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# Safeguarded against WebRTC: Steganos Online Shield VPN still protects real IP-addresses

- **WebRTC reveals home IP-address and location**
- **Steganos Online Shield VPN stays fully operative**
- **WebRTC protection activated with one click only**

**BERLIN, Germany, February 09, 2015 – It was revealed earlier that Mozilla Firefox as well as Google's Browser Chrome let out users' real IP-addresses despite activated VPNs. Developer Daniel Roesler names the implementation of WebRTC as reason for this security flaw. With Steganos Online Shield VPN the VPN tunnel stays protected against WebRTC: Internet users can still cover up their real IP-addresses and locations by using the VPN-tool developed by German Software company Steganos ([www.steganos.com](http://www.steganos.com)).**

## WebRTC: A threat to the local network and IP-address safety

WebRTC (Web Real-Time Communication) enables real-time communications in certain browsers. Using a simple JavaScript, these browsers allow some services that offer features such as phone calls or video-chats to communicate directly with one another without any plug-in. Thereby, they make requests to STUN servers (Session Traversal Utilities for NAT) which are sent over all available adapters in the computer and make it possible for websites to log users' local and WAN-IPs.
Usually VPNs send all traffic through VPN tunnels. As the 'normal' route over the standard gateway is not deleted, if the default setting in the OpenVPN configurations is set, it can be used to make these STUN requests and reveal the real IP-address.

## Steganos Online Shield VPN stays in full working order

The VPN-tool of Steganos offers an easy solution to block WebRTC in Google Chrome and Mozilla Firefox: The real IP-address stays hidden, because the route

over the standard gateway during the VPN connection gets deleted. WebRTC-protection can be activated with only one click directly in the software's settings. As long as the protection in Steganos Online Shield VPN is active, there is no possibility to log the real IP-address via WebRTC.

**A test of your own connection can show its vulnerability**

Every Internet user can find out if their VPN connection is secure within seconds. Therefore, a visit of the following website is recommended: https://diafygi.github.io/webrtc-ips/.

**Media Information**

Printable images and press releases are available for download: https://www.steganos.com/uk/company/press-center/

**About Steganos Software GmbH**

For more than 15 years, Steganos has been a leader in digital privacy protection. The company, founded in Germany in 1997, develops security products like Steganos Privacy Suite, Steganos Password Manager and Steganos Online Shield. For more information, visit www.steganos.com

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