

# Ports to open on Router/Firewall - CallSwitch

## Ports used by handsets:

### TCP:

- 10001 (Presence)
- 10005 (Presence)
- 5060~5069 (SIP)
- 80 (HTTP Config)
- 443 (HTTPS Config)

### UDP:

- 5060~5069
- 10000~20000 (RTP Traffic)

## Additional ports for Communicator App:

### TCP:

- 10005 (Presence)
- 5222 (Jabber)
- 5223 (Jabber)

## Additional Ports (non-critical):

- UDP 4000~4999 - T.38 Fax

The best practice for allowing traffic is to open the firewall to your CallSwitch server hostname – MT510.callswitch.net

Server hostnames point to IP address ranges below:

- 185.138.199.0/27 specifically for MT510 185.138.199.10

**Note:** In some rare cases extremely strict firewalls/networks can block our provisioning proxy server from sending configuration redirection requests to handsets and may require traffic to be permitted. (<http://provisioning.callswitch.net>).

## **Important note: You must ensure SIP ALG is disabled across all firewall devices**

### **Example firewall configuration (Handsets):**

TCP IN WAN -> LAN

- MT510.callswitch.net TCP, Port: from 10001 to any
- MT510.callswitch.net TCP, Port: from 5060~5069 to any
- MT510.callswitch.net TCP, Port: from 80 to any
- MT510.callswitch.net TCP, Port: from 443 to any

UDP IN WAN -> LAN

- MT510.callswitch.net UDP, Port: from 5060~5069 to any
- MT510.callswitch.net UDP, Port: from 10000~20000 to any

LAN -> TCP OUT

- MT510.callswitch.net TCP, Port: from any to 10001
- MT510.callswitch.net TCP, Port: from any to 5060~5069
- MT510.callswitch.net TCP, Port: from any to 80
- MT510.callswitch.net TCP, Port: from any to 443

LAN -> UDP OUT

- MT510.callswitch.net UDP, Port: from any to 5060~5069
- MT510.callswitch.net UDP, Port: from any to 10000~20000