

## Firewall requirements for Vscene 2.x

For standards-based video conferencing using H.323/SIP endpoints, V-Room systems and WebRTC for web-based conferencing.

Component	Name	Application	IP address	TCP ports	UDP Ports*
H.323 Calling	H.323/SIP Gateway	H.323 Call Signalling, Setup and Media	212.219.85.150 to 212.219.85.200	1719 to 65535 (Bi-directional)	1719 to 65535 (Bi-directional)
SIP Calling	H.323/SIP Gateway	SIP / Secure SIP signalling	212.219.85.150 to 212.219.85.200	5060 & 5061 (Bi-directional)	50000-65535 (Bi-directional)
H.323 / SIP Device Registration	H.323 Gatekeepers & SIP Registrar	Endpoint Registration & GK Neighbouring	194.80.134.34 (Primary GK) 194.80.134.35 (Secondary GK) 194.80.134.50 (SIP Registrar)	1719 & 1720 (H.323) 5060 & 5061 (SIP) (All Bi-directional)	1719-65535 (H.323) 50000-65535 (SIP) (All Bi-directional)
V-Room Registration & Calling	V-Room Registrar	Endpoint Registration and Media	212.219.85.131 to 212.219.85.145	80, 443, 17990 to 17992 (Outbound)	50000 to 65535 (Outbound)
WebRTC	WebRTC Cluster	Call Setup, Signalling and Media	195.195.245.192/27	443 (Outbound)	3478 60000 to 61000 (Outbound)
WebRTC	STUN/TURN Server	Firewall Traversal (optional)	212.219.85.233	3478 (Outbound)	3478 (Outbound)
Vscene Spaces / Direct 1 to 1 Calls	WebRTC Cluster	Call Setup, Signalling and Media	eu.prod.vidyo.io	443 (Outbound)	443 60000-61000 (Outbound)

\* Any firewall UDP time-out should be extended to a suitable length to enable conferencing sessions to continue uninterrupted. E.g. 2 or 4 hours, but longer may be required, based on your organisations usage.

If web proxies or DNS filtering are being used on your network, please add the following exceptions: - \*.vscene.net, eu.prod.vidyo.io, \*.jisc.ac.uk & \*.jvcs.ja.net.

If you will be using Skype for Business with Vscene, please whitelist the domain 'vscene.net' in your organisational control panel for Office365.

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