

InterpreterNow Technical Specification

InterpreterNow can be used on a variety of devices such as:

- PCs,
- Laptops
- Apple mac
- Chrome Books
- Android Phones, Tablets
- iPhone and iPads

For Non Mobile devices, PCs, laptops etc. there are two types of service available, a WEB RTC product and a PC client.

Where possible it is advised to use a LAN connection rather than Wi-Fi as the quality of the video would be greatly improved.

WEB RTC Product

PC Requirements

- Windows 7 or above
- Mozilla Firefox
- Chrome

1. Installation

There is no installation required as the service is web based and is using WEB RTC delivered to Firefox and Chrome. The service is reached on <https://service.i-now.uk/user>

- Webcam and Audio
Logitech C920 (HD, USB 1080p) or similar specification. The higher the specification the better the video quality.
- Audio should be allowed on the PC

2. Network Requirements

Port	Domain/IP	Protocol	Direction (client's perspective)	Description
443	service.i-now.uk/46.249.223.171	TCP	Outgoing	Web traffic
3447	3.8.246.53, 18.130.149.147	TCP	Outgoing	Establishment of call, SIP secure websocket
1024-65535	3.8.246.53, 18.130.149.147	UDP	Incoming	Video and audio traffic

40000-40999	3.8.246.53, 18.130.149.147	UDP	Outgoing	Video and audio traffic
19302	64.233.161.127	UDP	Outgoing	Stun-request

PC Client

1. PC requirement
 - Windows 7 or above
2. Installation
 - The client is downloaded from a link supplied by InterpreterNow. This is to be supplied on request
3. Webcam and Audio
 - Logitech C920 (HD, USB 1080p) or similar specification. The higher the specification the better the video quality.
 - Audio should be allowed on the PC
4. Broadband Internet Access
 - Upload: 1Mbps or better
 - Download: 4 Mbps or better
5. Network Requirements

Port	Domain/IP	Protocol	Direction (client's perspective)	Description
80	Service.i-now.uk 46.249.223.171	TCP	Outgoing	For fetching contact icons, message box messages etc.
443	Service.i-now.uk 46.249.223.171	TCP	Outgoing	For logging in
5060	Service.i-now.uk 46.249.223.171	TCP/UDP	Outgoing	SIP traffic to server
25000-26000	35.177.225.232.	UDP	Both ways	RTP and RTCP

Mobile device

1. Android Device
 - Any Android phone or tablet with the InterpreterNow or contactSCOTLAND App loaded free from Google Play store
2. Apple device
 - Any iPhone or iPad with the InterpreterNow or contactSCOTLAND app loaded free from Apple App Store.
3. Network requirements for Wifi

Android

Port	Domain/IP	Protocol	Direction (client's perspective)	Description
80	Service.i-now.uk 46.249.223.171	TCP	Outgoing	For fetching contact icons, message box messages etc.
443	Service.i-now.uk 46.249.223.171	TCP	Outgoing	For logging in
5060	Service.i-now.uk 46.249.223.171	TCP/UDP	Outgoing	SIP traffic to server
8000-8099	35.177.225.232	UDP	Both ways	RTP and RTCP

iOS

Port	Domain/IP	Protocol	Direction (client's perspective)	Description
80	Service.i-now.uk 46.249.223.171	TCP	Outgoing	For fetching contact icons, message box messages etc.
443	Service.i-now.uk 46.249.223.171	TCP	Outgoing	For logging in
5060	Service.i-now.uk 46.249.223.171	TCP	Outgoing	SIP traffic to server
8000-8200	35.177.225.232	UDP	Both ways	RTP and RTCP