cvs file with a
	complete list of xDRs.
	• Summary Only – Do not send a full list of
	xDRs, only a brief summary
	• Do Not Send – This option prevents the
	delivery of event statistics to the customer via
	email.

Subscriptions

This tab displays the subscription plans currently being applied to you and your phone lines. Pending (not yet active) subscriptions are always on the bottom of the list and highlighted in grey.



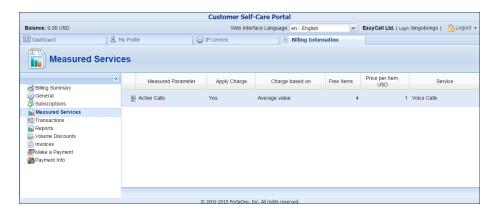


Field	Description
Subscription	Subscription plans being applied to you.
Periodic Fee	This is a recurring fee for a particular subscription.
Start Date	Subscription activation date.
Finish Date	This shows the date on which this subscription will be
	automatically canceled.

^{*} Default fee and the amount of discount applied for this subscription.

Measured Services

On this tab you can view the parameters of allocated resources usage and their usage statistics.



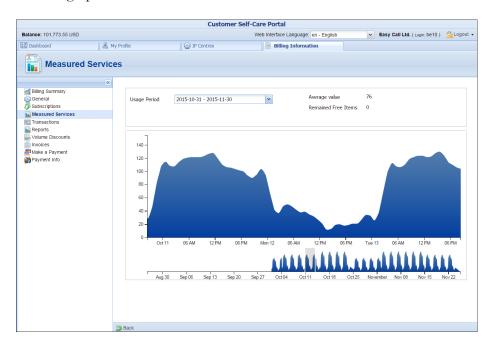
Field	Description
Measured	The name of the allocated resource that you use and
Parameter	are charged for.
Usage Period	Represents your billing period. Any billing period can
	be selected.
Apply Charge	Defines whether or not this resource is free of
	charge.



Charge based	Specifies how charges apply to you for allocated
on	resource usage. The criteria are:
	 Average – The average amount of the consumed resource. Maximum – The maximum amount of the consumed resource. Minimum – The minimum amount of the consumed resource.
Free Items	The number of resources included in your service bundle.
Price per item	The price for each unit of consumed resources.
Service	The service associated with this resource.

Statistics window

Statistics are provided per resource. To open the statistics window, click the icon next to the resource name. On the statistics window you will see two graphs.



The bottom graph displays resource usage data for the last three months; the upper graph displays a detailed view of the resource usage for a particular time interval selected from the three-month period below.

To select a time period, click on the start date in the bottom graph and drag the mouse cursor to the finish date.



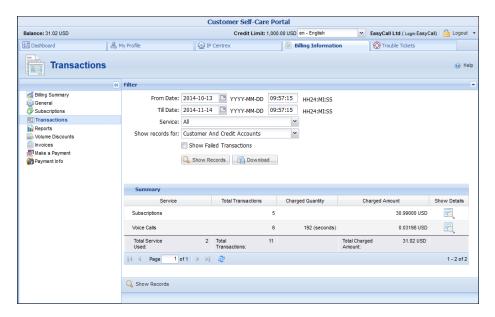
The topmost part of the window provides additional information about the selected metric. The following options are available:

Field	Description
Usage Period	Specify which billing period to see the information
	for.
Value	The value of measured resources for the current
	billing period. It can be minimum, maximum or
	average.
Remaining	Shows the number of free of charge resources
Free Items	available from your service bundle.
Applied	Displays your charges for the selected billing period.
Charges	
	Charges for the current billing period are not
	displayed because this period is not yet closed.

Transactions

Transactions (calls, payments, refunds, subscription charges, etc.) serve as the primary record of services provided to you.

This screen allows you to view and download transaction records – for any desired time period and service.



On the **Transactions Filter** page you can make an extensible search via:

- A date and time range by clicking the Calendar icon.
- A certain service type.
- The type of required phone lines (accounts).



 If you want failed transactions to be included in the list, select the Show Failed Transactions check box.

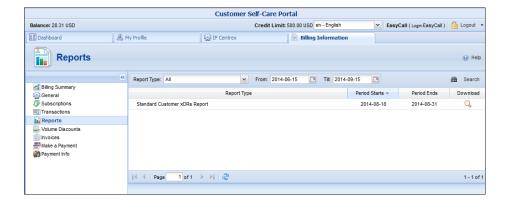
Set the from / to dates by clicking the Calendar icon and click the Show Records button. The result page contains a summary and tables list all calls and accompanying charges during a specified time period. If you want to view additional information (charged quantity and amounts due) for the chosen service(s), click the Show Details icon.

Click the **Download** Download button to download transaction detail records in the .csv format.

Reports

The **Reports** screen allows you to download xDR reports for any desired time period either in .csv or .pdf formats.

Set the from / to dates by clicking the icon and press the **Search** button. The resulting page contains a list of xDR reports generated within a specified time period. Each report is available in .csv and / or .pdf formats.



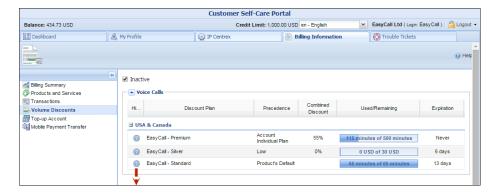
Click the **Download** button to download an xDRs report in the desired format.

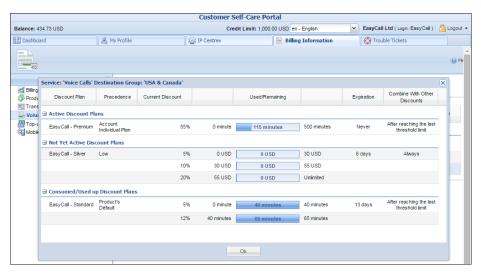
Volume Discounts

The **Volume Discounts** group displays all *active* discounts that apply to you. To display *inactive* volume discount plans, the **Inactive** check box must be selected.

Information about volume discounts' usage history can be obtained in the **Discount History** panel, which is visible by clicking the **Whistory** button.







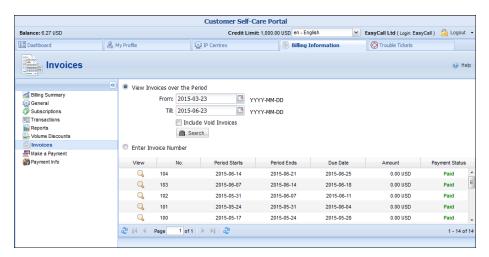
Field	Description
Inactive	Displays the volume discounts with Consumed/Used up
	or <i>Not Yet Active</i> status applicable to the customer.
Service	A specific service (voice calls, messaging, data
	transfer, etc.) that this volume discount will apply to.
Destination	Information about discounts used and remaining is
Group	shown, grouped by destination group names. Each
	name represents one group included in the volume
	discount plan assigned to you.
History	Shows extended information about the discount plan.
Discount Plan	The name of the volume discount plan applicable for
	this customer.
Precedence	This is the priority level for the currently used
	discount plan that specifies the order in which certain
	discounts are to be applied. Discounts with higher
	priority take precedence over discounts with low
	priority.
Combined	Shows the total discount value currently applied to
Discount	the customer that resulted in the discounts'
	combination.



Used /	Shows the current value of both consumed and
Remaining	remaining discount volume (in minutes or funds).
_	The progress bar graphically reflects how much of
	the discounted service has been consumed.
Expiration	Shows the time left for the discount to be reapplied
_	to the customer.
	If Never is selected, it means that this discount is for
	one-time use and will not be reapplied to the
	customer.
	Discount History
Status	The current status of the discount plan.
	• Active Discount Plans – The discount plans
	that are currently in use.
	• Consumed – The discount plans that have
	already been used up.
	• Not Yet Active – Currently inactive discount
	plans.
Current	The value of the discount currently applied to the
Discount	customer.
Expiration	The time left for the discount plan counters to be
	reset.
Combine With	Shows the way this discount plan is combined with
Other	other discount plans applicable to a session.
Discounts	

Invoices

The invoices screen allows you to view all your invoices. A particular invoice can be found either by entering its number or by selecting a date range and clicking the Calendar icon. If you want to include void invoices, just select the corresponding check box and then click Search.



Invoices cover these parameters:



- No. (invoice number) The unique identifier for an invoice.
- **Date** The date that the invoice was issued.
- **Payment status** This specifies one of the following:
 - O **Do Not Pay** The invoice amount is 0, therefore no payment is required.
 - o **Unpaid** Payment has not yet been received.
 - o **Partially Paid** Payment has been received but in an amount less than the amount due.
 - o **Paid** Invoice has been paid in full.
 - Overdue Invoice is unpaid and past due.
 - o N/A Payment status is not applicable for this invoice.
- **Period Starts / Ends** The period for which an invoice is generated.
- **Due date** The date by which payment should be received.
- Amount Sum of all charges for this period minus credits / refunds.

Click the **View** icon in the result list to view or print a particular invoice.

Make a Payment

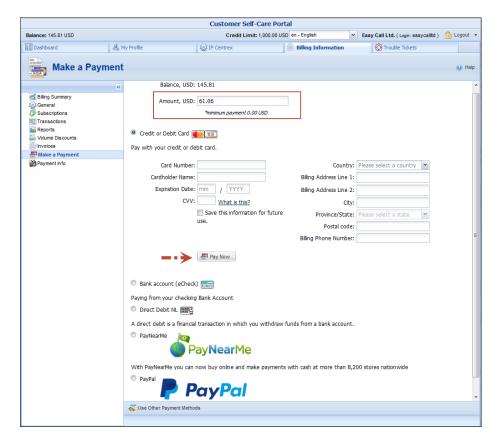
This page allows you to see your current balance and top it up by choosing one of the available payment methods.

The list of currently supported payment methods is the following:

- Credit or Debit Cards Allows you to pay using your credit or debit card. If you have a credit card whose payment characteristics are recorded in the system, it will be used by default.
- Bank account (eCheck) Allows paying from your checking bank account.
- **Direct Debit NL** Allows you to perform financial transaction in which you withdraw funds from a bank account.
- PayNearMe Allows you to pay for services in cash at any 7-Eleven or ACE Cash Express store across the United States. You need to specify your email to get a PayNearMe payment slip via email and then print it. The payment slip contains the bar code to be scanned at a 7-Eleven or ACE Cash Express location. You pay cash to the store clerk, who then records the transaction the payment information is immediately delivered to the service provider via the PayNearMe network. PortaBilling® records the transaction and updates your balance so you can immediately start using the service.
- PayPal Allows you to pay using your PayPal account.



To make a payment, select the desired payment method (one of the listed above), specify the amount you wish to pay and click the **Pay Now** button to proceed with the payment.

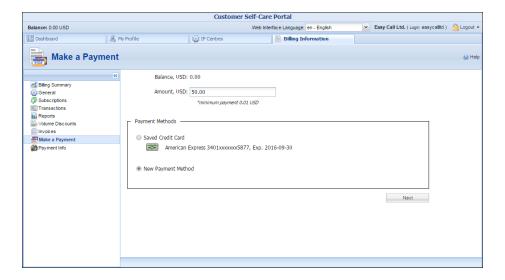


Pay with Bitcoins

You can also top up your balance with Bitcoins (BTC):

- 1. In the **Amount** field, type a top-up amount.
- 2. Choose **New Payment Method** and click **Next**.
- 3. Choose **Pay with Bitcoins** and click **Next**. You will see the top-up amount in Bitcoins according to the current exchange rate and the Bitcoin payment address to where payment must be sent.
- 4. With a Bitcoin client or Bitcoin wallet online service, send the topup amount from your Bitcoin wallet to this address. For your convenience, the Bitcoin address can be scanned with a QR code.
- 5. When the transaction has been submitted, click **Done**.
- 6. Once the Bitcoin amount is received, your balance is topped up.









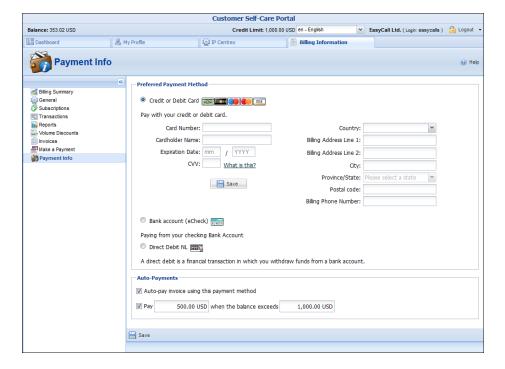


Taxes upon payment

If you use prepaid services, the taxes for such services are calculated and added to the amount you are topping up your account by. After you confirm your payment, your balance is topped up to reflect that actual amount.

Payment Info

On this page you can set up the preferred payment method and configure auto payments.





Preferred Payment Method

In the **Preferred Payment Method** section you can choose which type of payment method to use: Credit or Debit Card, Bank account (eCheck) or Direct Debit NL).

Update your credit card information

If you want to pay with a different credit card, click **Edit** and enter the new card information. Click **Save** to save this new credit card information.

As soon as you add a new credit card to PortaBilling®, the credit card is verified. During the credit card verification process, the system performs an Authorization only transaction instead of an actual charge. The Authorization only transaction reserves an amount of money on your credit card for a certain time period. This does not affect your balance in PortaBilling® or change your credit card balance.

If the verification was successful, this new credit card information is stored. Further payments and automatic payments (if configured) will be made using this card.

Auto-Payments

Note that the **Auto-Payments** section is only active if the **Preferred Payment Method** is chosen and all the required information is filled in for it (for example, credit card information).

The **Auto-pay invoices using this payment method** allows you to define whether a credit card should be charged at the end of the billing period.

To set up automatic payment with a debit or credit card when the balance crosses a specified threshold, select the **Pay** check box and specify the threshold in the second field. When the balance crosses this threshold the credit card will be charged for the amount specified in the **Pay** field.

Taxes upon payment

If you use prepaid services and the service provider has enabled the Taxes upon Payment functionality for you, the taxes for such services are calculated and applied when your balance automatically tops up.





The tax amount is calculated based on the amount of the top-up and then added to the payment sum. Upon successful payment processing, your balance is topped up by the total charged amount excluding tax.

Trouble Tickets tab

Using the **Trouble Tickets** tab, you can view a list of recent tickets and create new tickets within the RT (Request Tracking) system.



To create a new ticket, simply click the **©** Create Ticket button at the bottom of the page.

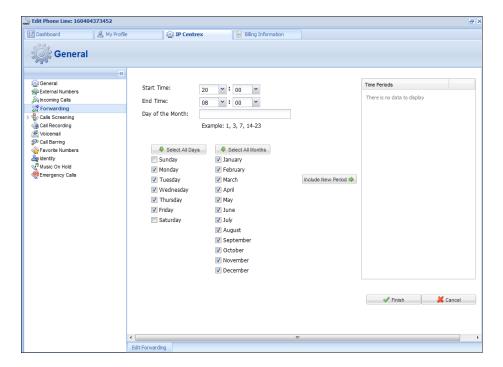


3. How to...



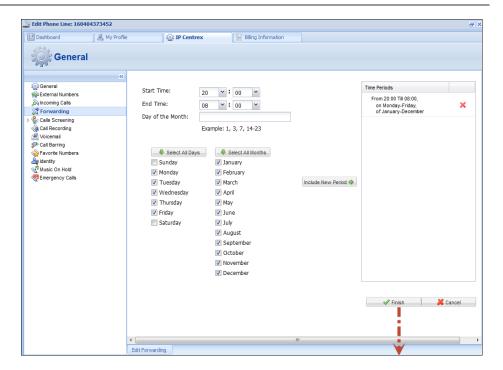
... define a time period using the wizard?

With the period definition wizard, you can easily define the time period for which a number (e.g. a follow-me number) will be used. If you want the number to be permanently active, click the **Always** button at the bottom of the **Period Wizard** page. Otherwise, define the desired period. (Times given are based on a 24-hour clock, i.e. 8 p.m. is the same as 20:00.) The Period Wizard is intuitive and lets you configure multiple time intervals from a single page in just a few mouse clicks. The following example illustrates the process of creating a period within the Monday–Friday workweek that starts at 8 p.m. and lasts until 8 a.m. the next morning:

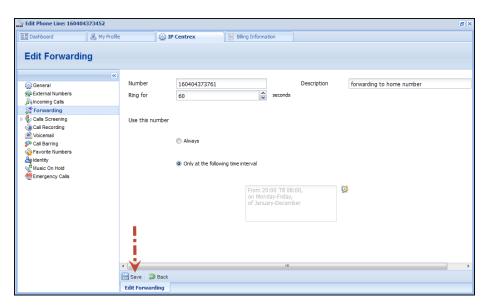


- 1. On the **Period Wizard** page, select **20:00** in the **Start Time** box and **08:00** in the **End Time** box. In the block containing days of the week select **Monday**, **Tuesday**, **Wednesday**, **Thursday**, **Friday**. In the block containing months click the **Select All Months** button.
- 2. Click the **Include New Period** button, and this time period will appear in the **Time Periods** panel on the right side of the page.



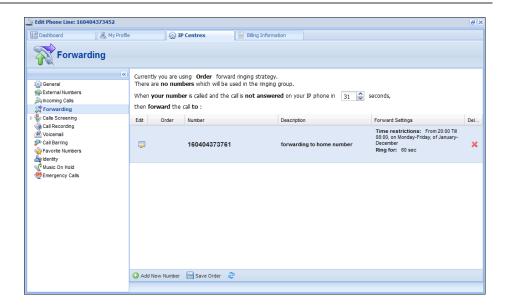


3. Click **Finish** to complete the period definition. If you wish to set another definition for this period, repeat step 1.



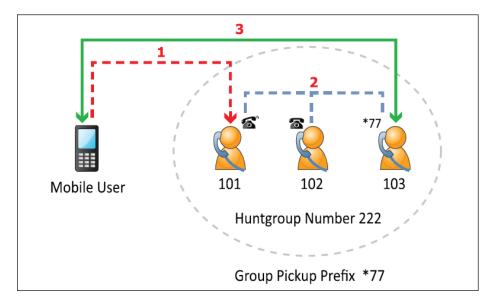
4. Click **Save** to add a specified time period for the current forwarding number.





... configure multiple pickup groups?

The multiple pickup groups functionality allows phone lines in the same IP Centrex environment to be grouped so that phone line owners within the group may answer each other's calls by merely dialing a Group Pickup Prefix on their phones.



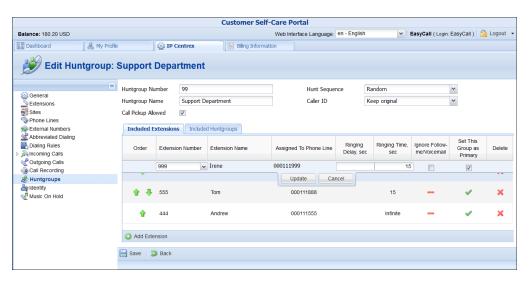
Let's assume that there are two offices working with shared secretarial services. First you must enable a Group Pickup feature, then configure two huntgroups and lastly configure the pickup groups within them.

- 1. On the **IP Centrex** tab, select **Incoming Calls**.
- 2. To enable Group Pickup feature, select **Yes** from the **Group Pickup** list.

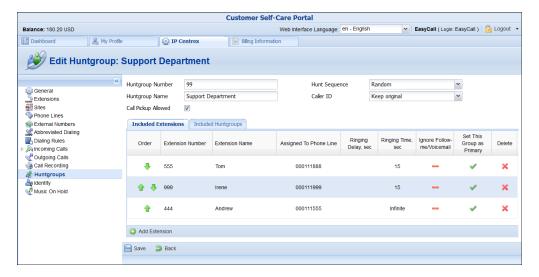


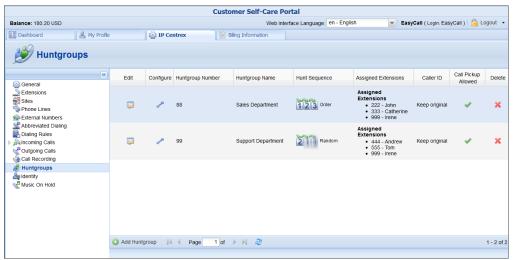


- 3. Select **Dialing Rules**. For your current dialing rule, in the **Service Feature Codes** area, in the **Group Pickup Prefix** box, type *77. Click **Save**.
- 4. Select **Huntgroups**, and add two huntgroups (for how to add huntgroups, see the section titled **Huntgroups**).
 - To the first huntgroup 88 (e.g. Sales Department) add the required extensions: 222, 333 and the secretary's 999 extension. Define huntgroup 88 as primary for extensions 222 and 333. Make sure the **Call Pickup Allowed** is enabled for the huntgroup.
 - To the second huntgroup 99 (e.g. Support Department) add extensions 444, 555 and the secretary's 999 extension. Define huntgroup 99 as primary for all these extensions 444, 555 and 999. Make sure the **Call Pickup Allowed** is enabled for the huntgroup.









With these settings the following scenario is possible: There is an incoming call to extension 444. The secretary (extension 999) can dial *7788 to pick up the call (because 444 is in their non-primary group, thus *77 won't work. They have to dial the group pickup prefix and the number of huntgroup). To pick up an incoming call to the extension 222 the secretary can dial *77 because extension 222 is in their primary group.