X-SYSTEMS

SECURE XVPN

USER MANUAL

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INTRODUCTION

Secure XVPN is a cross-platform VPN program to easily and securely connect to OpenVPN-NL.

Secure XVPN makes it possible to load the OpenVPN-NL comfortably and encrypted. The user is sent a username and password which must be entered within the program, once entered an OpenVPN-NL certificate is retrieved encrypted and stored encrypted in the encrypted database within the program.

The user can easily load and rename multiple OpenVPN-NL certificates, allowing the user to switch effortlessly between different OpenVPN-NL (Departmental Confidential) networks.

OpenVPN-NL meets all evaluation criteria of the NL-NCSA for the processing of confidential information up to the level of 'Departmental CONFIDENTIAL'. This is comparable to the classification "NATO RESTRICTED". OpenVPN-NL, however, remains simply open-source - as many modifications as possible have been provided by the community.

Secure VPN Connection

With the XVPN, you have full control over the VPN client. End-to-end encrypted communication across the entire communication chain.

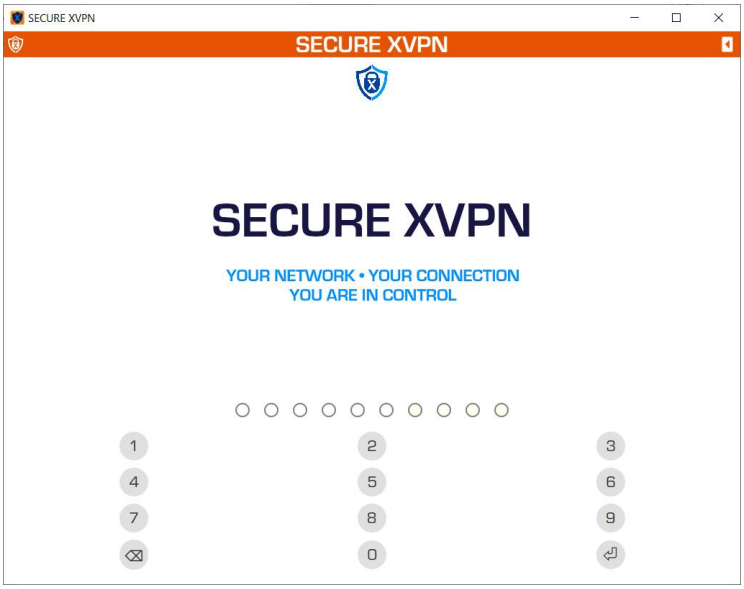
For every (private and professional) device. Now everyone, even with private equipment, can use a secure (Dutch) VPN connection without sensitive, GDPR-sensitive information or contact details being viewed by international data traders.

By connecting to a VPN using Secure XVPN, all data is kept secure and encrypted.

LAUNCH OF THE SECURE XVPN

Once the SECURE XVPN is installed the program can be used instantly.

During regular use and first-time use, the program requires no secure pin code. You can access the program directly.



Pin code security

Do you require additional security of your VPN certificates? You can set a pin code on the program.

Once you have set the pin code. You must input minimum 6 numbers to access the program.

Pin code notification

Important!
Once you have set the pin code you cannot remove the pin code function.

You can change the pin code as many times as you like. However, you remove the pin code function once this is set.

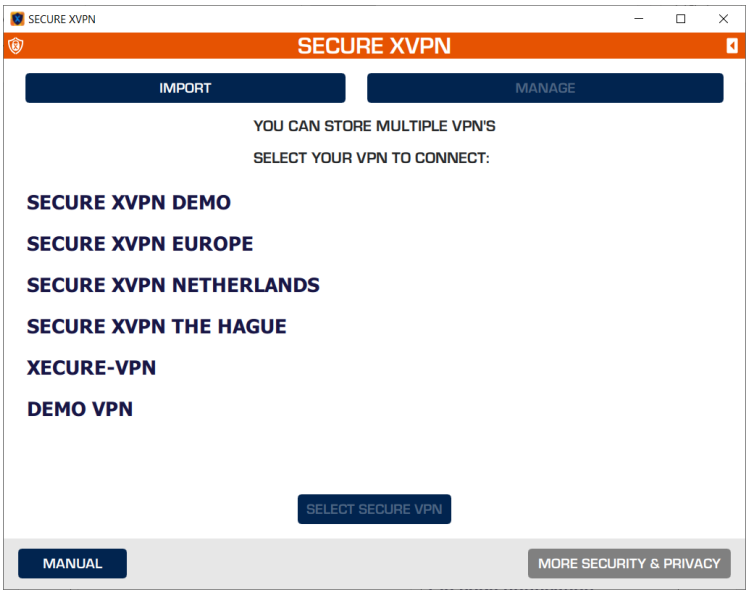
Remember the pin code

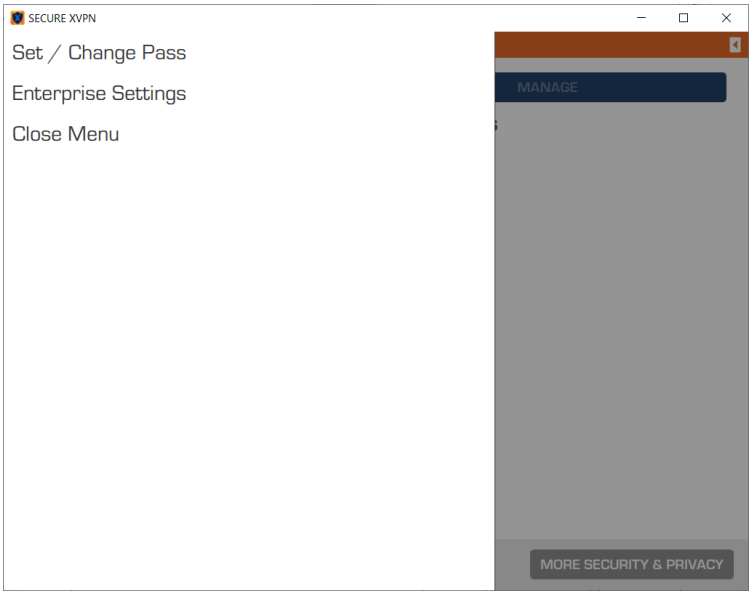
Important!
Remember the pin code, once this is set and you have forgotten the pin code the program will be blocked for security purposes.

HEADER OF THE SECURE XVPN

The program has an orange bar, this bar is the menu bar.
With this bar you can always go back to the home screen.

(X) SECURE XVPN [<]





Orange header

By using the orange header, the user can always go back to the main screen or go to the program settings.

Return / back button

The button with the arrow on the right side of the orange bar **[<]** is the return / back button.

With this button, you always go back to the main screen of the program.

SECURE XVPN shield

The button with the SECURE XVPN SHIELD on the left side of the orange bar **(X)** opens the program settings.

Program settings

- Set / Change Pass
  You can set and manage here the security pin code of the program.
- Enterprise Settings
  You can import here multiple VPN certificates from an FTP server.
- Close Menu
  You can close the settings menu by clicking this button.

ACCESS SECURE XVPN

Once logged in with the secure pin code or accessing regularly, you will enter the screen where all your VPN certificates are listed.

The program SECURE XVPN allows you to import as many VPN certificates as you like.

VPN CERTIFICATES

Is your organization using various secure networks that requires for each network a different VPN certificate? With SECURE XVPN you can add as many VPN certificates as required.

IMPORT

This button allows you to import VPN certificates.

MANAGE

This button allows you to manage the VPN certificates inside the program.

SELECT SECURE VPN

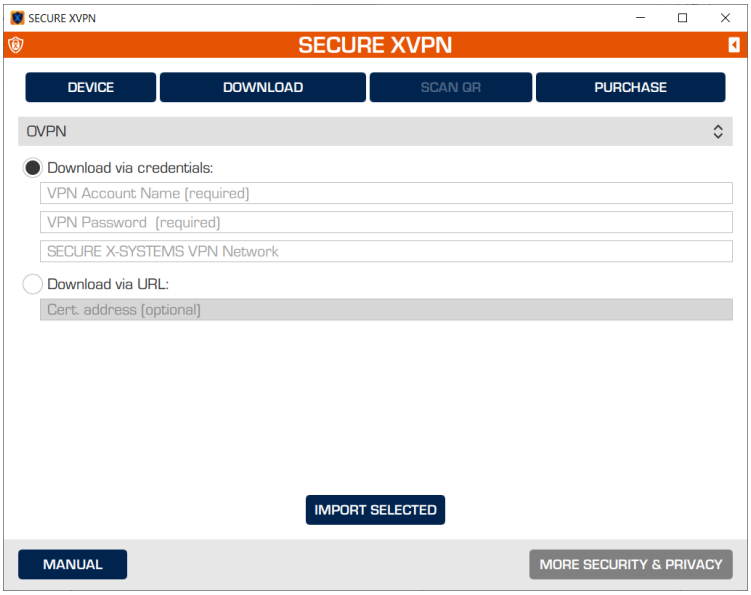
This button allows you to select the chosen VPN certificate. Once selected, you can connect securely to the VPN infrastructure.

MANUAL

This button opens the manual of this program.

IMPORT VPN CERTIFICATES

There are four ways of importing VPN certificates. Each has its own advantage.
Note that the imported VPN certificates are stored encrypted inside the SECURE XVPN program and are not able to retrieve from the program for security purposes.



IMPORT OPTIONS

The program uses quantum proof cryptography to secure its imported VPN certificates directly after choosing one of the import options.

Once selected a VPN certificate, press on the button [IMPORT SELECTED] to import the VPN certificate.

DEVICE

Are you using a secure element, crypto key, or have a VPN certificate stored on your PC? Use this button to import the VPN certificate from your device.

DOWNLOAD

Have you received credentials from your provider (Account Name + Password)? Use these credentials to download the VPN certificate securely and encrypted into the program.

Have you received an URL that links to a VPN certificate? Select the option Download via URL and input the URL.

SCAN QR

For mobile devices that make use of a camera you can scan a QR code. Downloading the VPN certificates securely and encrypted into the program.

PURCHASE

Have you downloaded the program SECURE XVPN but you don't have a VPN certificate to connect with? You can purchase here your VPN certificates.

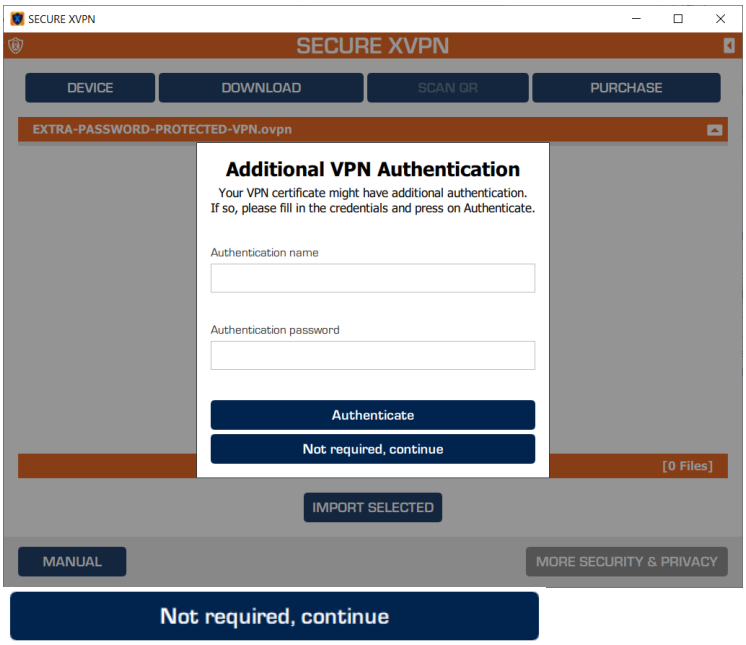
IMPORT SELECTED

Once selected and imported a VPN certificate, press on the button **[IMPORT SELECTED]** to import the VPN certificate securely into the encrypted program.

VPN AUTHENTICATION

Once the VPN is imported you receive an additional VPN authentication popup.

For security purposes, a VPN certificate might require an additional authentication.

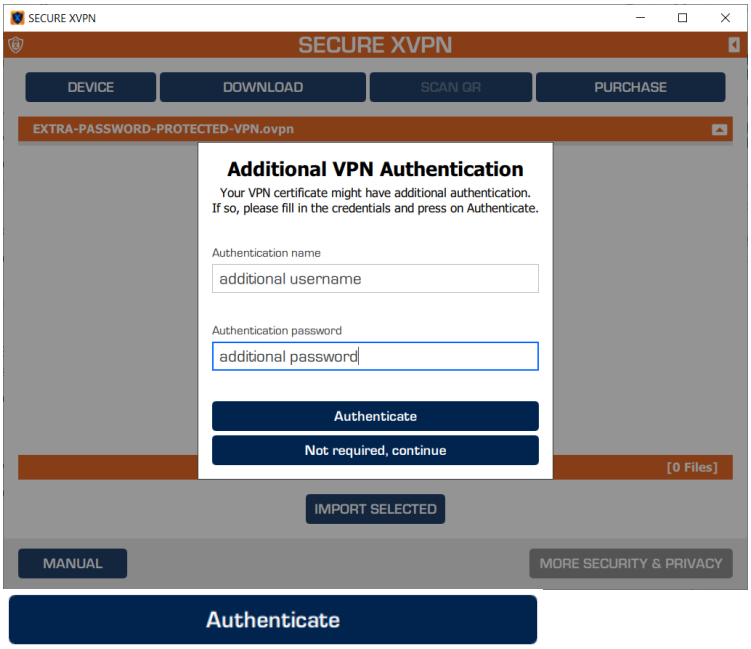


NO ADDITIONAL AUTHENTICATION

You did not receive additional authentication credentials for your VPN certificate?

When your VPN certificate does not require an additional authentication. Press on the button [Not required, continue].

By pressing [Not required, continue] the VPN certificate is imported without the additional authentication.



ADDITIONAL AUTHENTICATION

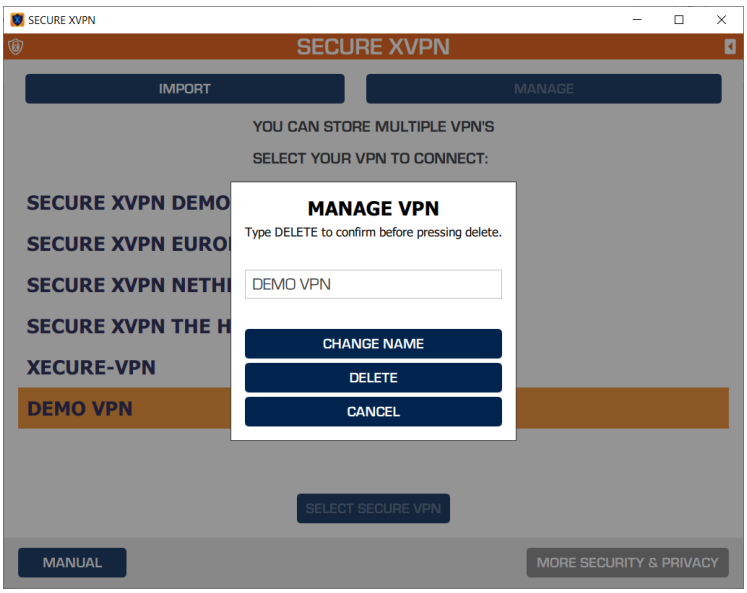
Did you receive additional authentication credentials for your VPN certificate?

Input the authentication name and authentication password in the two input fields.

Press on [Authenticate] to import the VPN certificate with the additional authentication credentials.

MANAGE VPN CERTIFICATES

By using the button “MANAGE” it is possible to manage all the VPN certificates separately. Once you open the screen none of the VPN’s are selected. The moment you select a VPN certificate, the button “MANAGE” is highlighted and can be used.



MANAGE OPTIONS

Select the VPN certificate.

When the VPN certificate is selected press on the MANAGE button. A small popup appears with the option to rename or delete the VPN certificate.

CHANGE NAME

You can type in another name in the input field and press on the button CHANGE NAME.

The VPN certificate will be renamed.

DELETE

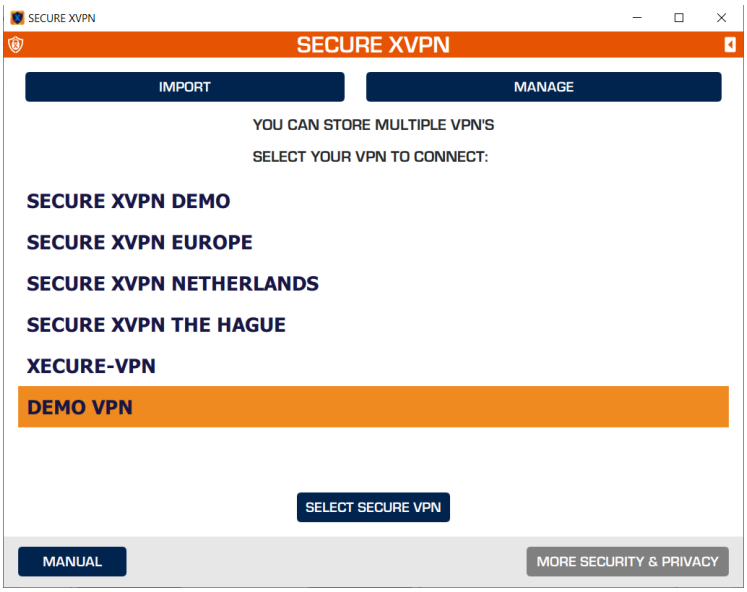
To remove the VPN certificate an additional action must be taken. Type in the word DELETE to confirm the removal.

This to avoid accidental removals.

Type in the word DELETE and press on the button DELETE to remove the VPN certificate.

SELECT THE VPN CONNECTION

Select the VPN certificate you would like to connect with. Press on the button: [SELECT SECURE VPN]. You will enter the VPN connection screen.



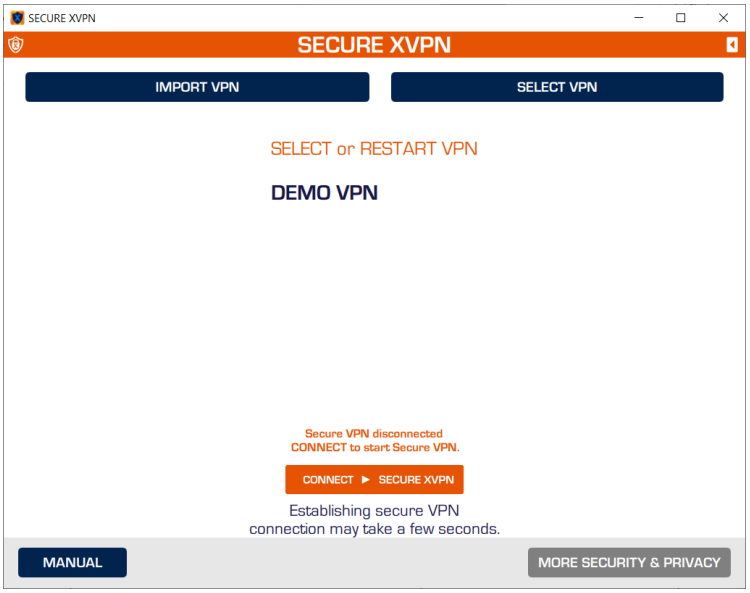
SELECT SECURE VPN

Select the VPN certificate and the button [SELECT SECURE VPN] will be highlighted.

Press on the button [SELECT SECURE VPN] to enter the secure VPN connection screen.

START THE VPN CONNECTION

Press on the button [CONNECT > SECURE XVPN] to start the secure VPN connection.

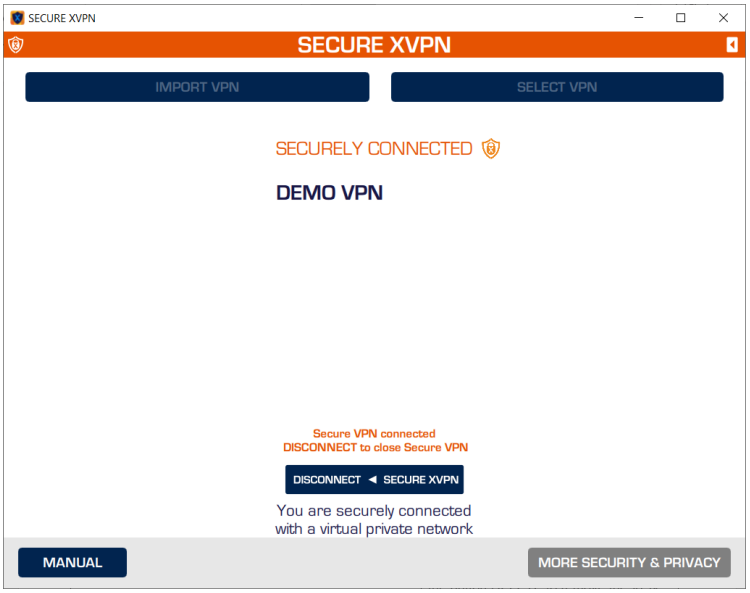


VPN CONNECTION

The VPN certificate establishes the VPN connection immediately.

ESTABLISH CONNECTION

It might take a few seconds to establish the connection. You will see a loading bar.



SECURELY CONNECTED

Once you see the text “SECURELY CONNECTED” and the XVPN shield you know you are securely connected with the encrypted VPN connection.

Once you are connected with the VPN you are protected against Man-In-The-Middle attacks, eavesdropping and tampering of data by cyber criminals.

DISCONNECT VPN

Would you like to switch between other VPN connections or browse the internet unencrypted, press on the button: [DISCONNECT < SECURE XVPN]

Once you are disconnected you are not protected anymore against eavesdropping or tampering of data.