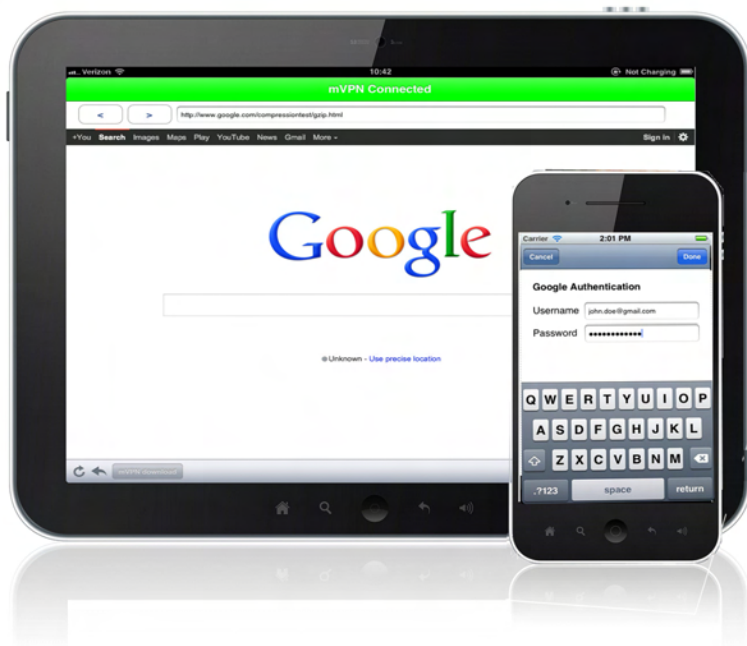


Secure wireless access for iPhone, iPod touch and iPad

COLUMBITECH

# Columbitech mVPN Secure Browser



## Mobile VPN for iPhone and iPad for risk-free BYOD

Available on the  
**App Store**

The mVPN Secure Browser® is the latest addition to Columbitech's enterprise-grade mobile VPN solution and it is designed for iPhone and iPad, version 5.0 or later. It provides PKI-based secure access to intranet resources and other web-based applications behind an organization's firewall, without degrading the performance of the connection. The secure browser provides an end-to-end encrypted VPN tunnel between the iOS handheld device and an organization's network, enabling mobile users to securely access data over any type of wireless network.

### Clear separation between personal and enterprise data

Employees are increasingly using their personal devices in the workplace and IT departments are challenged with how to secure both corporate-issued devices and personal devices. The Columbitech mVPN Secure Browser for iPhone and iPad helps organizations deal with the bring-your-own-device (BYOD) strategy by creating a clear separation between how users access personal and enterprise data on the device. With this approach, organizations can focus on securing the important applications, instead of securing all the content. The secure browser functions like a secure container, which mobile users are required to use to access certain web applications and data residing behind the organization's firewall.

### FIPS-validated security for enterprise iOS users

Users are prompted to authenticate themselves before they can start a secure browsing session, all the data is encrypted, and the VPN only opens one port in the firewall. The Columbitech mVPN Secure Browser supports mutual two-factor authentication and up to 256-bit AES encryption, protecting against unauthorized access, man-in-the-middle attacks and eavesdropping.

It also provides integrity monitoring (SHA-1) of all data in motion as well as support for Network Access Control (NAC), which enables enforcement of the organization's IT policy. The mVPN Secure Browser also offers secure distribution of X.509 client security certificates. The Columbitech VPN solution is FIPS 140-2 validated by the National Institute of Standards and Technology (NIST).

### Session persistence and seamless roaming

The Columbitech mVPN Secure Browser is built on a session-level VPN infrastructure, which eliminates the weaknesses of traditional VPN solutions. It provides a persistent connection with seamless roaming across wireless networks as the user moves around and switches between Wi-Fi and cellular networks. Dead zones are seamless to the user, who can continue to work as normal even if the device temporarily loses the connection to the network. Advanced data compression provides up to 100 percent faster throughput, optimizing the performance of the web applications.

### Download directly from iTunes

The Columbitech mVPN Secure Browser solution is a client/server-based VPN software architecture and does not require any additional hardware. The mVPN Secure Browser client is downloadable to the iPhone, iPod touch and iPad from iTunes. The VPN server software supports virtualization and can be installed on a server computer on premises. Columbitech also offers a cloud-based VPN solution, where the server is hosted and managed off-site.

## Mobile VPN for iPhone, iPod touch and iPad

## TECHNICAL SPECIFICATIONS

## CLIENT SUPPORT

iPhone, iPod touch, and iPad. Requires iOS 5.0 or later

## SERVER SUPPORT

Windows 2000/2003/2008

Linux (kernel 2.6.8 or higher)

## NETWORKS

Ethernet (fixed)

Wi-Fi (private and public)

Mesh networks

Cellular networks (WiMAX, 2G, 3G, and 4G)

Dial-up

Satellite

## ENCRYPTION

Up to 256-bit AES encryption

## AUTHENTICATION

Client certificates

AD

Radius

Simple

Google

UIS

*Support for mutual two-factor authentication*



## About Columbitech

Columbitech, a leading mobile VPN provider allows organizations to protect their entire workforce with one cost-effective VPN solution. The Columbitech Mobile VPN is software-based and FIPS 140-2 certified, offering secure, persistent wireless access from laptops, tablets and smart phones with seamless roaming across Wi-Fi, cellular and satellite networks. With more than two million users, customers include three of the top ten U.S. retailers, public safety agencies, all U.S. military branches, postal and logistics companies, and large telecom providers. Columbitech is privately held with offices in Stockholm, Sweden, and New York, USA. Please visit [www.columbitech.com](http://www.columbitech.com) for more information.



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