RCDevs
security solutions

Security Solutions

OpenOTP™
MFA-VPN

THE VPN SERVER WITH OTP AND FIDO-U2F

■ MFA-VPN Server

RCDevs MFA-VPN is an Enterprise-grade VPN appliance designed for companies needing remote access to corporate networks and resources. It is built on top of the very robust OpenVPN server technology and provides **an extremely secure remote access gateway for your Active Directory or LDAP users, with pre-included multi-factor features like mobile Push login or Universal Second Factor (U2F)**. MFA-VPN relies on your WebADM/ OpenOTP Identity Management platform and also supports any MFA login methods provided by the OpenOTP server.

■ For which OS is it provided?

The RCDevs MFA-VPN supports all OpenVPN client application, on any platform, for example **Windows, macOSX or Linux**. Enabling VPN access for users has never been so easy: simply create an access group in Active Directory and a dedicated Client access policy, and you're done.

■ Stronger Authentication

MFA-VPN is the first remote access appliance to **support the FIDO-U2F standard**. As such, MFA-VPN can optionally authenticate users with **Yubikey FIDO or Feitian USB devices**. By combining the OpenOTP flexible OTP methods and FIDO-U2F, MFA-VPN is also **the world's most advanced VPN server in terms of strong authentication features.**

RCDevs recommends Sparklabs' Viscosity for the VPN client. The latest version of Viscosity for Windows and macOS has been enhanced by RCDevs and Sparklabs in order to support smooth One-Tap Push OTP and U2F. **Please contact RCDevs for a bundled offer.**

TWO MFA-VPN INTEGRATION OPTIONS

You may already use OpenVPN in your infrastructure or you need a new VPN server. RCDevs can fulfill your requirements by providing two deployment options for MFA-VPN.

✓ **Option 1: You need a new VPN server.**
The MFA-VPN product is an Enterprise VPN server including the OpenVPN technology and RCDevs' own MFA components. It is provided via Linux installation packages or a Virtual Appliance.

✓ **Option 2: You already use an OpenVPN server.**
RCDevs OpenVPN Bridge is a companion software service for OpenVPN which provides the MFA components needed to interact with the OpenOTP back-end.

THE WORLD'S FIRST FIDO ENTERPRISE
VPN SERVER

MFA-VPN is a very unique VPN server as it supports both OTP and U2F multi-factor technologies. FIDO-U2F is gaining in popularity because it provides a much richer user experience by relying on devices which do not require OTP code display like on OATH token devices. Instead, the user device starts blinking when establishing the VPN connection and the user just needs to press the device. Currently, RCDevs supports USB U2F devices from Yubico and Feitian.
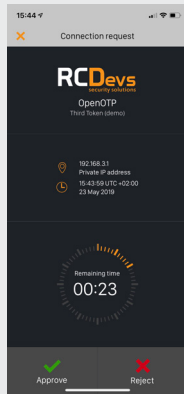
MOBILE PUSH WITH SIMPLE APPROVE/DENY

MFA-VPN supports the OpenOTP's Simple Push feature where the user's mobile phone is activated on-the-fly when the user starts the VPN connection. The VPN login transactions are displayed on the mobile phone and the user just needs to press 'Approve' to authenticate the remote connection. RCDevs mobile Push can be combined with other OpenOTP authentication methods like SMS or Hardware Token for fallback mechanisms.

GRAPHICAL ACCESS POLICIES WITH WEBADM

Defining your remote access policies has never been so simple: create access groups and client policies in RCDevs WebADM and your VPN server will implement user access with an unbeatable level of flexibility. WebADM client policies support group, domain, time and even geolocation-based access control. The WebADM audit provides full user activity reports with geolocation information.