

Supported Browser

Name	Platforms specification	Minimum Version	Recommended Version
Chrome	Only for Windows desktop Pc, Android devices and MAC	80	Latest
Safari	Only for Apple (iOS, MacOS, iPadOS) devices	14	Latest
Firefox	Only for Windows desktop Pc	68	Latest
Opera	Only for Windows desktop Pc	67	Latest
Edge	Only for Windows desktop Pc	80	Latest
Samsung Internet	Only for Android devices	13.2	Latest

Notice: only customers (callers) can access from mobile devices.

For operators is mandatory to use a desktop platform:

- for Windows devices we recommend using Chrome (latest version);
- for Apple MAC devices we recommend using Chrome (latest version) or Safari (latest version).

Other technical requirements

Hardware requirements

	Details	
Video source (webcam or phone-camera)	Required	It's recommended a full HD camera with autofocus
Audio output (speakers or headphones)	Required	
Audio input (microphone)	Required	

Network requirements

	Minimum	Recommended
Upload speed	1 Mb/s	Over 2 Mb/s
Download speed	1 Mb/s	Over 10 Mb/s

Mandatory: communication allowed on port TCP 443 to any, used for HTTPS and TURN communication.

Recommended: UDP communication allowed from port 49152 to port 65535 (WebRTC) towards these IP addresses:

- 52.211.248.242
- 52.215.132.122
- 34.250.209.32
- 34.252.102.168
- 18.203.42.116
- 52.211.248.242
- 52.215.132.122
- 79.125.86.23
- **108.129.31.2**
- **108.129.46.251**
- **108.129.46.90**
- **54.170.36.66**
- **54.171.153.171**

Notice: the use of LiveID+ with VPN that doesn't have split tunnel enabled is not recommended because this can increase the latency.