



## Bulletin POL001 – Polycom 501 Configuration for WorldSmart

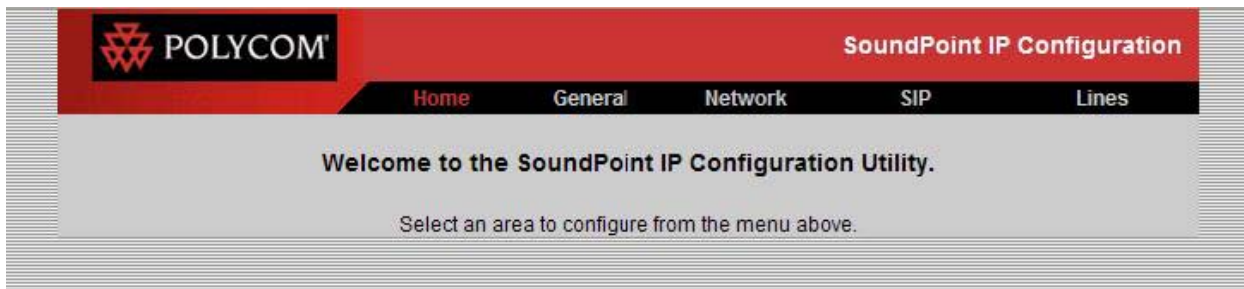
### Configuring the Polycom 501 via the Web Interface

Press the Menu button and then press the down arrow on the phone one time to highlight Status, and then press Select or SEL to choose that option. Next press the down arrow to highlight Network and then press Select or SEL to choose the Network option. Press Select or SEL again to display the TCP/IP Parameters and display the IP address of the device. Once you have the IP address of your Polycom, you can access the web interface by opening a web browser and typing the following in the Address:

<http://< IP Address of Polycom >>

For example: <http://192.168.1.75>

You should now see the Polycom Welcome screen. See image below:



You may be asked for administrative login credentials. Enter the default values, Polycom and 456, as shown below.



## Configuration Line 1 – Login

Under the Lines setting make sure the following sections are configured as shown:

### Identification

Display Name: **Friendly Name**  
Address: **WorldSmart Account Name**  
Auth User ID **WorldSmart Account@p7.wspbx.com**  
Auth Password: **WorldSmart Password**  
Label: **User Mailbox Number**

### Server 1

Address: **p7.wspbx.com**  
Port: **5060**  
DNS Lookup: **DNSnaptr**

The screenshot shows the Polycom SoundPoint IP Configuration web interface. The top navigation bar includes 'Home', 'General', 'Network', 'SIP', and 'Lines'. The 'Lines' tab is selected, and the 'Line Parameters' section is active, showing three lines: Line 1, Line 2, and Line 3. The configuration for Line 1 is detailed below:

Line 1	
<b>Identification</b>	
Display Name	John Doe
Address	jdoe1-worksmart-com
Auth User ID	jdoe1-worksmart-com@
Auth Password	*****
Label	9026
Type	<input checked="" type="radio"/> Private <input type="radio"/> Shared
Third Party Name	
Num Line Keys	
Calls Per Line Key	
ACD Login Logout	0
ACD Agent Available	0
Ring Type	11
<b>Server 1</b>	
Address	p7.wspbx.com
Port	5060
DNS Lookup	DNSnaptr
Expires	
Register	

Scroll down the page and enter the following settings for configuring the message waiting indicator in the Message Center Section:

### Message Center

Subscriber: **MailboxNumber-WorldSmart-com**  
Callback Mode: **Contact**  
Callback Contact: **mwi- MailboxNumber**

Message Center	
Subscriber	<input type="text" value="9026-worksmart-com"/>
Callback Mode	<input type="text" value="Contact"/> ▼
Callback Contact	<input type="text" value="mwi-9026"/>
top	<input type="button" value="Submit"/>

• Then press **Submit**

Under the SIP (Session Initiation Protocol) settings make sure the following is set. There are no changes; everything else is left as default.

The screenshot shows the Polycom SoundPoint IP Configuration interface. The top navigation bar includes 'Home', 'General', 'Network', 'SIP', and 'Lines'. The 'SIP' tab is selected, and the 'SIP Configuration Parameters' section is active. Below this, there are two tabs: 'Servers' and 'Local Settings'. The 'Servers' tab is selected, showing the 'Outbound Proxy' and 'Server 1' configuration sections. The 'Outbound Proxy' section has 'Address' (empty), 'Port' (5060), and 'DNS Lookup' (DNSNaptr). The 'Server 1' section has 'Address' (empty), 'Port' (5060), 'DNS Lookup' (DNSNaptr), 'Expires' (empty), 'Register' (1), 'Retry Time Out' (0), 'Retry Max Count' (0), and 'Line Seize Time Out' (30).

Then press **Submit**

## Configuration – Network Configuration Parameters: QoS, RTP, NAT

In the Network Section, under the QoS (Quality of Service), RTP (real-time Transport Protocol) , and NAT (Network Address Translation) settings, there are no changes needed.

**POLYCOM** SoundPoint IP Configuration

Home   General   **Network**   SIP   Lines

**Network Configuration Parameters:**

QoS   RTP   NAT

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**QoS**

**RTP**

802.1Q User Priority	5
IP ToS Minimize Delay	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
IP ToS Maximize Throughput	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
IP ToS Maximize Reliability	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
IP ToS Minimize Cost	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
IP ToS Precedence	5

**Call Control**

802.1Q User Priority	5
IP ToS Minimize Delay	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
IP ToS Maximize Throughput	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
IP ToS Maximize Reliability	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
IP ToS Minimize Cost	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
IP ToS Precedence	5

**Other Protocols**

802.1Q User Priority	2
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top

**RTP Port Settings**

Filter By IP Address	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
Filter By Port	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
Forced Port	<input type="text"/>
Port Range Start	<input type="text"/>

top

**Network Address Translation**

IP Address	<input type="text"/>
Signalling Port	<input type="text"/>
Media Port Start	<input type="text"/>

top

## General Configuration Parameters – User preferences, Time Synchronization, Audio Processing

In the General Section, Under the User Preferences, Time Synchronization, and Audio Processing settings make sure the following is set in this order.

### User Preferences

One Touch Voice Mail **Enabled**

The rest can be left as default.

### Time

SNTP Server: **pool.ntp.org ( can also be set to a static address xxx.xxx.xxx.xxx such as 192.53.103.103)**

GMT Offset: **8 United States Western Time (this is your local time zone)**

The screenshot displays the 'SoundPoint IP Configuration' web interface. At the top, there is a navigation bar with 'Home', 'General', 'Network', 'SIP', and 'Lines'. Below this is a 'General Configuration Parameters' section with a grid of links: 'User Preferences', 'Time', 'Audio Processing', 'Sampled Audio', 'Microbrowser', and 'Logging'. The 'User Preferences' section is expanded, showing a table of settings:

User Preferences	
Headset Memory Mode	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
Use Directory Names	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
One Touch Voice Mail	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
Bypass Instant Message	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
Welcome Sound (All Boot)	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
Welcome Sound (Warm Boot)	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
top	<input type="button" value="Submit"/>

The 'Time' section is also expanded, showing 'Synchronization' and 'Daylight Savings' settings:

Time	
<b>Synchronization</b>	
SNTP Server	pool.ntp.org
GMT Offset	-8
SNTP Resync Period	86400
<b>Daylight Savings</b>	
Daylight Savings	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled
Fixed Day	<input type="radio"/> Enabled <input checked="" type="radio"/> Disabled
Start Month	April
Start Date	01
Start Time	02:00

## Audio Processing

G.729A: **First**  
G.711u (PCMU): **Second**  
G.711a (PCMA): **Third**

Audio Processing	
<b>Codec Preferences</b>	
G.711u	Second <input type="button" value="v"/>
G.711A	Third <input type="button" value="v"/>
G.729AB	First <input type="button" value="v"/>
<b>G.711u Codec Profile</b>	
Payload Size	<input type="text" value="20"/>
Jitter Buffer Minimum	<input type="text" value="40"/>
Jitter Buffer Shrink	<input type="text" value="500"/>
Jitter Buffer Maximum	<input type="text" value="160"/>
<b>G.711A Codec Profile</b>	
Payload Size	<input type="text" value="20"/>
Jitter Buffer Minimum	<input type="text" value="40"/>
Jitter Buffer Shrink	<input type="text" value="500"/>
Jitter Buffer Maximum	<input type="text" value="160"/>
<b>G.729AB Codec Profile</b>	
Payload Size	<input type="text" value="20"/>
Jitter Buffer Minimum	<input type="text" value="40"/>
Jitter Buffer Shrink	<input type="text" value="500"/>
Jitter Buffer Maximum	<input type="text" value="160"/>
<a href="#">top</a>	<input type="button" value="Submit"/>

Then press **Submit**

The phone is now provisioned.