

Mitel/ShoreTel Port List

Switches

Port Type	Port #	Functionality	Description
UDP/TCP	5432,5440-5461	Call Control	Communication channel, Switch status, location, bandwidth, transport admission control.
UDP	10,000 - 20,000	RTP	Audio traffic.
TCP	20-21	FTP	Phone Configurations via FTP
TCP	22	SSH	Secure connection to CLI
TCP	25	SMTP	Voice to email, system notifications.
UDP	2727	MGCP	MGCP Phones (old phones)
ICMP		Ping	Ping Utility
UDP	33434 - 33689	IP Path Trace	Used for Traceroute utility. (Not mandatory)

IP Phones

Port Type	Port #	Functionality	Description
UDP	2427	Call Control	MGCP phones (old phones)
TCP	22	SSH	Secure connection to CLI
TCP	5060-5061	SIP/SIPS	Session / Signaling
UDP	10,000 - 10128	RTP	Audio traffic
ICMP		Ping	Ping Utility

HQ/DVS

Port Type	Port	Functionality	Description
UDP/TCP	80/443	Director/Authentic ication	Director Browsing/Authentication
TCP	111	Port Mapper	Manages RPC
UDP	10,000 - 20,000	RTP	Audio traffic.
TCP	20/21	FTP	Phone configuration
TCP	22	SSH	Secure connection to CLI
TCP	25/587	SMTP	Voice to email, system notifications.
UDP	2727	MGCP	MGCP Phones (old phones)
UDP	33434 - 33689	IP Path Trace	Used for tracerouting utility.
TCP/UDP	389, 636	LDAP	AD integration
ICMP			
TCP	4308	MySQL	Database Connection
UDP/TCP	5440 - 5461	Call Control	Communication channel, Switch status, location, bandwidth, transport admission control.

Softphone/ Connect Client

Port Type	Port #	Functionality	Description
UDP/TCP	80/443	Authentication	Registration/authentication
UDP/TCP	5040-5061	Call Control	Communication channel, switch status, location, bandwidth, transport admission control.
UDP/TCP	389, 636	LDAP	AD integration
UDP	10,000 – 20,000	RTP	Audio traffic

Edge Gateway

Port Type	Port #	Functionality	Description
UDP/TCP	443	DMZ interfaces	Authentication and audio traffic over TSL

TCP:53 is required if your DNS Server is outside of your local subnet