

Secure Private Network Installation Guide for Windows
ClearPath Networks

Published date	02-Aug-2012
Version	V1.0
Author	Terence Davis

Table of Contents

1. Introduction 3

2. System Requirements 3

 2.1. Prerequisites..... 3

 2.2. Hard Disk..... 3

 2.3. RAM..... 3

3. Installation Steps 4

 3.1. Download Secure Private Network..... 4

 3.2. Install Secure Private Network - Client 6

 3.3. Install Secure Private Network - Server..... 13

 3.4. Use your Secure Private Network 16

 3.5. Sharing Resources with Windows 27

 3.6. Secure Private Network Status Icons 31

1. Introduction

You can install the Secure Private Network on your system through Microsoft Windows Installer (MSI). Applications use installation wizards to walk you through the installation.

2. System Requirements

2.1. Prerequisites

Verify that your computer meets the following requirements:

- A single Pentium®-class processor
- MS .Net Framework 3.5 & above
- Web Browser – IE 6+, Chrome, Firefox 3+, Safari 5 +
- One of the following operating systems:
 - Windows Vista/Windows 7 (32- and 64-bit)
 - Windows XP/Windows 2000 (32-bit)
 - Windows 2000/Windows XP Server (32-bit)
 - Windows Vista/Windows 7 Server (32- and 64-bit)
 - Windows Server 2008
 - Languages supported – English (US), Deutsch (DE)
 - The installation language is based on language selected in the portal

2.2. Hard Disk

- 10 MB hard disk space

2.3. RAM

- 128 MB for Windows XP (256 MB recommended)
- 512 MB for Windows 7 (1 GB Recommended)

3. Installation Steps


3.1. Download Secure Private Network

1. Once authenticated to the Telekom portal, navigate to the Secure Private Network product.
2. From the Secure Private Network select Windows as the operating system and then select the appropriate version.

Life is for sharing.

Business Marketplace Deutsch English

Welcome to the customer lounge of ClearPath Networks on the Business Marketplace. Click the "download" button now to download and install the VPN client. After the download is successfully completed, just click "connect". It's that easy to access the cloud securely...

**Secure Private Network**
by ClearPath Networks Manage

Select Operating System ▾

Select Version ▾

Download Windows (select version!)

Connect to Secure Private Network

XP/Vista/7 Deutsch

XP/Vista/7 English

XP/Vista/7 x64 Deutsch

XP/Vista/7 x64 English

98/2000 - English

Useful Information

- [System Requirements](#)
- [Installation Guide](#)
- [FAQs](#)

Copyright © 2012 ClearPath Networks, Inc. All rights reserved

U.S. Patent No. 7,783,800 and 8,078,777 | People's Republic of China Patent Number ZL 200580019475.4


tomcat.dev.intercloud.net/?openid.ns=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0&openid.op_endpoint=https%3A%2F%2Fwww.appdirect.com%2Fopenid%2Fop&openid.claimed_id=https%3A%2F%2Fwww.appdirect.com...

3. Click the “Download Windows” button.

Life is for sharing.

Business Marketplace Deutsch English

Welcome to the customer lounge of ClearPath Networks on the Business Marketplace. Click the “download” button now to download and install the VPN client. After the download is successfully completed, just click “connect”. It’s that easy to access the cloud securely...



Secure Private Network
by ClearPath Networks

Select Operating System ▼ Select Version ▼ **Download Windows (XP/Vista/7 English)**

Connect to Secure Private Network

Manage ▼

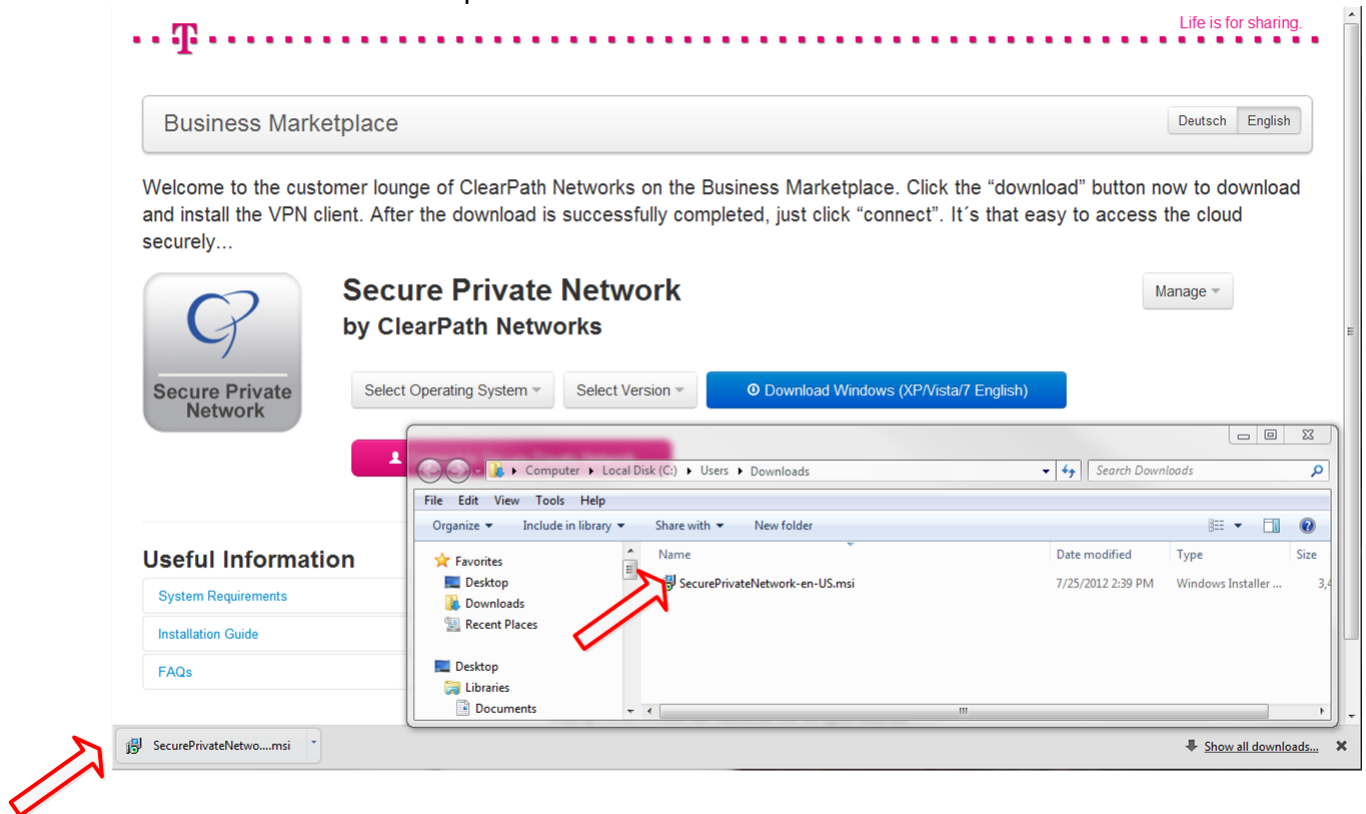
Useful Information

- [System Requirements](#)
- [Installation Guide](#)
- [FAQs](#)

Copyright © 2012 ClearPath Networks, Inc. All rights reserved
U.S. Patent No. 7,783,800 and 8,078,777 | People's Republic of China Patent Number ZL 200580019475.4

3.2. Install Secure Private Network - Client

Once downloaded, open the location where the file is saved and double-click on the installation file or directly open the downloaded executable from the browser. The specific steps will vary depending on the browser used to access Marketplace.



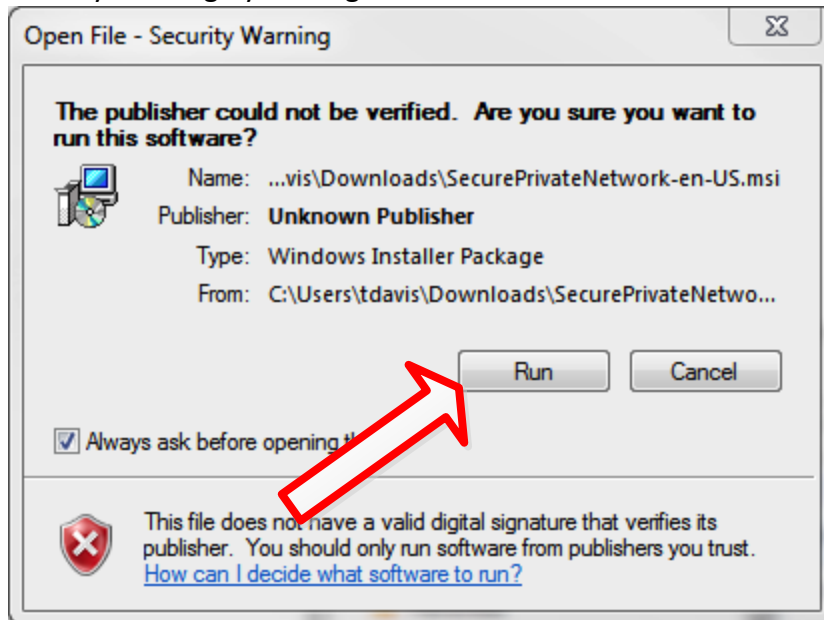
The file name structure is: SecurePrivateNetwork-<language><-arch>.msi. For example:

- SecurePrivateNetwork-en-US.msi
- SecurePrivateNetwork-de-DE-64bit.msi

Accept the defaults unless you have been instructed otherwise by the system administrator.

Once started, the installation process follows the steps below.

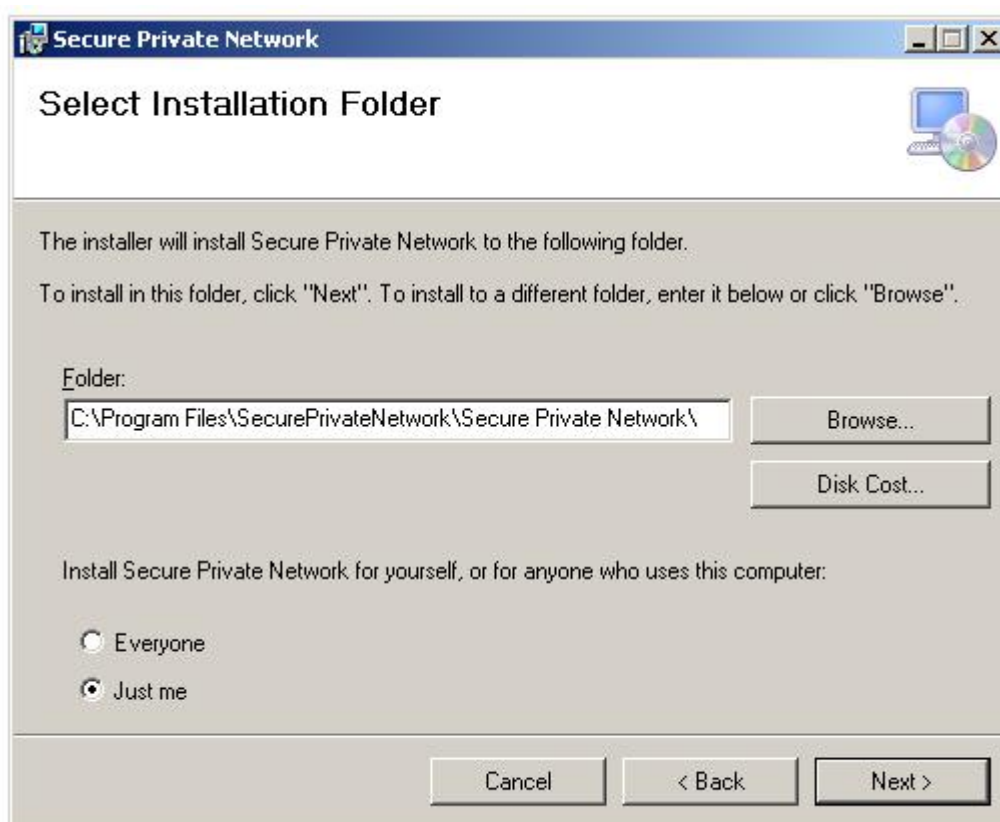
1. Dismiss the security warning by clicking “Run”



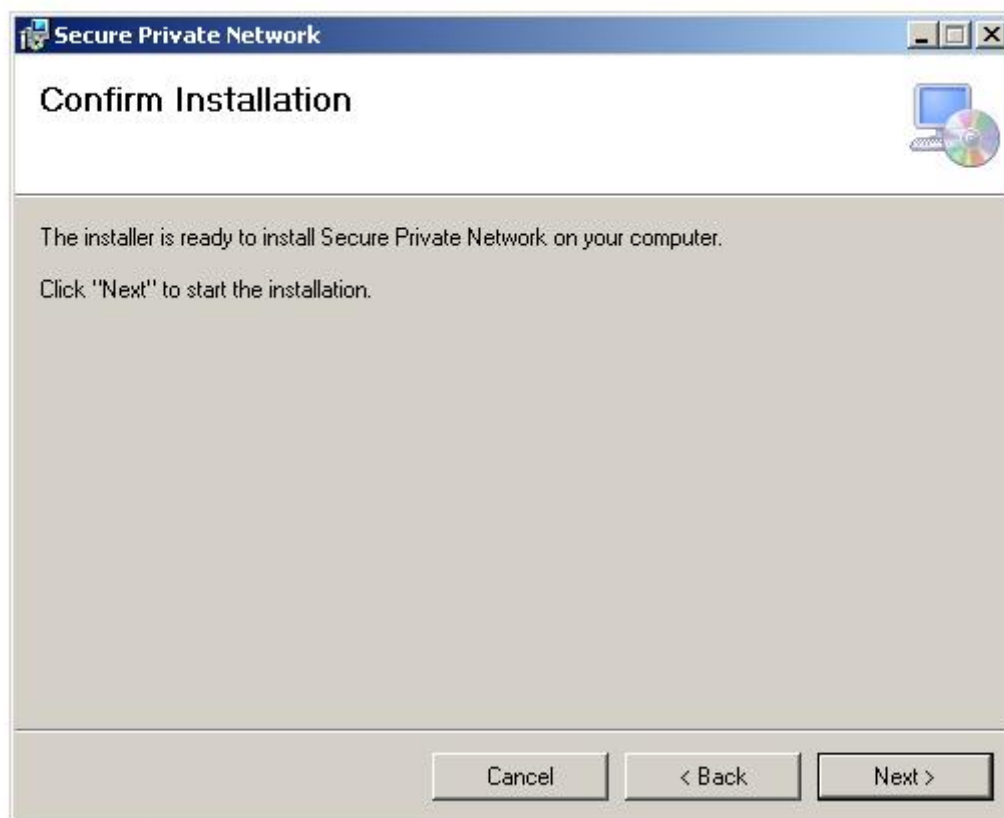
2. Click the “Next” button on the *Welcome* screen



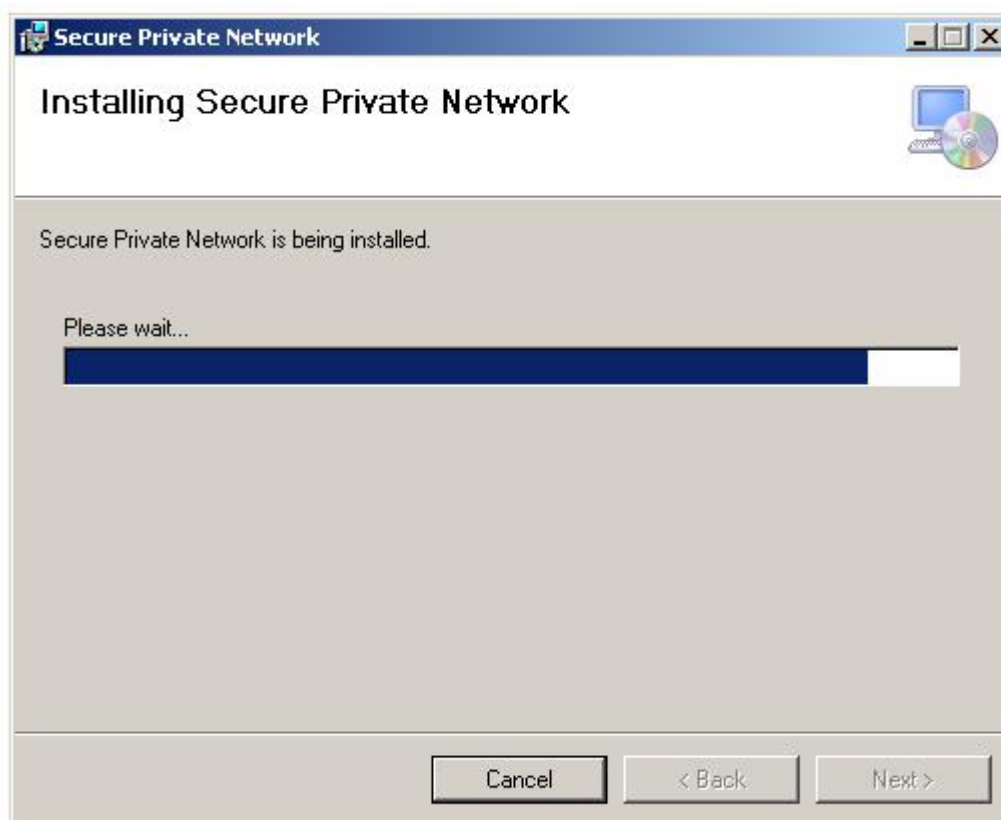
3. The *Select Installation Folder* screen appears; click the “Next” button.

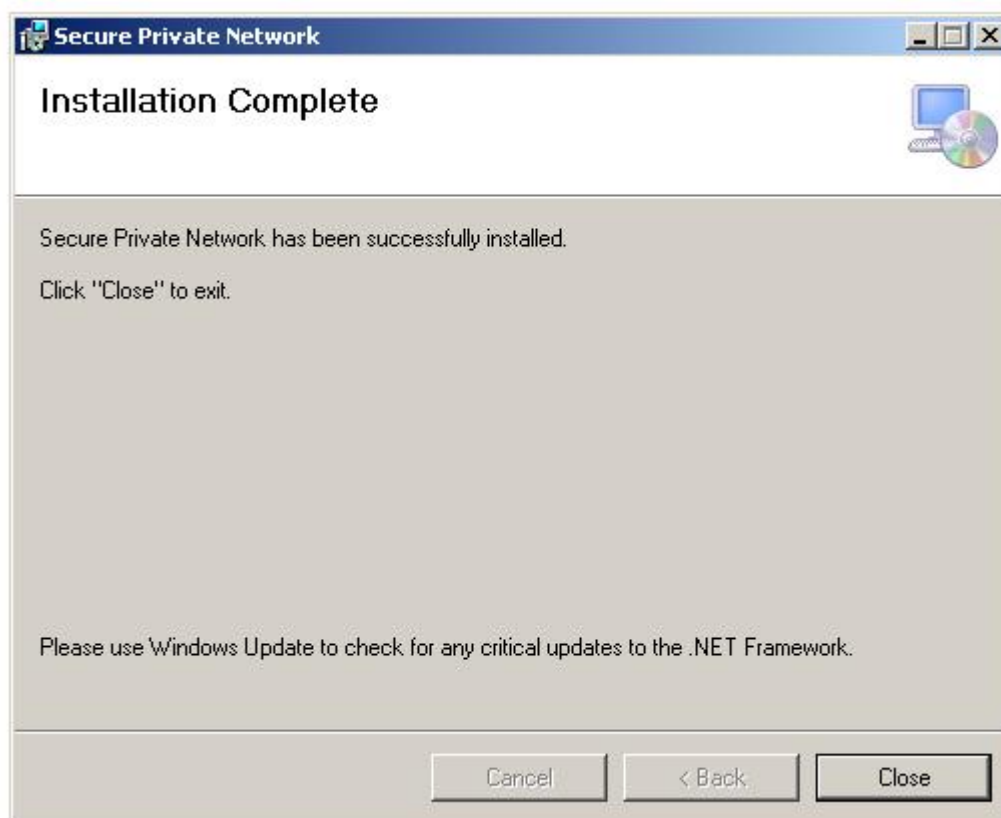


4. The *Confirmation Installation* screen appears; click “Next” to begin the actual installation.



5. The installation progress screen appears. Wait for it to complete and select the “Close” button. The dialog will disappear.





6. At this point the Secure Private Network software is installed and ready for use.

3.3. Install Secure Private Network - Server

To install the server edition of Secure Private Network, please follow the client installation procedure however after step 1 of the client install process you must provide the server key. The server key is obtained using the below steps.

Note that the server version of Secure Private Network cannot connect to shared resources – it can only share them.

Note in order to operate properly the Secure Private Network software must be installed and executed as an administrator.

1. Select “Manage” and “Server Keys” from the main Secure Private Network page.

Life is for sharing.

Business Marketplace Deutsch English

Welcome to the customer lounge of ClearPath Networks on the Business Marketplace. Click the “download” button now to download and install the VPN client. After the download is successfully completed, just click “connect”. It’s that easy to access the cloud securely...

Secure Private Network
by ClearPath Networks

Select Operating System Select Version Download Windows (select version!)

Connect to Secure Private Network

Manage Server Keys View Connections

Useful Information

- System Requirements
- Installation Guide
- FAQs

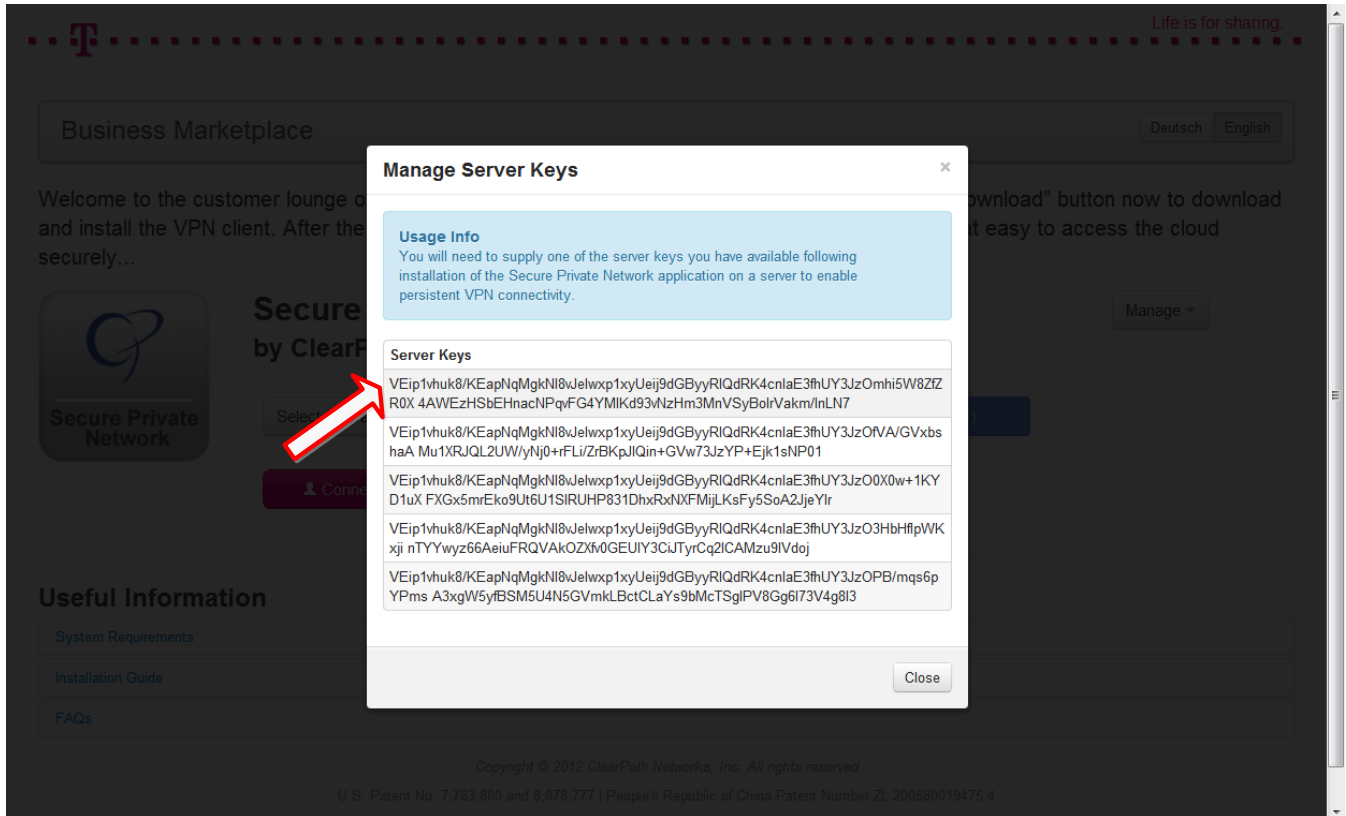
Copyright © 2012 ClearPath Networks, Inc. All rights reserved

U.S. Patent No. 7,783,800 and 8,078,777 | People's Republic of China Patent Number ZL 200580019475.4

https://spn.telekom.intercloud.net/?openid.ns=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0&openid.op_endpoint=https%3A%2F%2Ftestcloud.sda.t-online.de%2Fopenid%2Fop&openid.claimed_id=https%3A%2F%2Ftestclo...

Secure Private Network Installation Guide

2. From the resulting pop-up, manually highlight the key that you wish to use and copy to the clipboard.



3. Once obtained, the server key should be pasted into the installation process dialog directly after step two (2) from the client install. Paste the key and click "Next."

Installing Secure Private Network



Please Enter SPNKey

SPNKey

VEip1vhuk8/KEapNqMgkNI8wJelwxp1xyUeij9dGByyRIQdRK4cnlaE3fhUY3JzOmhi5w/8ZfZR0X

Cancel < Back Next >

From here the installation procedure is the same as for the client software.

3.4. Use your Secure Private Network

1. Login to the Business Marketplace and navigate to the Secure Private Network

The screenshot shows the 'Business Marketplace' header with a 'Deutsch English' language selector. Below the header, a welcome message states: 'Welcome to the customer lounge of ClearPath Networks on the Business Marketplace. Click the "download" button now to download and install the VPN client. After the download is successfully completed, just click "connect". It's that easy to access the cloud securely...'. The main content area features the 'Secure Private Network by ClearPath Networks' logo and title. To the right of the title is a 'Manage' button. Below the title are three buttons: 'Select Operating System', 'Select Version', and 'Download Windows (select version!)'. A red arrow points to a pink button labeled 'Connect to Secure Private Network' located below the other buttons. Below this section is a 'Useful Information' section with links for 'System Requirements', 'Installation Guide', and 'FAQs'. At the bottom, there is a copyright notice: 'Copyright © 2012 ClearPath Networks, Inc. All rights reserved' and 'U.S. Patent No. 7,783,800 and 8,078,777 | People's Republic of China Patent Number ZL 200580019475.4'.

Life is for sharing.

Business Marketplace Deutsch English

Welcome to the customer lounge of ClearPath Networks on the Business Marketplace. Click the "download" button now to download and install the VPN client. After the download is successfully completed, just click "connect". It's that easy to access the cloud securely...

Secure Private Network
by ClearPath Networks

Manage

Select Operating System Select Version Download Windows (select version!)

Connect to Secure Private Network

Useful Information

[System Requirements](#)

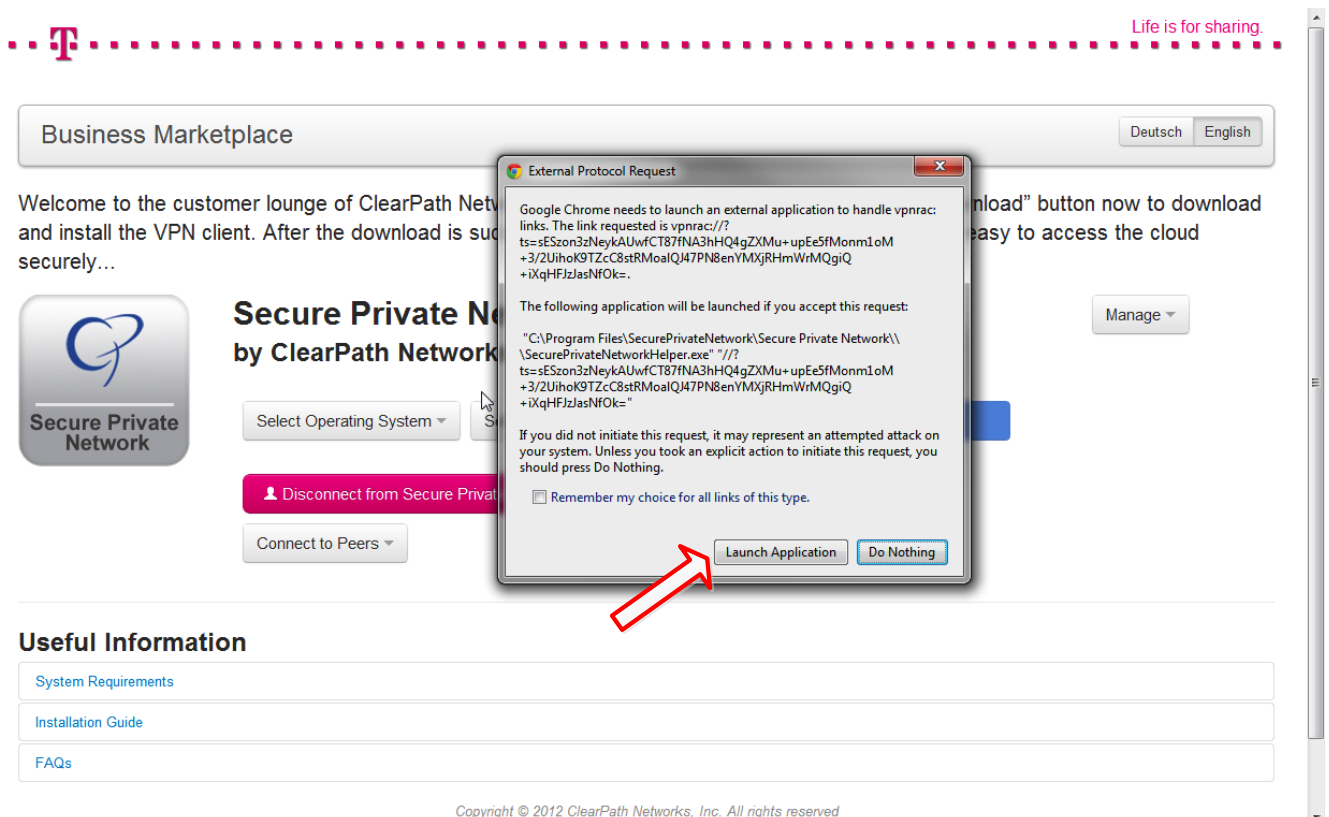
[Installation Guide](#)

[FAQs](#)

Copyright © 2012 ClearPath Networks, Inc. All rights reserved
U.S. Patent No. 7,783,800 and 8,078,777 | People's Republic of China Patent Number ZL 200580019475.4

2. Accept the warning regarding the redirect. This dialog will appear differently depending on the browser being used. Examples for Chrome and Internet Explorer are below.

Browsers typically allow the user to avoid this dialog however the mechanism differs by browser. For Chrome the user can **check** the “Remember my choice for all links of this type” box and select “Launch Application”; on IE the sense is reversed and the user must **uncheck** the “Always ask before opening this type of address” box. Other browsers may operate differently.



Chrome


Secure Private Network Installation Guide

File Edit View Favorites Tools Help

Life is for sharing.

Business Marketplace Deutsch English

Welcome to the customer lounge of ClearPath Networks on the Business Marketplace. Click the "download" button now to download and install the VPN client. After the download is successfully completed, just click "connect". It's that easy to access the cloud securely...

 **Secure Private Network** by ClearPath Networks

Select Operating System

Disconnect from Secure Private Network

Manage

version 1.0

Internet Explorer

Do you want to allow this website to open a program on your computer?

From: tomcat.dev.intercloud.net
Program: SecurePrivateNetworkHelper
Address: vpnrac://?
ts=sESon3ztNeykAUwftCT87fNA3hHQ4gZXMu

☒ Always ask before opening this type of address

Allow Cancel

Allowing web pages to open a program can be useful, but it can potentially harm your computer. Do not allow it unless you trust the source of the content. [What's the risk?](#)

Useful Information

System Requirements

Installation Guide

FAQs

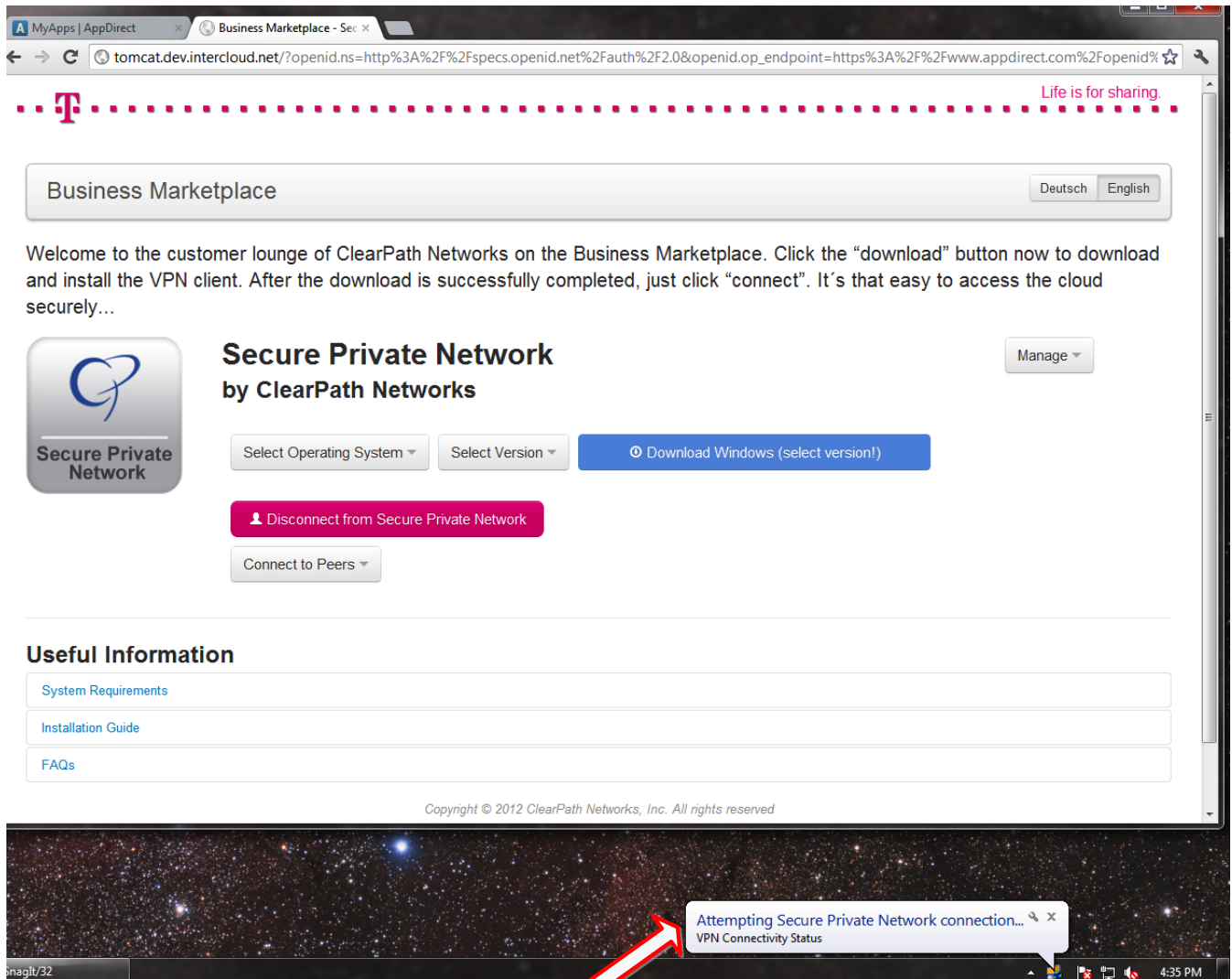
Copyright © 2012 ClearPath Networks, Inc. All rights reserved

U.S. Patent No. 7,783,800 and 8,078,777 | People's Republic of China Patent Number ZL 200580019475.4

Internet Explorer

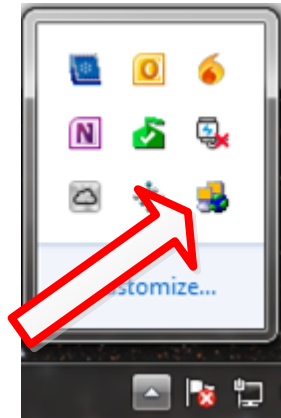
Secure Private Network Installation Guide

- The connection process first displays an in-progress message toward the bottom of the screen followed by a success message once the connection has been established. The Windows System Tray will show a yellow icon to indicate the in-progress connection.



In-progress status message

Secure Private Network Installation Guide



System Tray icon

MyApps | AppDirect Business Marketplace - Sec X

tomcat.dev.intercloud.net/?openid.ns=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0&openid.op_endpoint=https%3A%2F%2Fwww.appdirect.com%2Fopenid%2F

Life is for sharing.

Business Marketplace Deutsch English

Welcome to the customer lounge of ClearPath Networks on the Business Marketplace. Click the "download" button now to download and install the VPN client. After the download is successfully completed, just click "connect". It's that easy to access the cloud securely...

Secure Private Network by ClearPath Networks Manage

Select Operating System Select Version Download Windows (select version!)

Disconnect from Secure Private Network

Connect to Peers

Useful Information

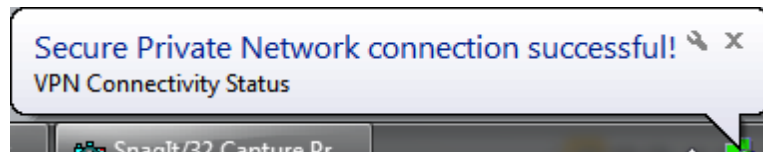
System Requirements

Prerequisites

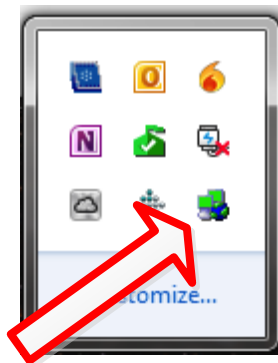
- A single, Pentium®-class processor or better.
- Web Browser – IE 6+, Chrome, Firefox 3+, Safari 5 +
- One of the following operating systems:
 - Windows 98/2000
 - Windows Vista/7 (Not Framework 2.5+)

Connecting to Secure Private Network VPN Connectivity Status

Connecting message



Connected message



Connected in System Tray

Note that the message location and behavior will differ on different versions of Windows. Windows 7 is shown above.

4. Once connected to the Secure Private Network you can access the shared resources by viewing the Business Marketplace and selecting the desired collaborator. The list of shared resources is accessed from the "Connect to Peers" drop-down.

Secure Private Network Installation Guide

Life is for sharing.

Business Marketplace

Deutsch English

Welcome to the customer lounge of ClearPath Networks on the Business Marketplace. Click the "download" button now to download and install the VPN client. After the download is successfully completed, just click "connect". It's that easy to access the cloud securely...



Secure Private Network by ClearPath Networks

Manage ▾

Select Operating System ▾

Select Version ▾

Download Windows (select version!)

Disconnect from Secure Private Network

Connect to Peers ▾

Sudhir Kopparti

Server: 93d27f18-d392-444f-befc-e2f1bb8c2e79

Ravi Chunduru

Terence Davis

Useful Information

System Requirements

Prerequisites

- A single, Pentium®-class processor or better.
- Web Browser – IE 6+, Chrome, Firefox 3+, Safari 5 +
- One of the following operating systems:

vpnrac://?cn=ui7mAdxPh1r342xZfKSAIruqsMSL0ttS6mu12eogxE=

Secure Private Network Installation Guide

5. The warning dialog will appear again. Chrome dialog is shown below; other browsers will look different. Click “Launch Application” to continue.

Life is for sharing.

Business Marketplace

Deutsch English

Welcome to the customer lounge of ClearPath Networks on the Business Marketplace. Click the “download” button now to download and install the VPN client securely... It click “connect”. It’s that easy to access the cloud

Secure Private Network

External Protocol Request

Google Chrome needs to launch an external application to handle vpnrac: links. The link requested is vpnrac:///cn=VyeAyIfrEF00IX7kontFRaSeVAQEYpZ3OaNFF3a4Qjl=.

The following application will be launched if you accept this request:

"C:\Program Files\SecurePrivateNetwork\Secure Private Network\SecurePrivateNetworkHelper.exe" "/?cn=VyeAyIfrEF00IX7kontFRaSeVAQEYpZ3OaNFF3a4Qjl="

If you did not initiate this request, it may represent an attempted attack on your system. Unless you took an explicit action to initiate this request, you should press Do Nothing.

☐ Remember my choice for all links of this type.

Launch Application Do Nothing

Download Windows (select version!)

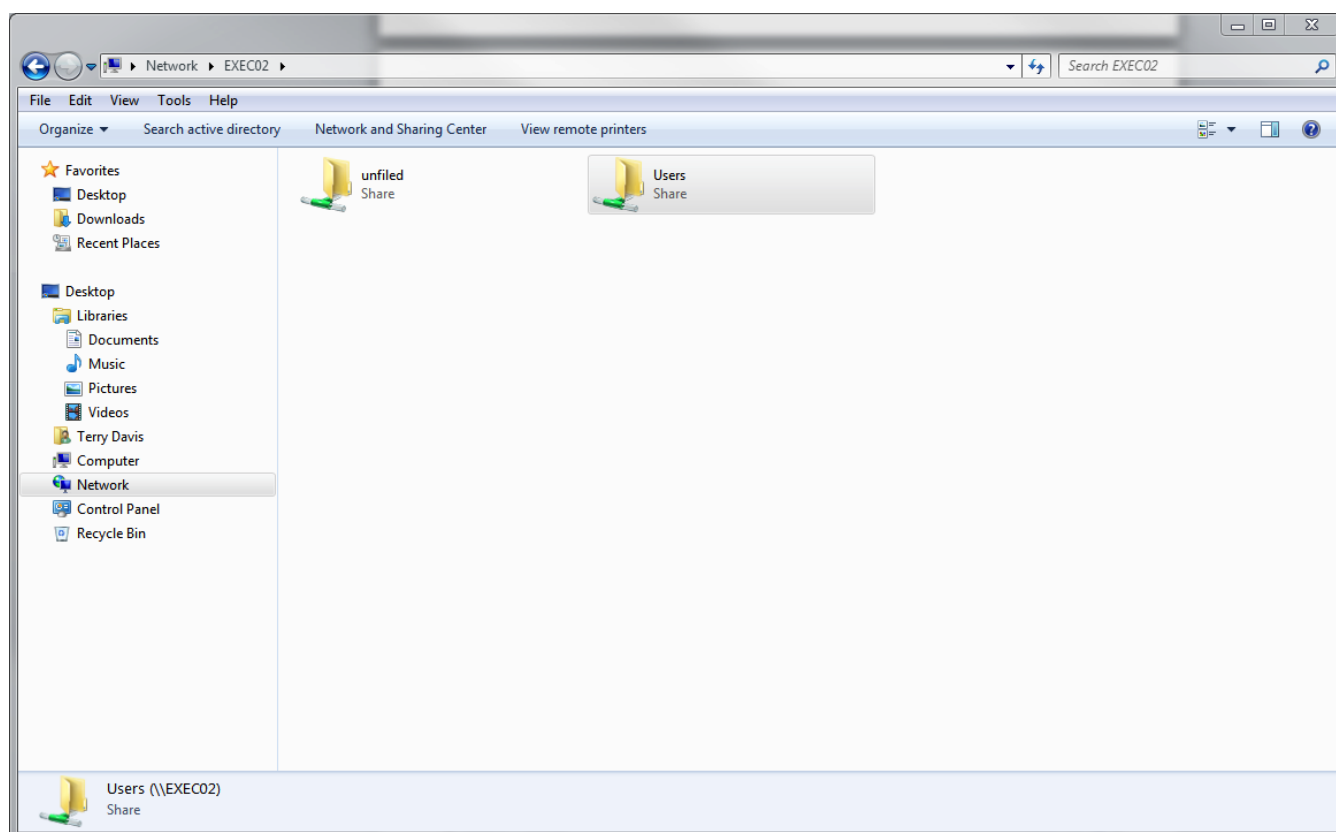
Useful Information

System Requirements

Prerequisites


- A single, Pentium®-class processor or better.
- Web Browser – IE 6+, Chrome, Firefox 3+, Safari 5 +
- One of the following operating systems:
 - Windows 98/2000
 - Windows Vista/7 / Net Framework 3.5+

6. Upon dismissal of the warning dialog, a new Explorer window will open with the contents of the connected share. You can access the files based on the permission granted by the owner.



Secure Private Network Installation Guide


7. You can disconnect from all shared resources from the Business Marketplace by selecting “Disconnect from Secure Private Network” or from the System Tray by doing a right-click on the Secure Private Network icon and select “Disconnect.” This action will close all active shares. Performing a disconnect from the Business Marketplace will cause the warning dialog to appear – dismiss it with the “Launch Application” option. Note that if there are open files the disconnection may fail and/or data may be lost.

 Life is for sharing.

Business Marketplace

DeutschEnglish

Welcome to the customer lounge of ClearPath Networks on the Business Marketplace. Click the “download” button now to download and install the VPN client. After the download is successfully completed, just click “connect”. It’s that easy to access the cloud securely...


Secure Private Network

Secure Private Network
by ClearPath Networks

Manage

Select Operating System

Select Version

Download Windows (select version!)

Disconnect from Secure Private Network

Connect to Peers

Useful Information

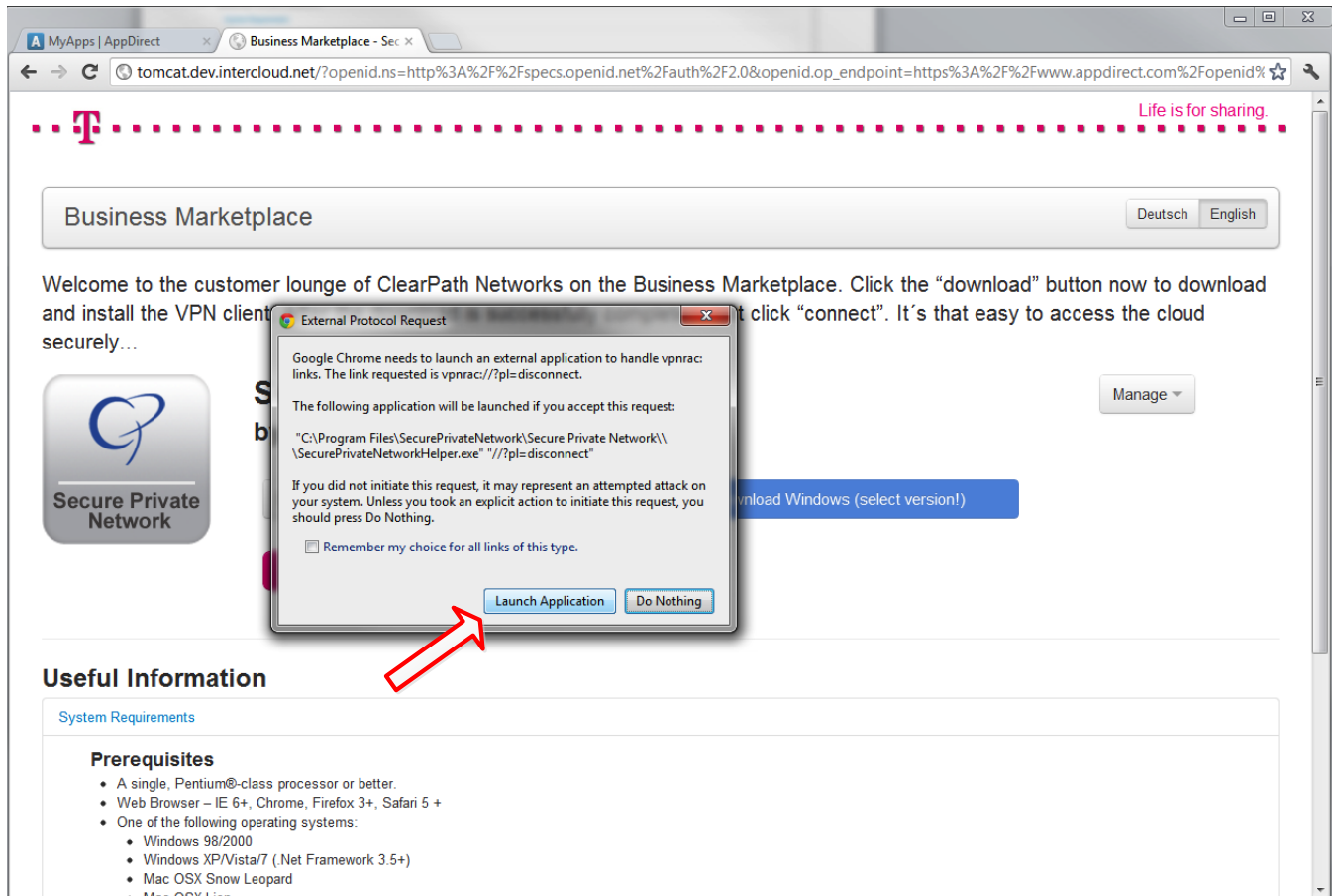
System Requirements

Prerequisites

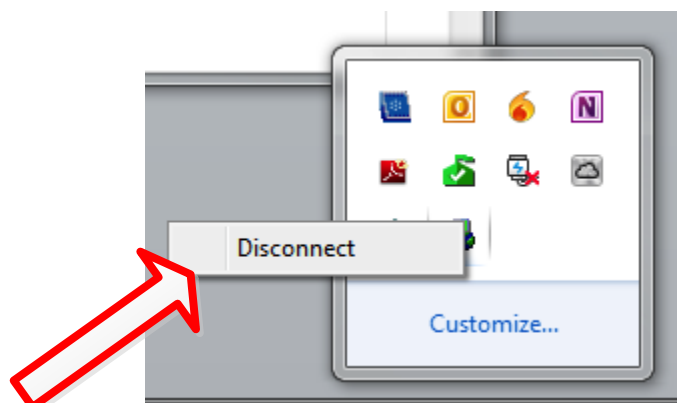
- A single, Pentium®-class processor or better.
- Web Browser – IE 6+, Chrome, Firefox 3+, Safari 5 +
- One of the following operating systems:
 - Windows 98/2000
 - Windows VISTA/7 (.Net Framework 2.0+)

Disconnect via Business Marketplace

Secure Private Network Installation Guide



Warning

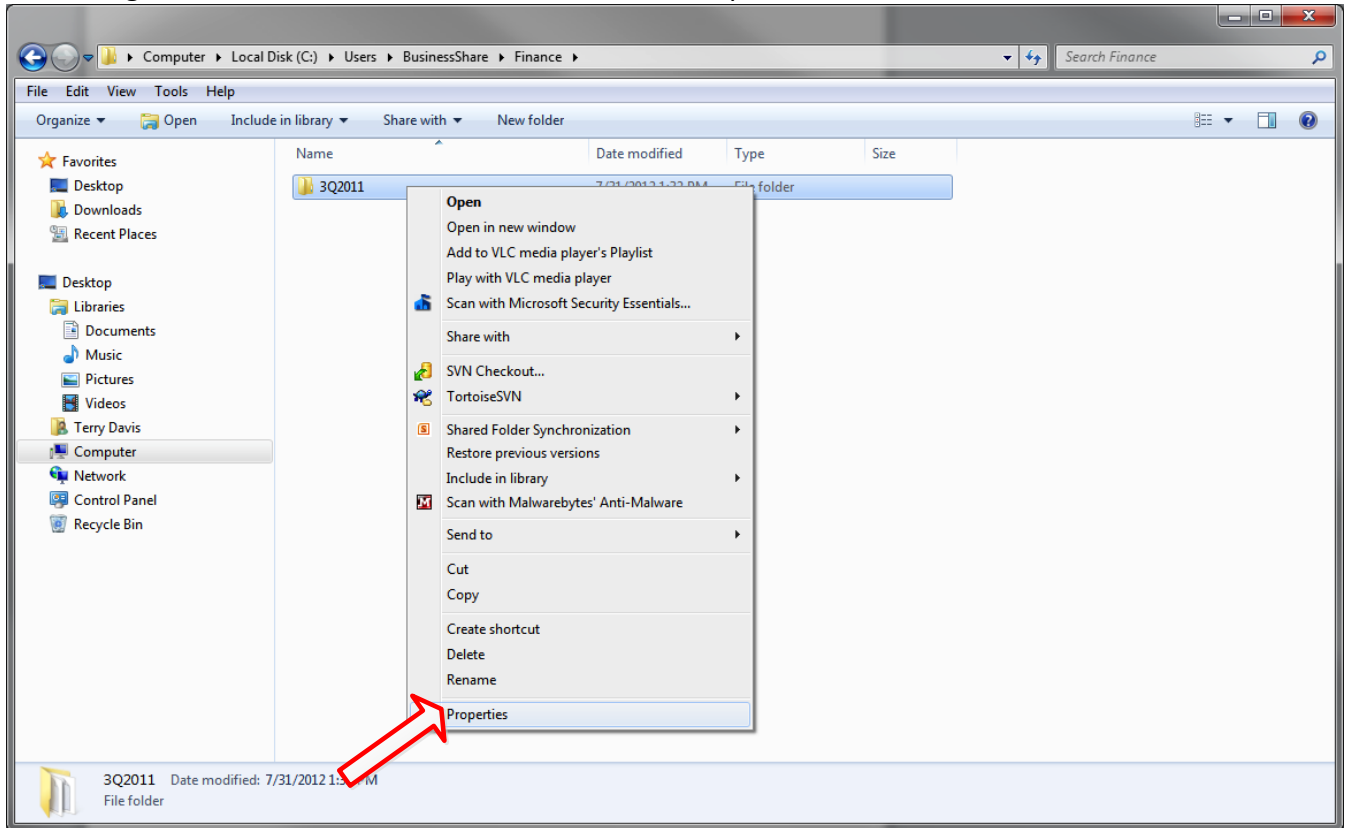


Disconnect via Windows System Tray

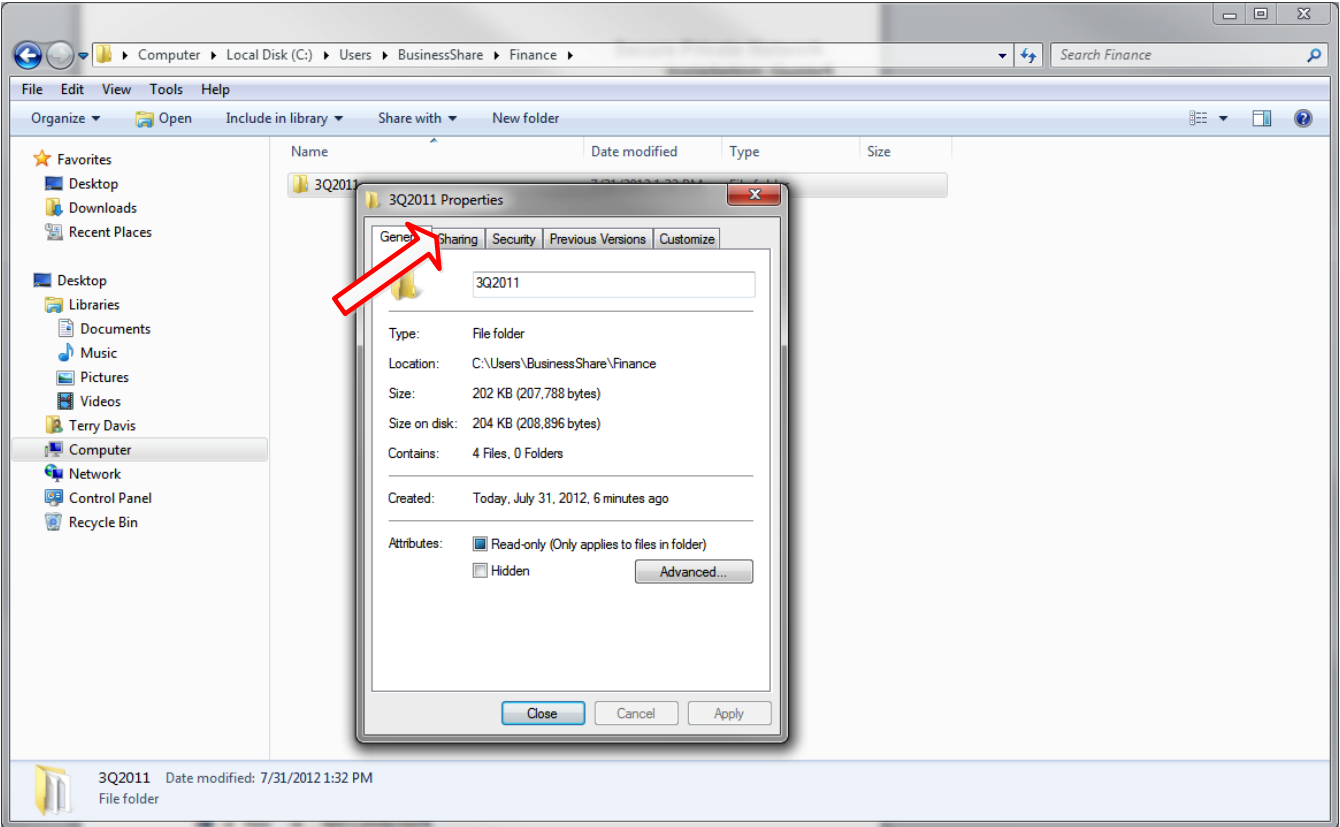
3.5. Sharing Resources with Windows

To share folders from Windows, navigate to the location of the desired share and follow these steps:

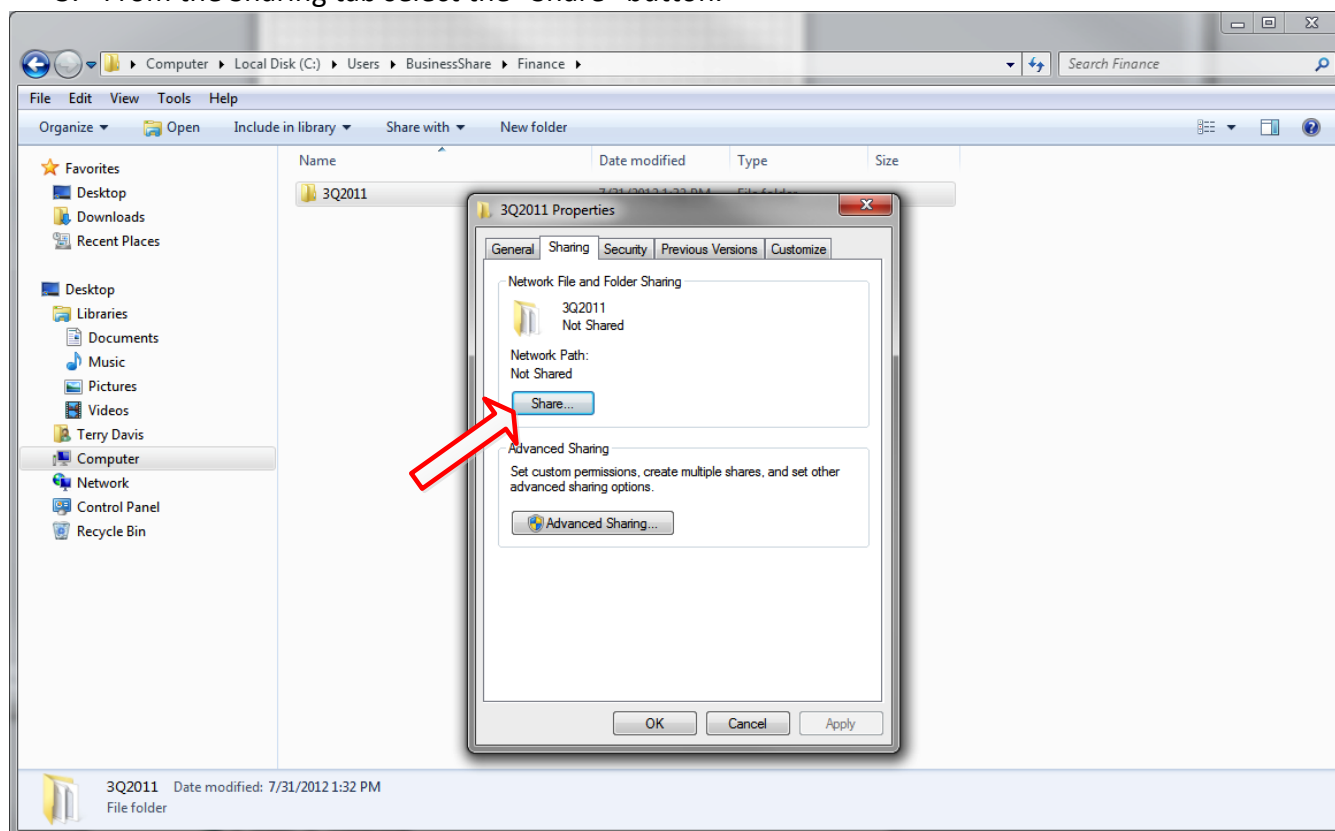
1. Right-click on the folder to share and select “Properties” from the context menu.



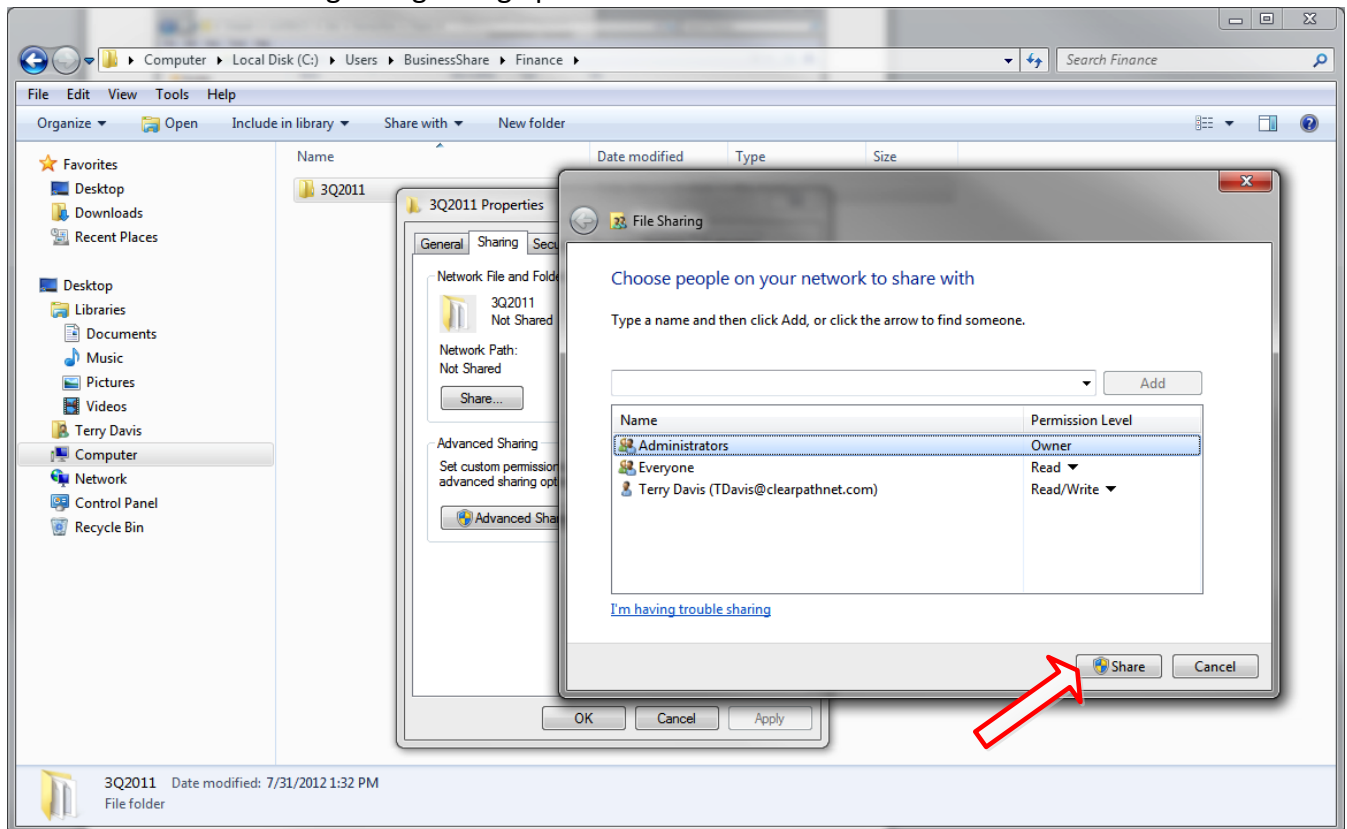
2. From the dialog that is displayed select the tab called “Sharing”.



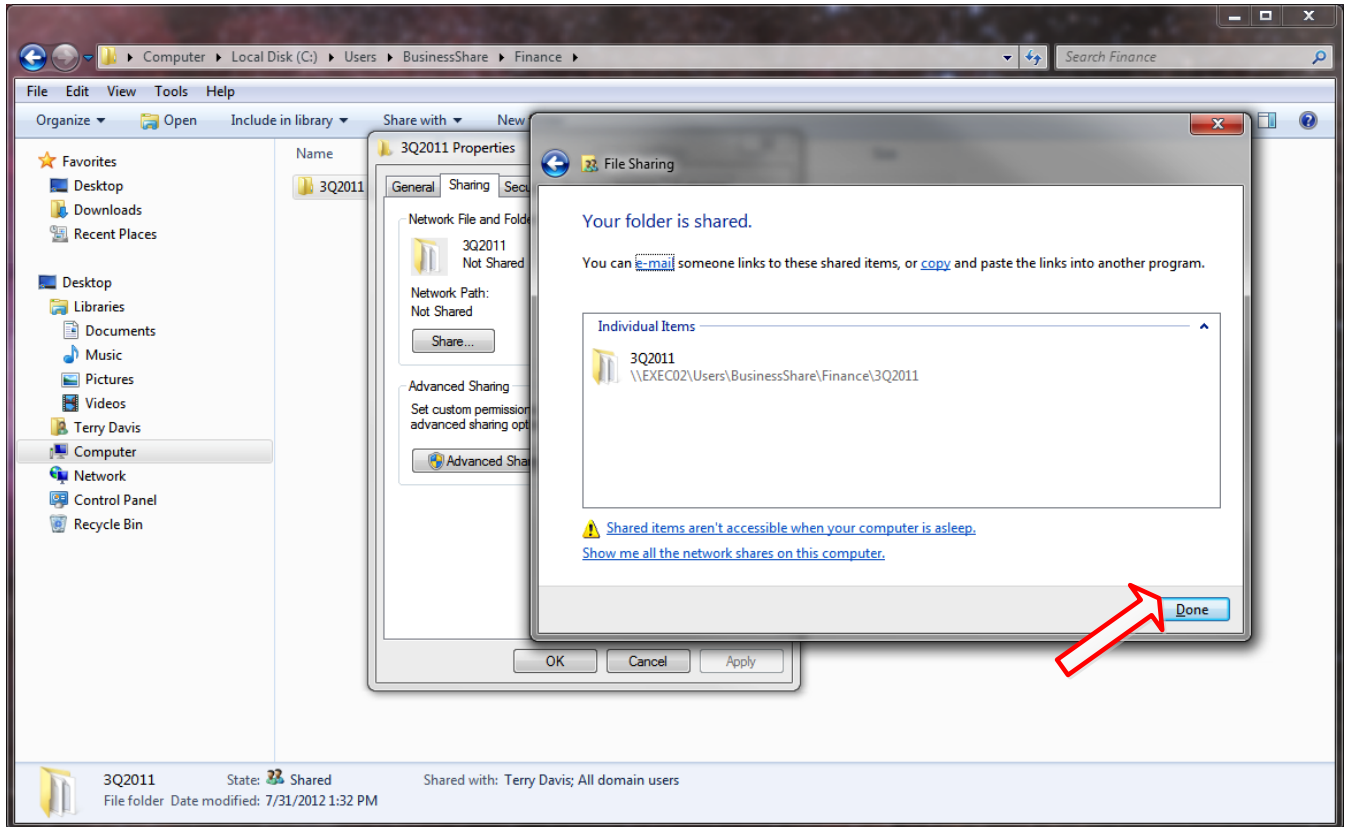
3. From the Sharing tab select the “Share” button.



4. From the resulting dialog change permissions on users as desired and click the “Share” button.







5. You will see a confirming dialog. Click “Done” to dismiss and then click “Close” or “OK” to dismiss other open dialogs.



Your resource is now shared. and will be visible to all other participants in your Secure Private Network community.

3.6. Secure Private Network Status Icons

The Secure Private Network application utilizes several status icons which are displayed in the Windows System Tray. The meaning of each is below.

	Green	Connected
	Red	Not Connected
	Yellow	Connecting
	Orange	Re-connecting