



Feature Description Document

Configuring VPN Profile settings using IXM WEB



Purpose

This document describes the functional specifications of the VPN feature.

Applies to

TITAN	TFACE	TOUCH 2	SENSE 2	MERGE 2	MYCRO
All Devices	All Devices	All Devices	All Devices	All Devices	All Devices

Description

IXM WEB allows users to configure VPN profile settings on IXM Devices. To establish communication over VPN, user must enable VPN Status. A user can create a profile without enabling VPN status, but if the VPN status is disabled then the IXM Device will not be able to establish a successful connection. Once VPN status is enabled, the user will be able to communicate through VPN.

To create a VPN Profile, IXM WEB provides the following VPN protocol types:

- PPTP
- L2TP/IPSec – PSK
- L2TP/IPSec – RSA
- IPSec Xauth PSK
- IPSec Xauth RSA
- IPSec Xauth Hybrid

To establish a secure VPN Communication, IXM WEB will allow to Upload and Install Server, User and CA Certificates.



Configuring VPN from IXM WEB

1. IXM WEB **Devices** page >> **Communication** >> **VPN** option to get default settings for VPN window.

Device ID:1
TSTOUCH2FP2 Offline Edit

Transactions Offline Authentication types Fingerprint Device Category -- Comm Mode Ethernet Last Online 1/10/2020 5:57:47 PM

Overview Employees **Communication** Notification Security Access Control General Settings Time & Attendance Smart Card

VPN Disconnected

PROFILE INFORMATION

VPN IP Address: 0.0.0.0

VPN Type: PPTP

Profile Name: [] Server Address: [] Search Domain: []

User Name: [] Password: [] Forwarding Route: [] DNS Servers: []

ADDITIONAL INFORMATION

L2TP Secret: [] Pre-Shared Key: [] IPsec Identifier: [] MPPE Encryption

CERTIFICATE SETTINGS

Server Certificate: Do not verify server Employee Certificate: [] CA Certificate: received from server [Manage Certificates](#)

APPLY RESET

Web Cloud

2. Toggle **ON** VPN Profile Setting.

Device ID:1
TSTOUCH2FP2 Offline Edit

Transactions Offline Authentication types Fingerprint Device Category -- Comm Mode Ethernet Last Online 1/10/2020 5:57:47 PM

Overview Employees **Communication** Notification Security Access Control General Settings Time & Attendance Smart Card

VPN Disconnected

PROFILE INFORMATION

VPN IP Address: 0.0.0.0

VPN Type: PPTP

Profile Name: [] Server Address: [] Search Domain: []

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ADDITIONAL INFORMATION

L2TP Secret: [] Pre-Shared Key: [] IPsec Identifier: [] MPPE Encryption

CERTIFICATE SETTINGS

Server Certificate: Do not verify server Employee Certificate: [] CA Certificate: received from server [Manage Certificates](#)

APPLY RESET

Web Cloud



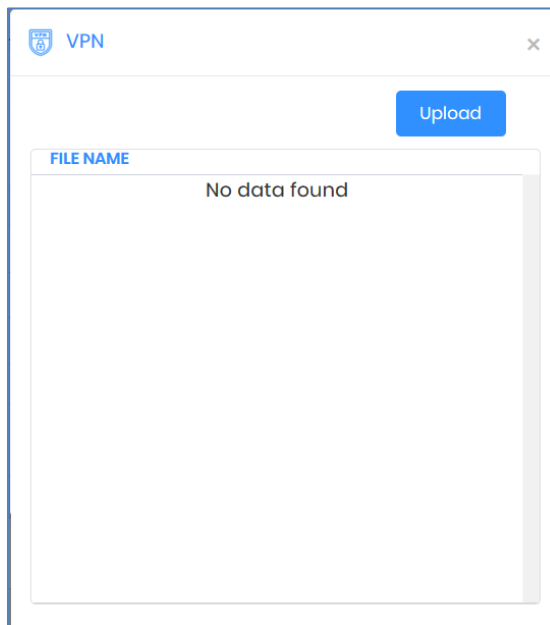
3. Provide all the necessary settings for VPN. “Profile Name”, “Server Address”, “User Name” and “Password” are mandatory fields to use VPN feature on device.
4. Click **Manage Certificates** to upload and use certificate for VPN.

The screenshot displays the VPN configuration page for a device named 'TSTOUCH2FP2'. The page is divided into several sections:

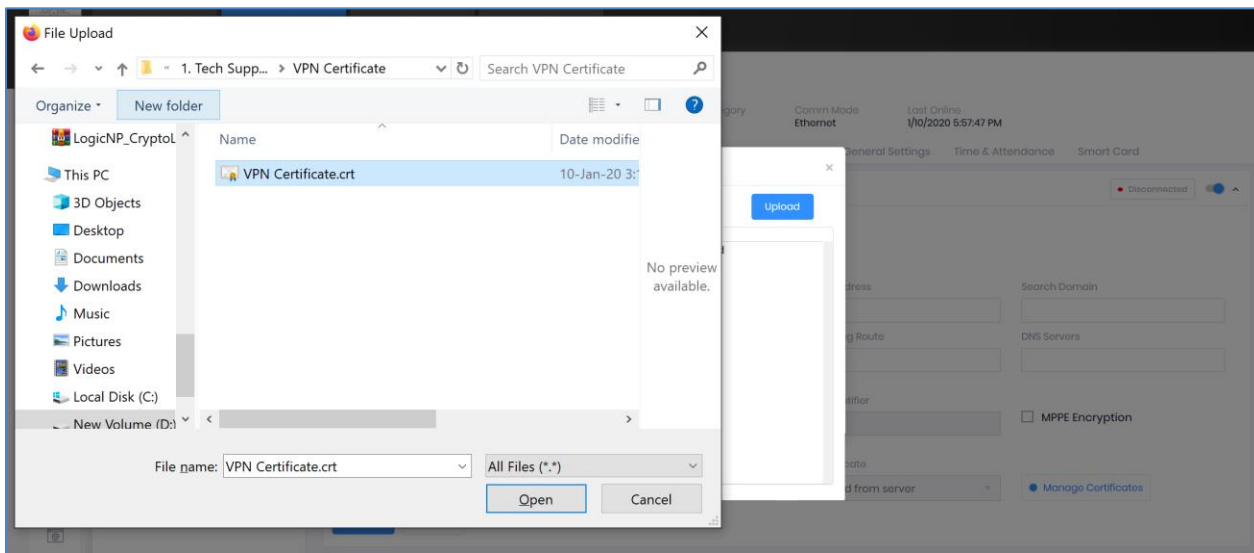
- VPN Status:** Shows 'Disconnected' with a toggle switch.
- PROFILE INFORMATION:** Includes fields for VPN IP Address (0.0.0.0), VPN Type (PPTP), Profile Name, Server Address, Search Domain, User Name, Password, Forwarding Route, and DNS Servers.
- ADDITIONAL INFORMATION:** Includes L2TP Secret, Pre-Shared Key, IPsec Identifier, and an unchecked checkbox for MPPE Encryption.
- CERTIFICATE SETTINGS:** Includes Server Certificate (Do not verify server), Employee Certificate, and CA Certificate (received from server). A red box highlights the 'Manage Certificates' button.

At the bottom of the form, there are 'APPLY' and 'RESET' buttons. The footer of the page shows 'Web Cloud'.

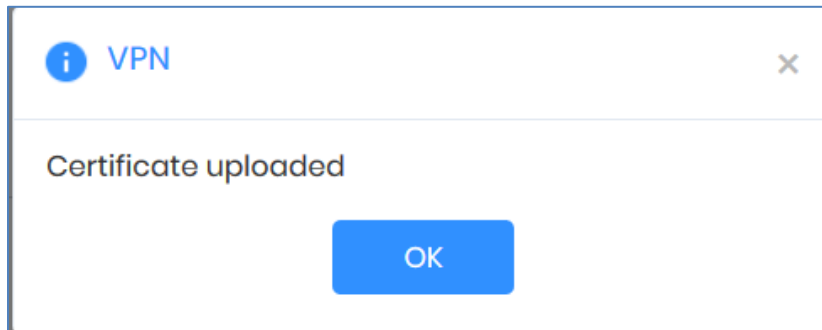
5. Application will redirect to “Certificate Management” window and the below screen will be displayed to user.



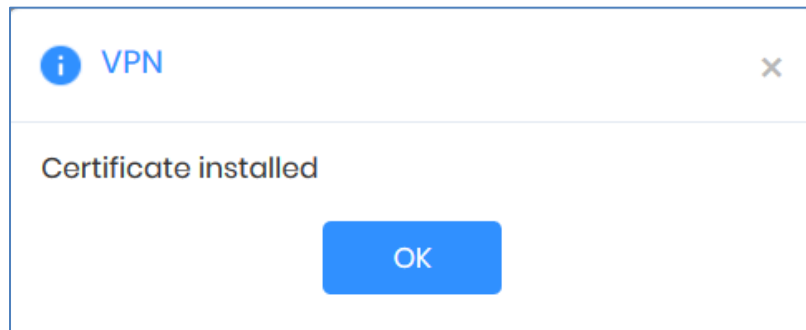
6. Click **Upload** and application will redirect to selected certificate page.



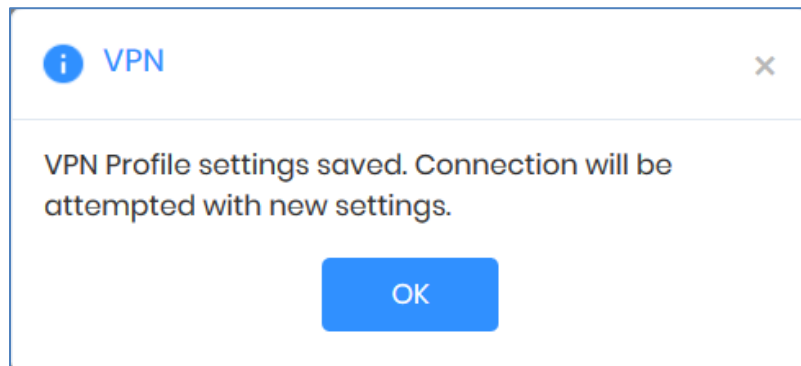
7. Select appropriate certificate and click **Open**. Application will redirect to the process window and upon completion of the process, below confirmation message will be displayed.



8. Click **Install** to install certificate. Once certificate gets installed, the application will show below success message.



9. Click **Apply** to save changes for VPN.





10. Once connected to VPN server, its status will change to “Connected” and a VPN IP will be assigned to the device.

The screenshot shows a VPN configuration window titled "VPN" with a "Connected" status indicator in the top right corner. The interface is divided into three main sections:

- PROFILE INFORMATION:** Includes fields for "VPN IP Address" (0.0.0.0), "VPN Type" (PPTP), "User Name" (admin), "Profile Name" (IXM VPN), "Server Address" (27.54.184.87), "Search Domain", "Password", "Forwarding Route", and "DNS Servers".
- ADDITIONAL INFORMATION:** Includes "L2TP Secret", "Pre-Shared Key", "IPSec Identifier", and an unchecked checkbox for "MPPE Encryption".
- CERTIFICATE SETTINGS:** Includes "Server Certificate" (Do not verify server), "Employee Certificate" (pravinserver), "CA Certificate" (received from server), and a "Manage Certificates" button.

At the bottom left, there are "APPLY" and "RESET" buttons.

FAQ

1. Who can configure VPN settings on the device?

All IXM WEB users who have access to the Devices >> Communication page can configure VPN settings on the device from IXM WEB.

2. Can I create more than one VPN user profiles?

No, user can create only one VPN Profile per IXM device to establish a VPN connection.

3. Can I upload more than one certificate?

Yes, users can upload more than one certificate for VPN.



Support

For more information relating to this Feature Description document, please contact us at support@invixium.com

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