



Press Release

Voptop – Voice over peer to peer – Beta Release

Anonymous Internet Telephony via P2P

Voptop is the new contender on the Internet telephony market. Since the Snowden revelations it is clear to what extent the market leader for Internet telephony from Redmond forwards customer data to US intelligence, and treats the privacy of its users with contempt. With the re-introduction of telecommunications data retention in mind you do not have to look into the distance to realise why the anonymization and encryption of Internet communication etc. is a good idea. This is where Voptop sets in...

What is Voptop?

Voptop offers anonymous and end-to-end encrypted communication within a de-centralised network and hampers the tapping of phone calls by hiding them. Voptop offers video chat, screen sharing, instant messaging and file exchange.

Unique Feature

Voptop enables you to communicate anonymously and untraceable. Thus, this is the central unique selling point that Voptop wishes to offer. This can be achieved because no direct connection between the communication parties is established at any given time, unless specifically asked for by the participants of the communication. Furthermore, there is no central server that is interconnected between the communication parties. Therefore, there is no central point of attack or "interception point". This is achieved by the peer-to-peer network Voptop creates through its users. A communication connection is always channelled through a number of Voptop participants and thus, is disguised.

Encryption

For communication between client & server as well as client & client Voptop employs the asymmetrical RSA encryption technique with a key length of 4096bit. For the encryption of streamed data the symmetrical XTEA technique is used in CBC mode.

Availability

For the launch, Voptop is available in a Beta Version (1.0.0) for Windows, Ubuntu-15.10, Ubuntu-15.04, Ubuntu-14.04-LTS and Debian-8 as well as Haiku-OS. The Beta version is still under development. A beta for MacOS X will be published soon as well.

Open Source & Financing

Voptop (client & server) are under a software license based on the MIT-license. The Voptop source code will be published with the first „Release Candidate“.

All services offered by Voptop are free of charge for private use. Voptop is financed by advertising venue and for this purpose ads from different providers are taken out on the Voptop web page as well as the client. At this point there is no advertisement in the Voptop-Client. This is only going to change with the first „Release Candidate (RC)“. All advertisements on Voptop will always be discreet. A fee-based, ad-free version is expected to be released with the first release.

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