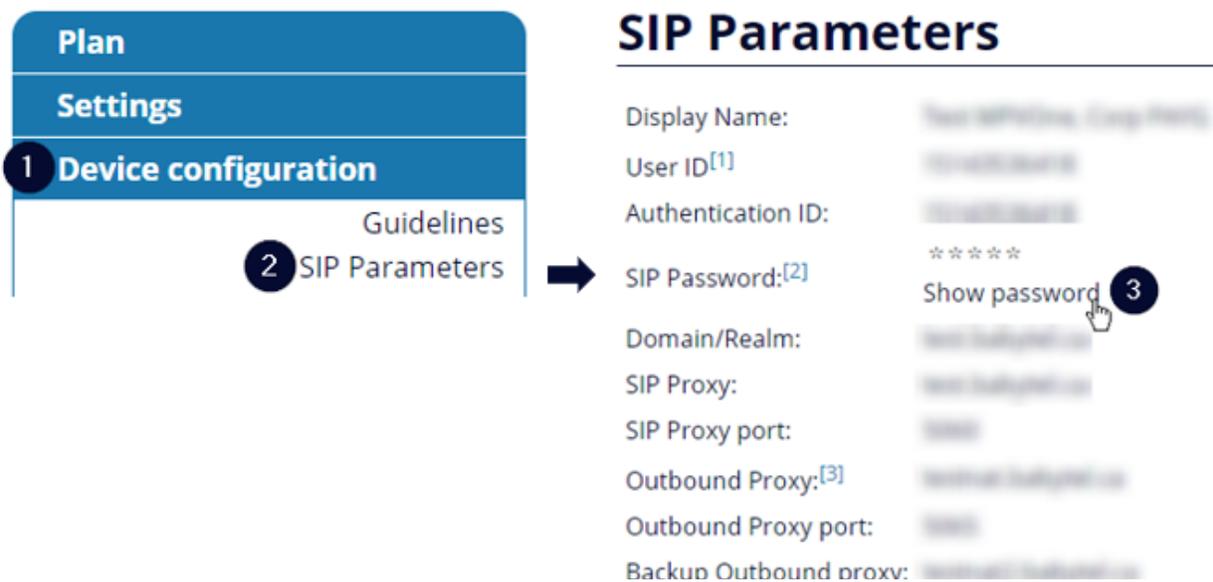


## Introduction

The information in this document is intended as a general guide to help you set up the Cloudli service on your SIP compatible telephone system. It contains only Cloudli-specific parameters that need to be configured on your Dialogic Brooktrout SR140 software. For full and proper functioning of the Cloudli service and all other features, your equipment should be set up according to the detailed instructions provided by the manufacturer in their configuration guide. Make sure to use the latest Dialogic Brooktrout SR140 SDK.

## Step 1 - Gather all the necessary information

Your User ID and Web password were provided to you in the Signup Confirmation email. Go to the Cloudli website ([www.cloudli.com](http://www.cloudli.com)) and login using your ID and password. (The login command can be found at the top right corner of the page.) Click on **Device Configuration** to expand the menu and then click on **SIP Parameters**. A page similar to the example shown below will be displayed, with values relevant to your account.



The screenshot shows the Cloudli web interface. On the left is a navigation menu with the following items: Plan, Settings, Device configuration (highlighted with a circled '1'), Guidelines, and SIP Parameters (highlighted with a circled '2'). An arrow points from the 'SIP Parameters' menu item to the right-hand page. The right-hand page is titled 'SIP Parameters' and contains the following fields and values:

Display Name:	XXXXXXXXXX@cloudli.com
User ID <sup>[1]</sup>	XXXXXXXXXX
Authentication ID:	XXXXXXXXXX
SIP Password: <sup>[2]</sup>	***** Show password <sup>3</sup>
Domain/Realm:	XXXXXXXXXX.com
SIP Proxy:	XXXXXXXXXX.com
SIP Proxy port:	5060
Outbound Proxy: <sup>[3]</sup>	XXXXXXXXXX.com
Outbound Proxy port:	5060
Backup Outbound Proxy:	XXXXXXXXXX.com

Please have this information at hand when you configure your system.

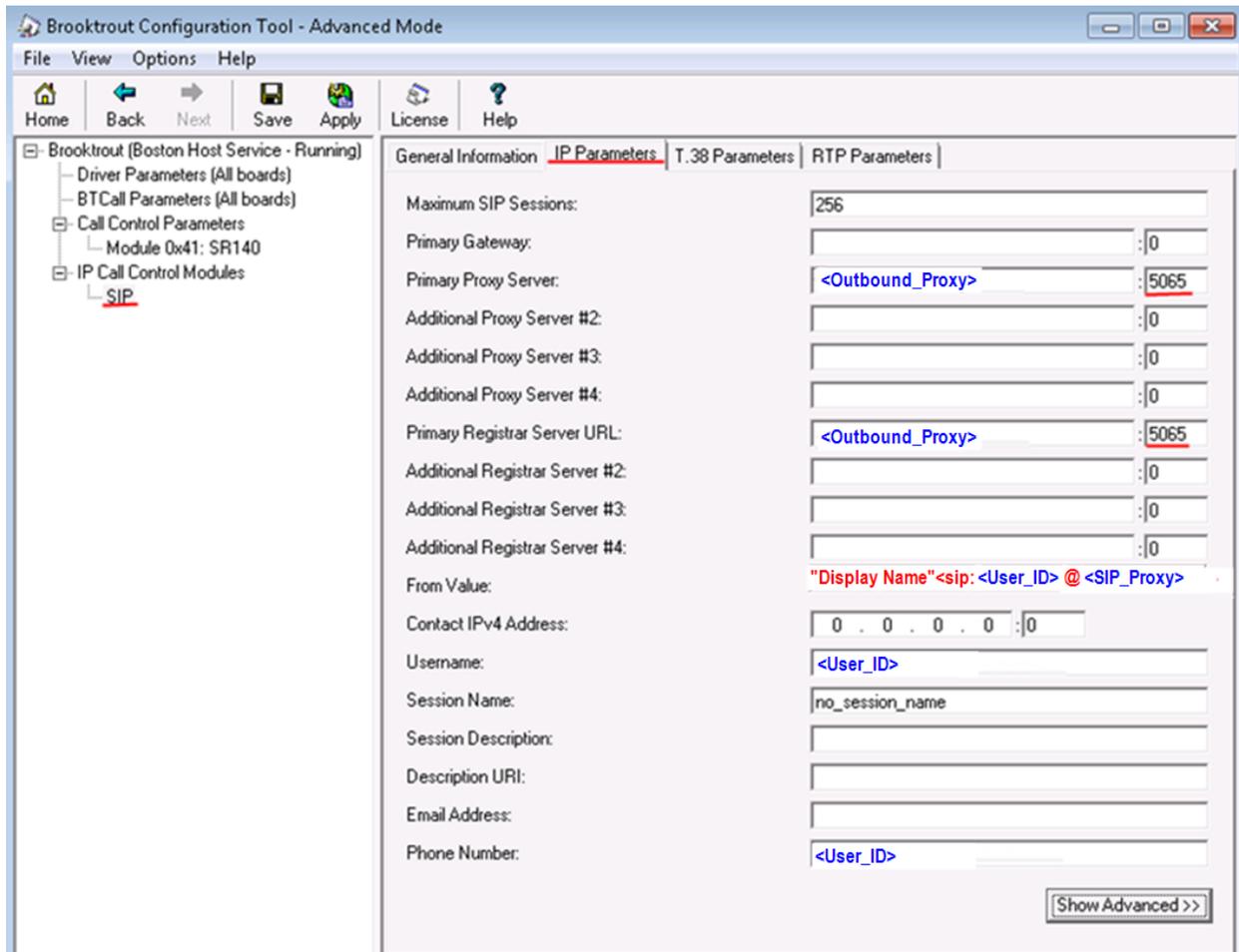
## Step 2 - Configure the SR140 SIP Parameters Using Cloudli Information

**Note:** Values for the Items shown in **blue** should be taken from the SIP Parameters page for your account. When entering data, please do not include the brackets "<" and ">" shown above.

**Note:** When specifying the From Value, if the **Display Name** contains spaces or characters other than letters and numbers you must include it between quotes as in "Display Name".

**Note:** This configuration allows Brooktrout SR140 to use high-speed facsimile transfers up to 33,600 bps with other devices configured on V.34 with Cloudli accounts

Outbound Proxy Parameters:

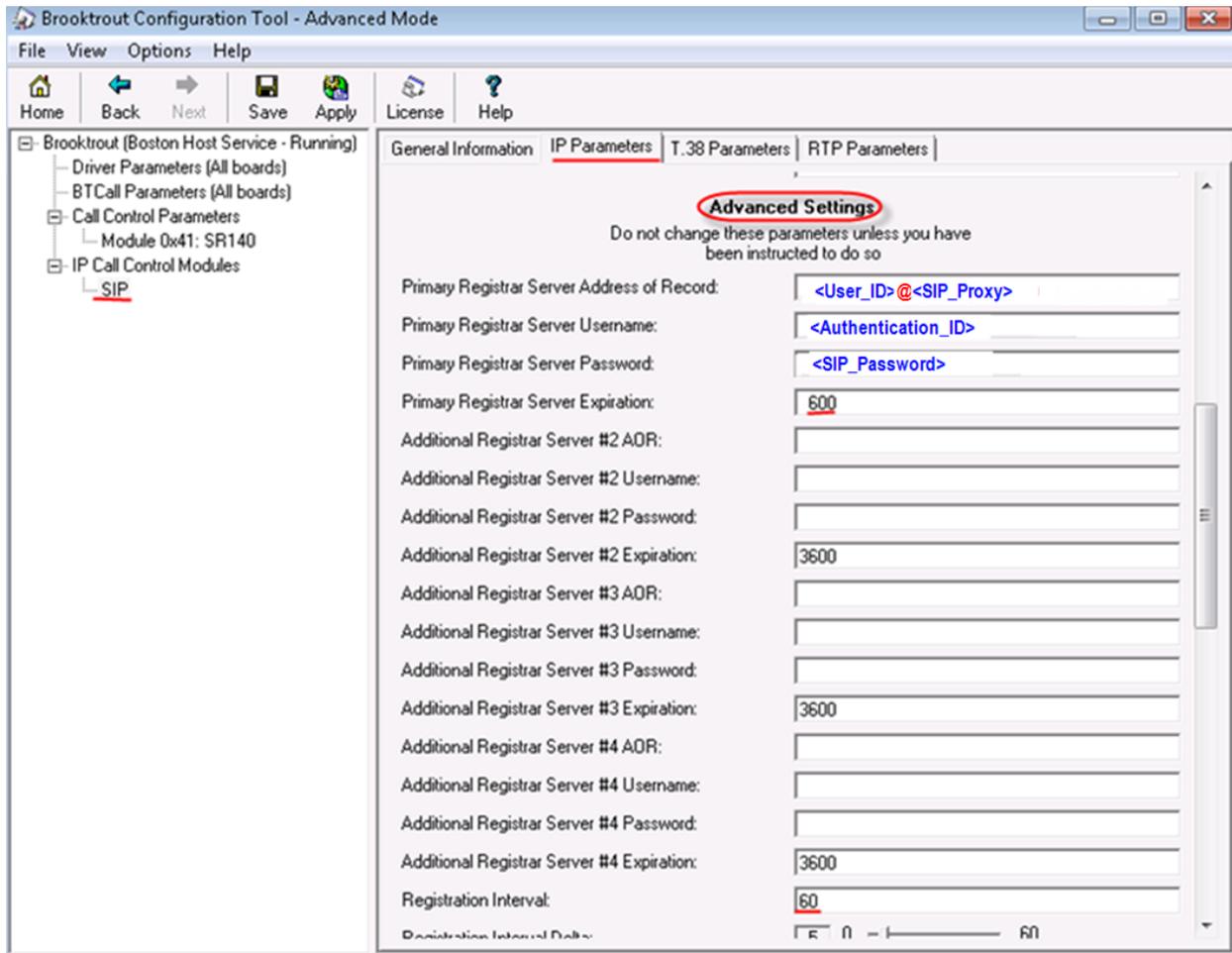


The screenshot shows the Brooktrout Configuration Tool in Advanced Mode. The left sidebar shows a tree view with 'SIP' selected under 'IP Call Control Modules'. The main window displays the 'IP Parameters' tab with the following configuration fields:

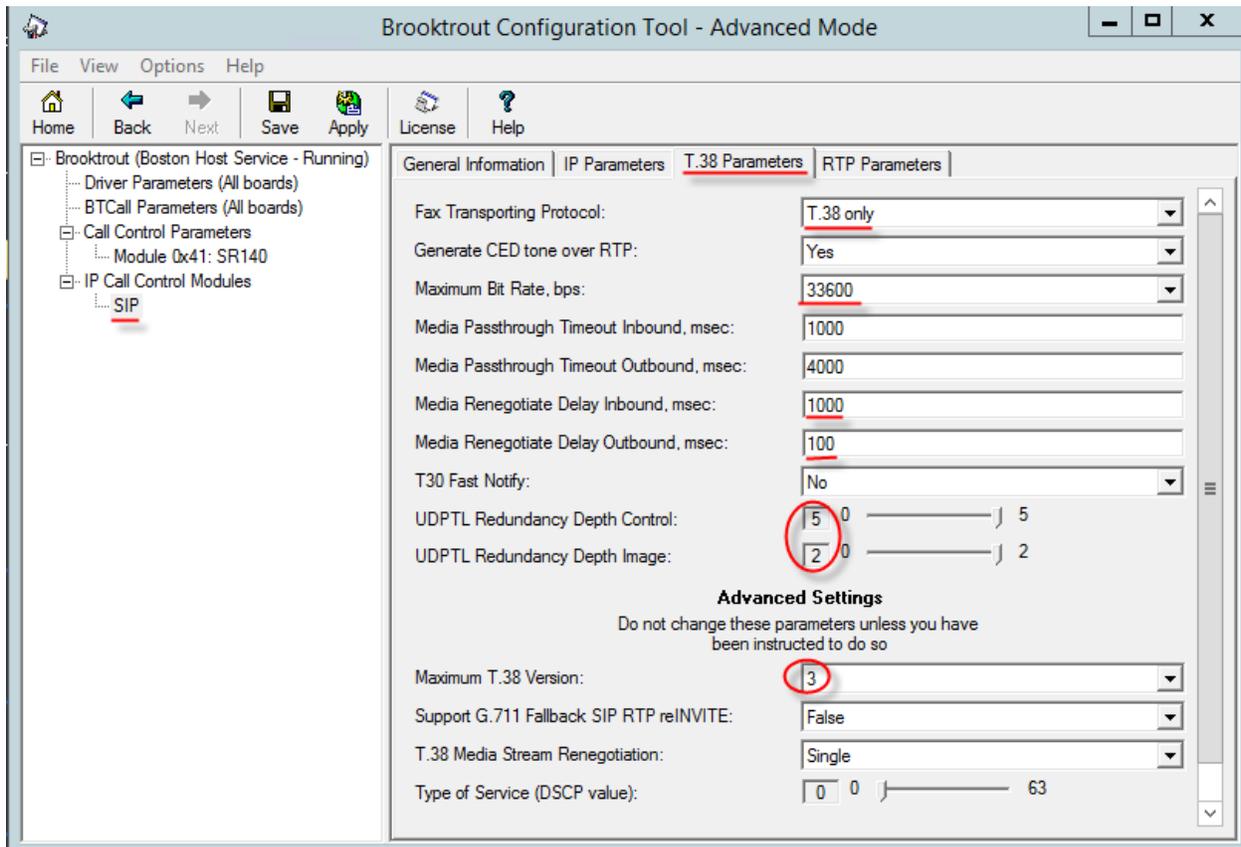
Parameter	Value
Maximum SIP Sessions:	256
Primary Gateway:	:0
Primary Proxy Server:	<Outbound_Proxy> :5065
Additional Proxy Server #2:	:0
Additional Proxy Server #3:	:0
Additional Proxy Server #4:	:0
Primary Registrar Server URL:	<Outbound_Proxy> :5065
Additional Registrar Server #2:	:0
Additional Registrar Server #3:	:0
Additional Registrar Server #4:	:0
From Value:	"Display Name"<sip:<User_ID> @<SIP_Proxy>
Contact IPv4 Address:	0 . 0 . 0 . 0 :0
Username:	<User_ID>
Session Name:	no_session_name
Session Description:	
Description URI:	
Email Address:	
Phone Number:	<User_ID>

A "Show Advanced >>" button is located at the bottom right of the configuration area.

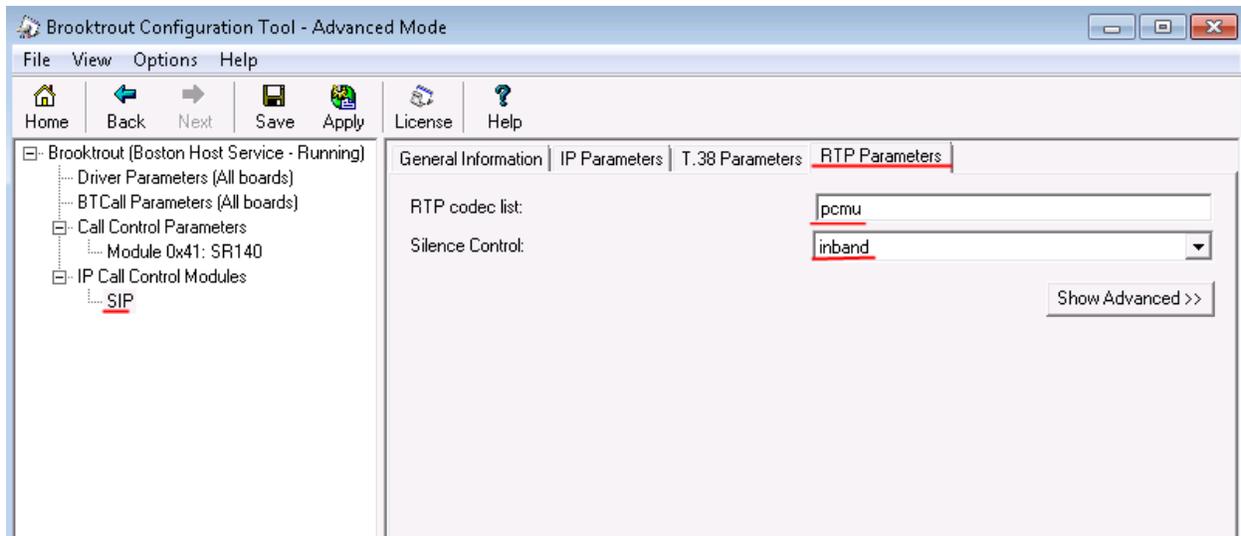
SIP Parameters:



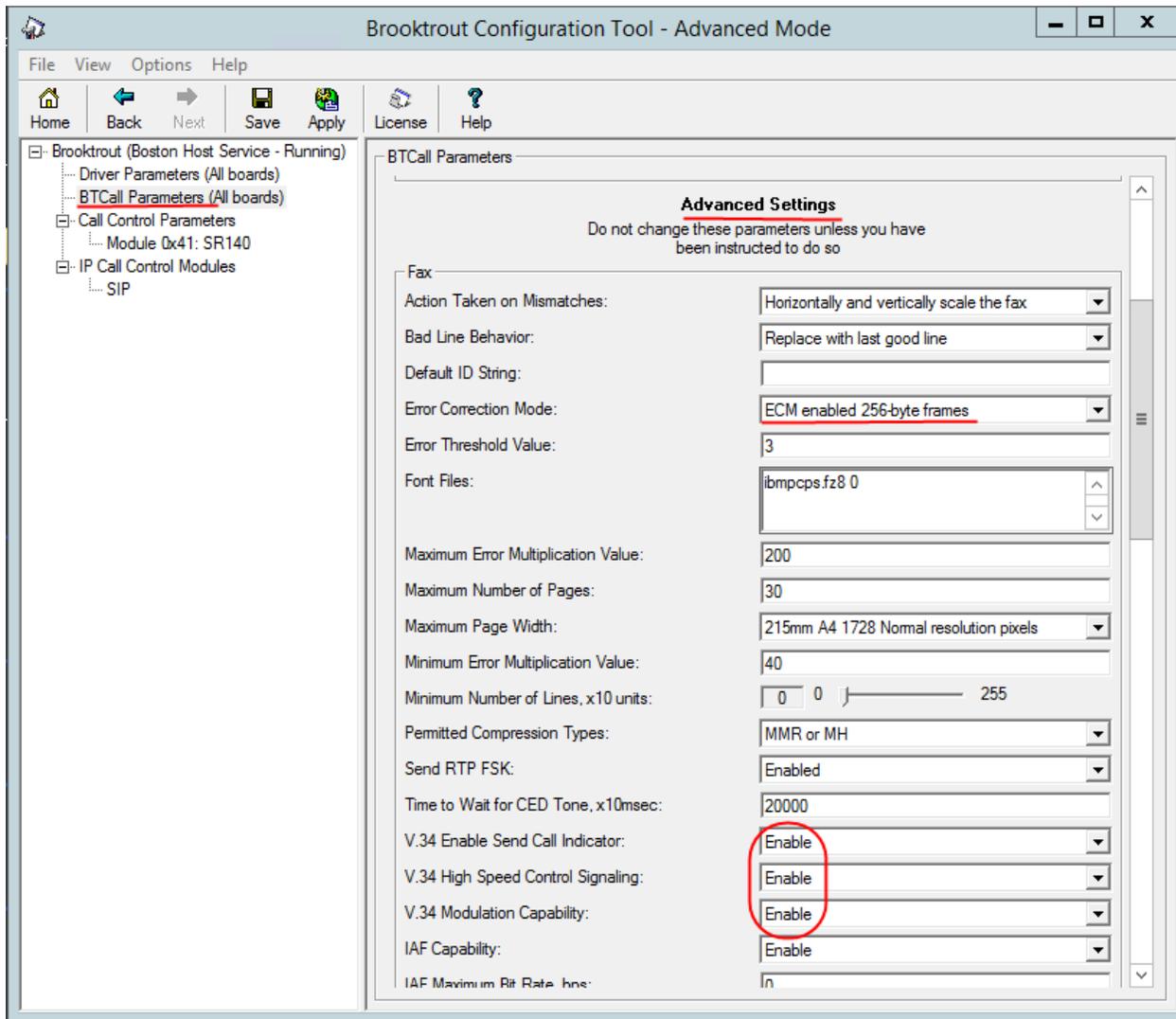
T.38 Parameters:



RTP Parameters:



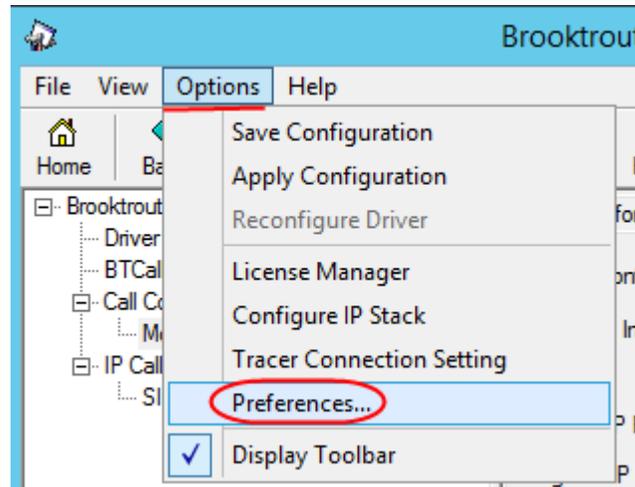
## BTcall Parameters for V.34:



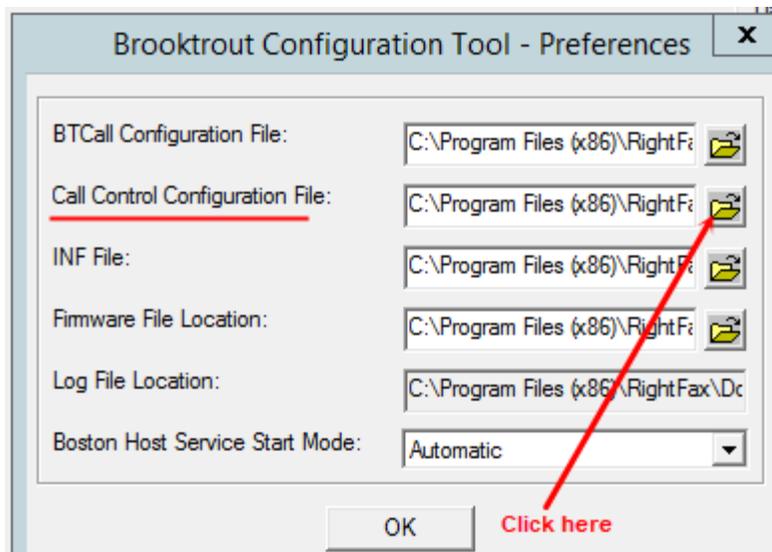
In the SR140 callctrl.cfg file, set (insert those lines if not present)

```
t38_fax_max_datagram_send=600  
t38_fax_max_datagram_rcv=600  
t38_fax_max_buffer=1000
```

To find out where the configuration file (callctrl.cfg) is stored launch the Brooktrout Configuration Tool in Advanced Mode, and select the menu item Options -> Preferences...



You should see a dialog box similar to the one below:



**Result:**

```
[host_module.1/t38parameters]
fax_transport_protocol=t38_only
t38_fax_rate_management=transferredTCF
t38_fax_version=3
t38_max_bit_rate=33600
t38_fax_udp_ec=t38UDPRedundancy
t38_UDPTL_redundancy_depth_control=5
t38_UDPTL_redundancy_depth_image=2
media_renegotiate_delay_inbound=1000
media_renegotiate_delay_outbound=100
t38_fax_max_datagram_send=600
t38_fax_max_datagram_rcv=600
t38_fax_max_buffer=1000
rtp_ced_enable=true
t38_fax_fill_bit_removal=false
t38_fax_transcoding_jbig=false
t38_fax_transcoding_mmr=false
t38_t30_fastnotify=false
t38_type_of_service=0
```

## Contact

If you require assistance you can contact us by email at [service@cloudli.com](mailto:service@cloudli.com)

You can also reach us by phone Monday-Friday 8:00am to Midnight Eastern, and Saturday-Sunday 10:00am to 6pm Eastern at:

Canada	USA
Montréal: 514 201-6550 Toronto: 416 848-0990 Toll free: 1-877-258-VoIP (8647)	Toll free: 1-877-808-VoIP (8647)

**Address:** 1425 René-Lévesque, Suite 700, Montréal, Québec, Canada H3G 1T7

**Website:** [www.cloudli.com](http://www.cloudli.com)

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Thank you for choosing Cloudli as your Internet Telephony Service Provider. We at Cloudli will continually strive to provide you a reliable service. As well, we will be regularly adding additional capabilities that you may find useful. Please keep up-to-date by visiting us at the Cloudli website.