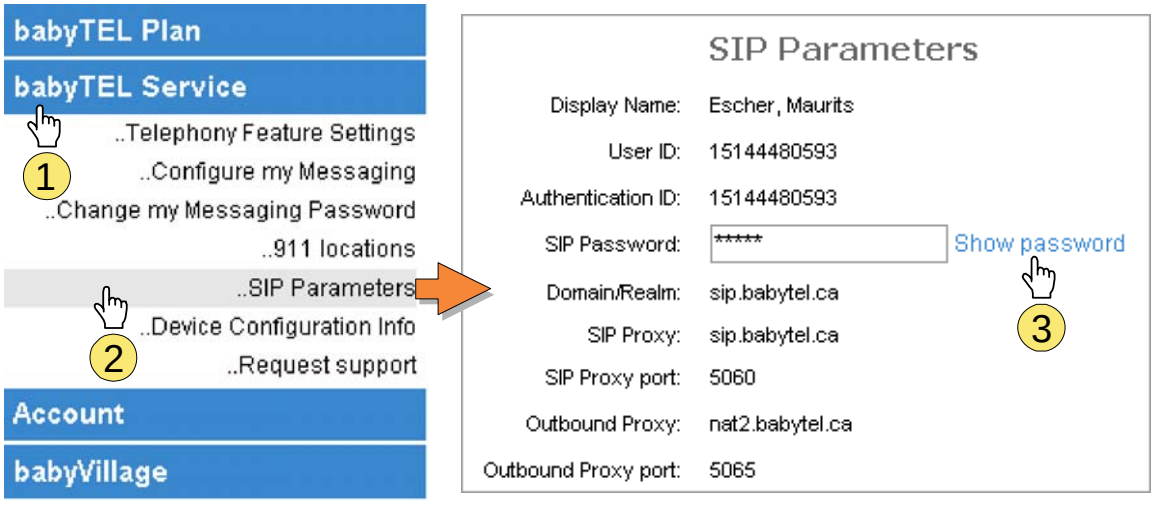
Dialogic Brooktrout SR140 Configuration Guide

Introduction

The information in this document is intended as a general guide to help you set up the babyTEL service on your SIP compatible telephone system. It contains only babyTEL-specific parameters that need to be configured on your Dialogic Brooktrout SR140 software. For full and proper functioning of the babyTEL 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 babyTEL website (www.babytel.net) and login using your ID and password. (The login command can be found at the top right corner of the page.) Click on **babyTEL Service** 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.

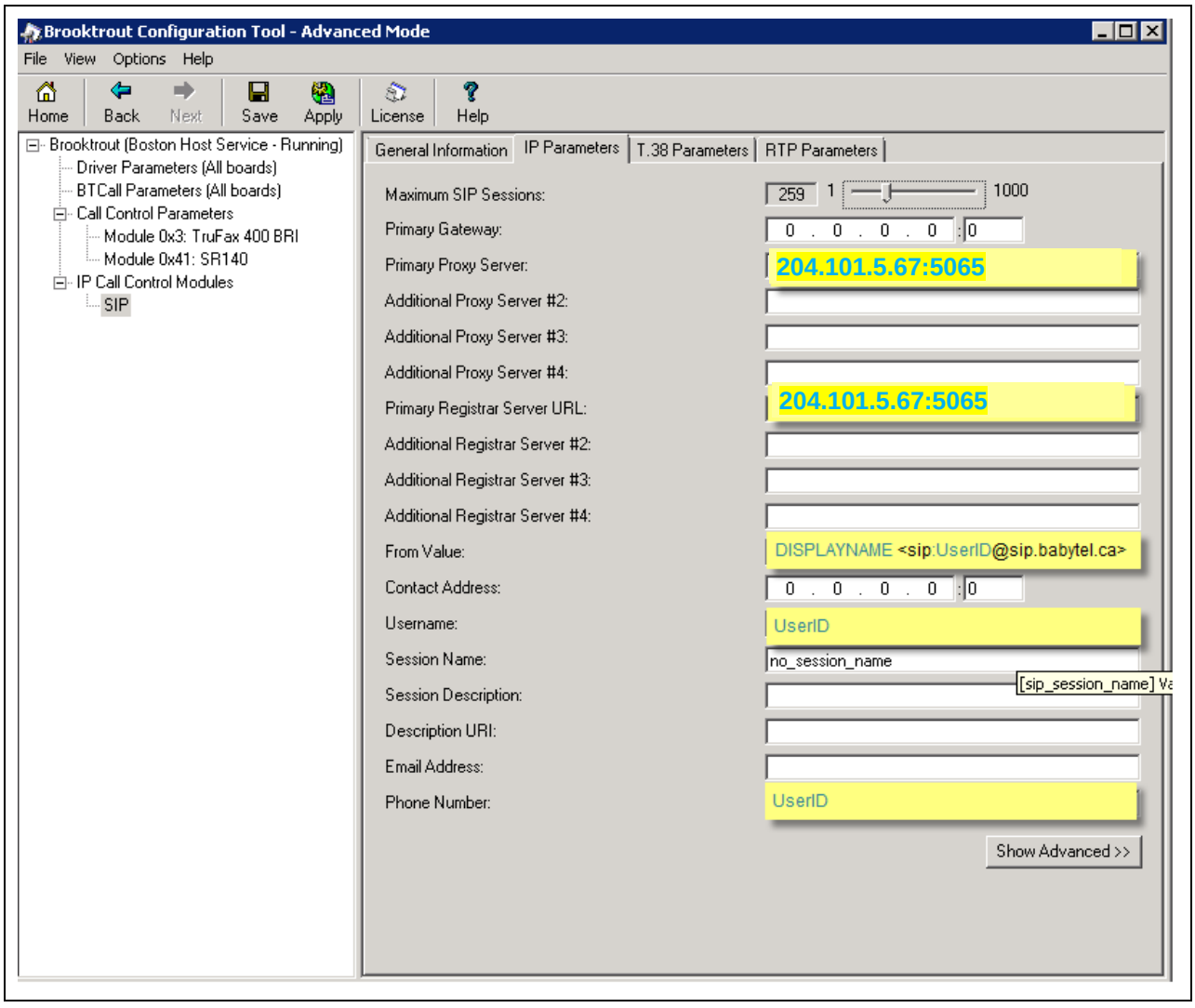


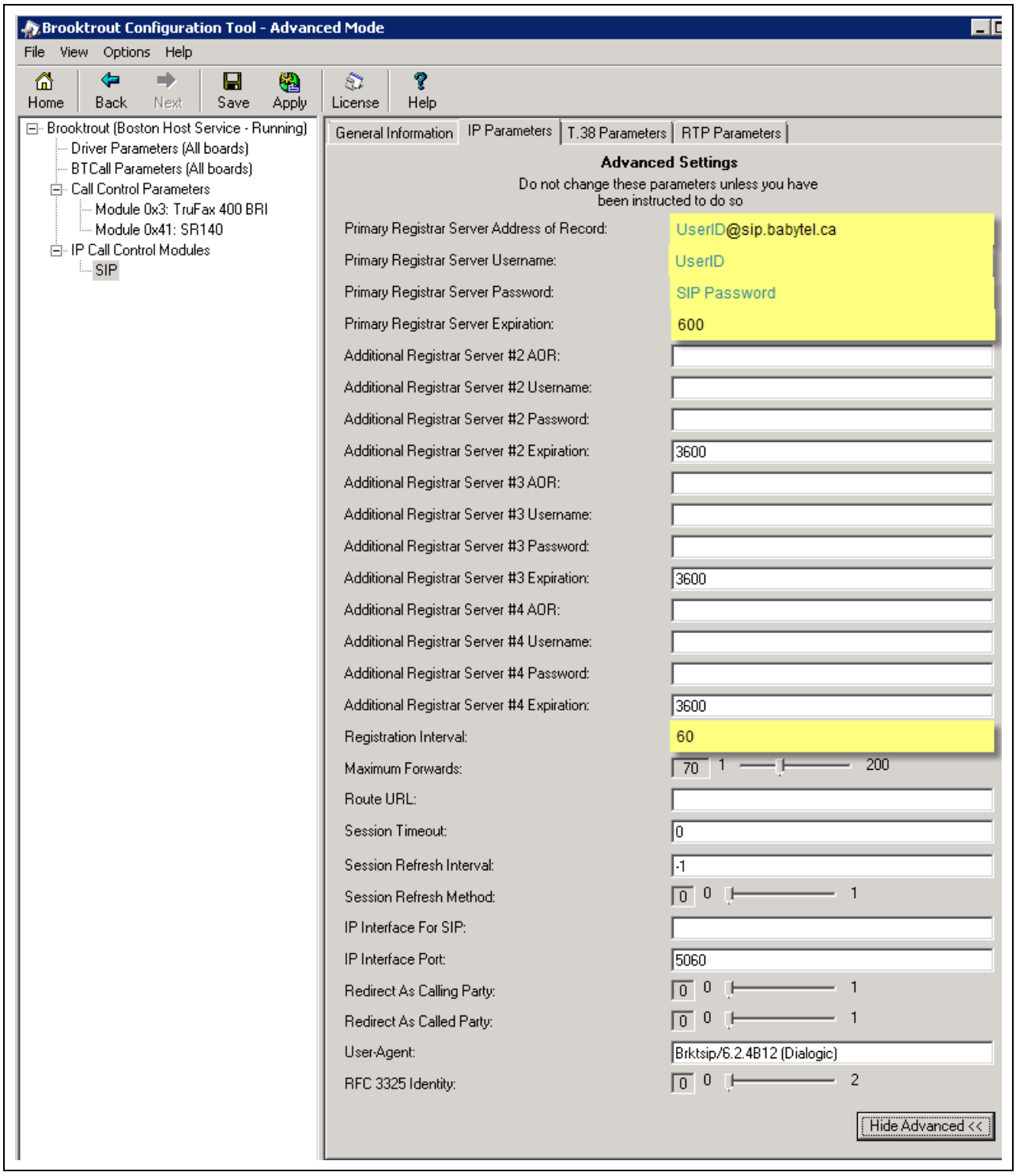
Please have this information at hand when you configure your system.

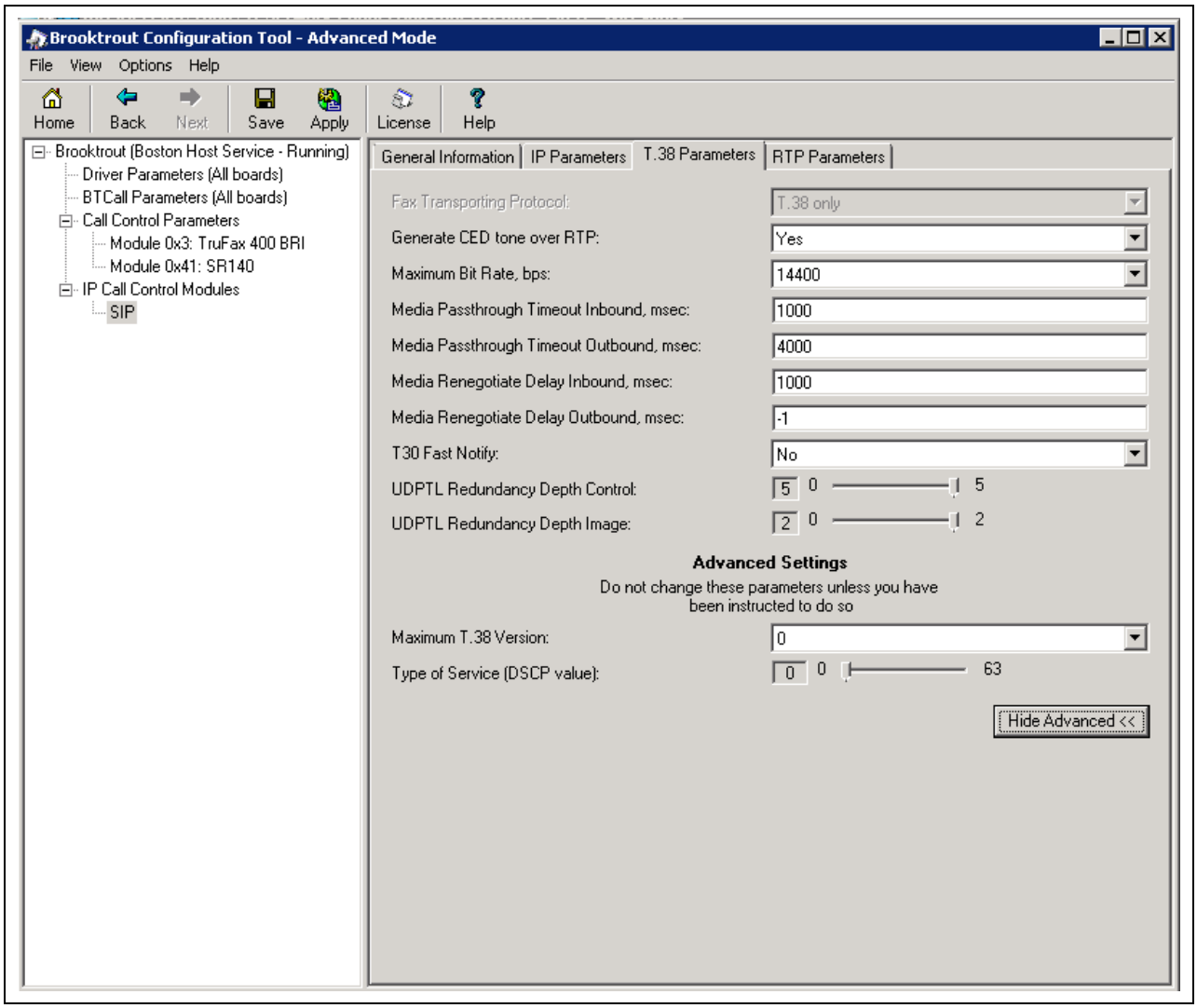
Step 2 - Configure the SR140 SIP Parameters Using babyTEL Information

Note: Values for the Items shown in **blue** should be taken from the SIP Parameters page on your babyTEL account.

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”.




Brooktrout Configuration Tool - Advanced Mode
File View Options Help
Home Back Next Save Apply License Help
Brooktrout (Boston Host Service - Running)
Driver Parameters (All boards)
BTCall Parameters (All boards)
Call Control Parameters
Module 0x3: TruFax 400 BRI
Module 0x41: SR140
IP Call Control Modules
SIP
General Information IP Parameters T.38 Parameters RTP Parameters
Advanced Settings
Do not change these parameters unless you have been instructed to do so
Primary Registrar Server Address of Record: UserID@sip.babytel.ca
Primary Registrar Server Username: UserID
Primary Registrar Server Password: SIP Password
Primary Registrar Server Expiration: 600
Additional Registrar Server #2 AOR:
Additional Registrar Server #2 Username:
Additional Registrar Server #2 Password:
Additional Registrar Server #2 Expiration: 3600
Additional Registrar Server #3 AOR:
Additional Registrar Server #3 Username:
Additional Registrar Server #3 Password:
Additional Registrar Server #3 Expiration: 3600
Additional Registrar Server #4 AOR:
Additional Registrar Server #4 Username:
Additional Registrar Server #4 Password:
Additional Registrar Server #4 Expiration: 3600
Registration Interval: 60
Maximum Forwards: 70 1 200
Route URL:
Session Timeout: 0
Session Refresh Interval: -1
Session Refresh Method: 0 0 1
IP Interface For SIP:
IP Interface Port: 5060
Redirect As Calling Party: 0 0 1
Redirect As Called Party: 0 0 1
User-Agent: Brktsip/6.2.4B12 (Dialogic)
RFC 3325 Identity: 0 0 2
Hide Advanced <<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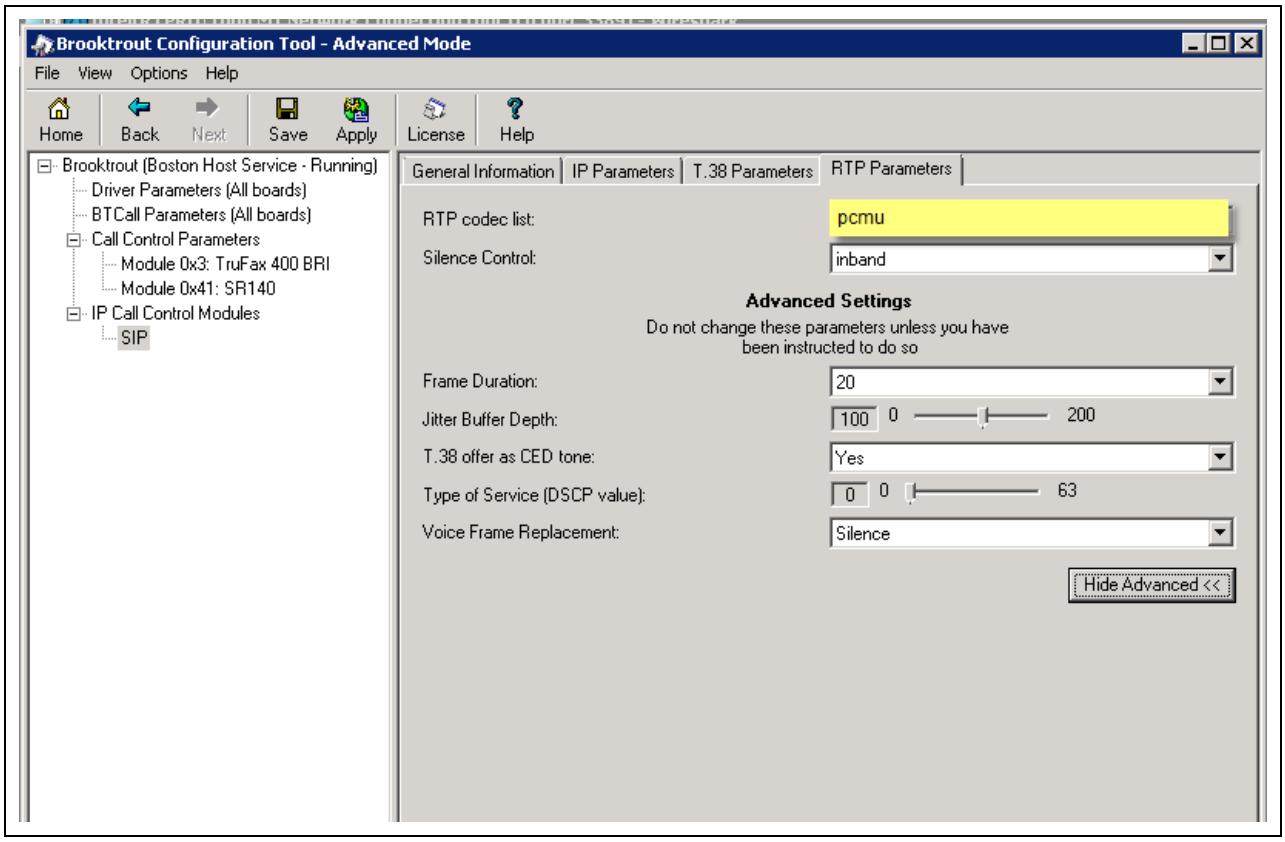
Call Control Parameters
Module 0x3: TruFax 400 BRI
Module 0x41: SR140
IP Call Control Modules
SIP
General Information IP Parameters T.38 Parameters RTP Parameters
Fax Transporting Protocol: T.38 only
Generate CED tone over RTP: Yes
Maximum Bit Rate, bps: 14400
Media Passthrough Timeout Inbound, msec: 1000
Media Passthrough Timeout Outbound, msec: 4000
Media Renegotiate Delay Inbound, msec: 1000
Media Renegotiate Delay Outbound, msec: -1
T30 Fast Notify: No
UDPTL Redundancy Depth Control: 5 0 5
UDPTL Redundancy Depth Image: 2 0 2
Advanced Settings
Do not change these parameters unless you have been instructed to do so
Maximum T.38 Version: 0
Type of Service (DSCP value): 0 0 63
Hide Advanced <<



SR140 callctrl.cfg Values Example:

```
[host_module.1]
  module_library=brktsip.dll
  enabled=true
[host_module.1/t38parameters]
  t38_fax_rate_management=transferredTCF
  fax_transport_protocol=t38_only
  t38_fax_udp_ec=t38UDPRedundancy
  rtp_ced_enable=true
  t38_max_bit_rate=14400
  t38_fax_version=0
  media_passthrough_timeout_inbound=1000
  media_passthrough_timeout_outbound=4000
  media_renegotiate_delay_inbound=1000
  media_renegotiate_delay_outbound=-1
  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
  t38_UDPTL_redundancy_depth_control=5
  t38_UDPTL_redundancy_depth_image=2
[host_module.1/rtp]
  rtp_frame_duration=20
```

```
  rtp_jitter_buffer_depth=100
  rtp_codec=pcmu pcma
  rtp_silence_control=inband
  t38_offer_as_ced=true
  rtp_type_of_service=0
  rtp_voice_frame_replacement=0
[host_module.1/parameters]
  sip_max_sessions=261
  sip_default_gateway=0.0.0.0:0
  sip_proxy_server1=204.101.5.67:5065
  sip_proxy_server2=
  sip_proxy_server3=
  sip_proxy_server4=
  sip_registration_server1=204.101.5.67:5065
  sip_registration_server1_aor=UserID@sip.babytel.ca
  sip_registration_server1_username=UserID
  sip_registration_server1_password=SIP_PASSWORD
  sip_registration_server1_expires=600
  sip_registration_server2=
  sip_registration_server2_aor=
  sip_registration_server2_username=
  sip_registration_server2_password=
  sip_registration_server2_expires=3600
  sip_registration_server3=
  sip_registration_server3_aor=
  sip_registration_server3_username=
  sip_registration_server3_password=
  sip_registration_server3_expires=3600
  sip_registration_server4=
  sip_registration_server4_aor=
  sip_registration_server4_username=
  sip_registration_server4_password=
  sip_registration_server4_expires=3600
  sip_registration_interval=60
  sip_Max-Forwards=70
  sip_From="Display Name" <sip:UserID@sip.babytel.ca>
  sip_Contact=0.0.0.0:0
  sip_username=UserID
  sip_session_name=no_session_name
  sip_session_description=
  sip_description_URI=
  sip_email=
  sip_phone=UserID
  sip_Route=
  sip_session_timer_session_expires=0
  sip_session_timer_minse=1
  sip_session_timer_refresh_method=1
  sip_ip_interface=
  sip_ip_interface_port=5060
  sip_redirect_as_calling_party=0
  sip_redirect_as_called_party=0
  sip_user_agent=Brktsip/6.2.4B12 (Dialogic)
  sip_RFC3325_Identity=0
```

Contact

If you require assistance you can contact us 24 hours a day, 7 days a week, by email at service@babytel.net.

You can also reach us by phone 7 days a week from 9 AM to midnight, Eastern Time 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.babytel.net

Thank you for choosing babyTEL as your Internet Telephony Service Provider. We at babyTEL 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 babyTEL website. Pleasant surprises may await you.