



Case study

Windscribe – a solution to protect privacy and secure data online

#browser_extension

#API

#Chrome

#Firefox

#JavaScript

Windscribe – a desktop application and a browser extension that work together to block ads, social networks, and trackers, as well as restoring access to blocked content and helping users safeguard their privacy online. Users get access to geo-restricted content, share privacy with others and reduce exposure to tracking and surveillance.

Challenge

The main goal was to create a browser extension for Mozilla Firefox and Google Chrome. The main challenge consisted of creating a full VPN client as well as an ad and tracker blocker and a secure link for the browser extension.

Solution

We developed an advanced proxy manager that changes proxy configurations and switches between several proxy profiles to ensure internet security and privacy. Such functionalities as user agent rotator, double hop detection, API call on install, social button removal, tracker blocking, networking blocking, and DOM element blocking were introduced.

Results

We created a VPN desktop application that blocks ads and trackers, as well as restoring access to blocked content and helping users safeguard their privacy online.

Our client received an innovative product that allows its users to access geo-restricted content, share privacy with others and reduce exposure to tracking and surveillance.

Features

- secure link generator
- advertisement blocker
- “remove social media icons” setting
- beacons and trackers control tool
- geo-restrictions circumvention
- user agent random rotation
- encrypts browsing activity; blocks ads

Technologies

JavaScript with the use of browser’s API for extensions

Country: Canada

Year: 2015 - present

Link: www.windscribe.com

Find us at eliftech.com
Have a question? Contact us:
info@eliftech.com
+1 (302) 543 20 12

