

Secure Private Network Installation Guide for OSX
ClearPath Networks

Published date	26-Jul-2012
Version	V1.0
Author	Saravana Bavan

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 3

 3.1. Download the Secure Private Network..... 3

 3.2. Install the Secure Private Network using the Mac Installer - Client 5

 3.3. Install the Secure Private Network using the Mac Installer - Server..... 8

 3.4. Use your Secure Private Network 15

 3.5. Secure Private Network Status Icons 19

1. Introduction

You can install the Secure Private Network on your system through the OSX Installer (MSI).

2. System Requirements

2.1. Prerequisites

Verify that your computer meets the following minimum requirements:

- A single Pentium® Core 2 Duo processor
- Web Browser – Chrome, Firefox 3+, Safari 5 +
- One of the following operating systems:
 - Mac OSX Tiger (10.4)
 - Mac OSX Leopard (10.5)
 - Mac OSX Snow Leopard (10.6)
 - Mac OSX Lion (10.7)
 - Server versions of all of the above
 - Languages supported – English (US), Deutsch (DE)

2.2. Hard Disk

- 10 MB hard disk space

2.3. RAM

- 1GB minimum

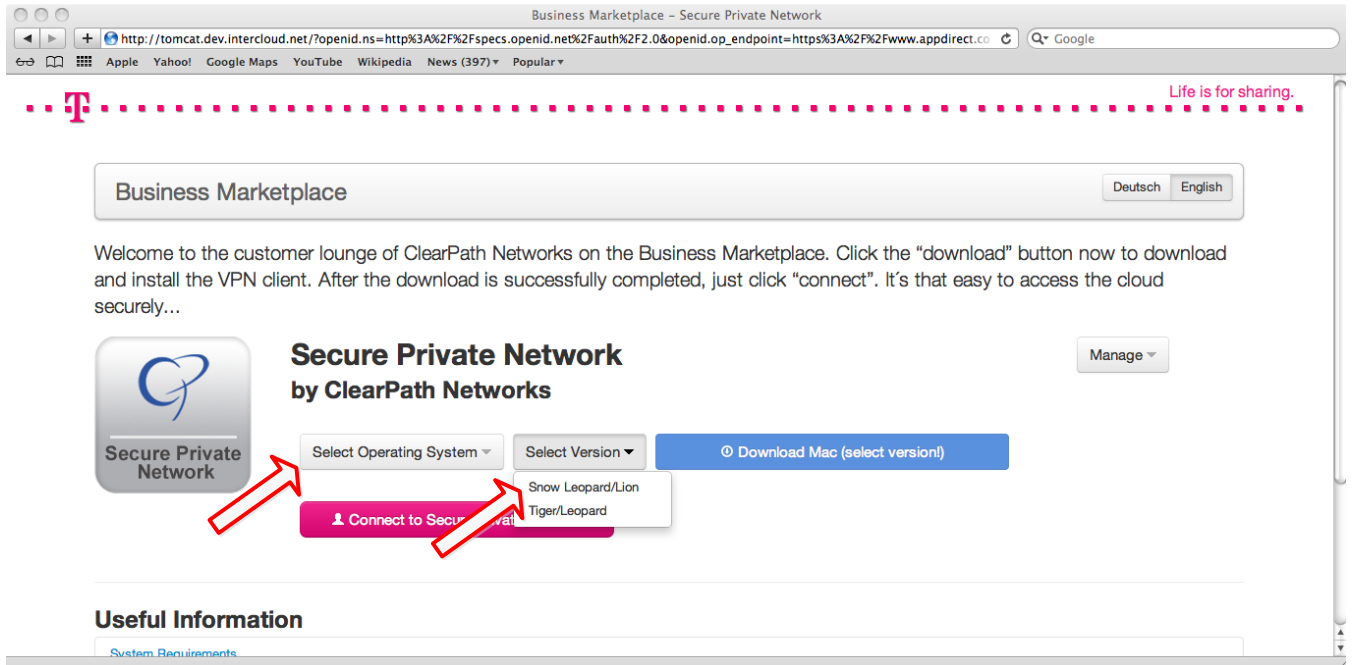
3. Installation Steps

3.1. Download the Secure Private Network

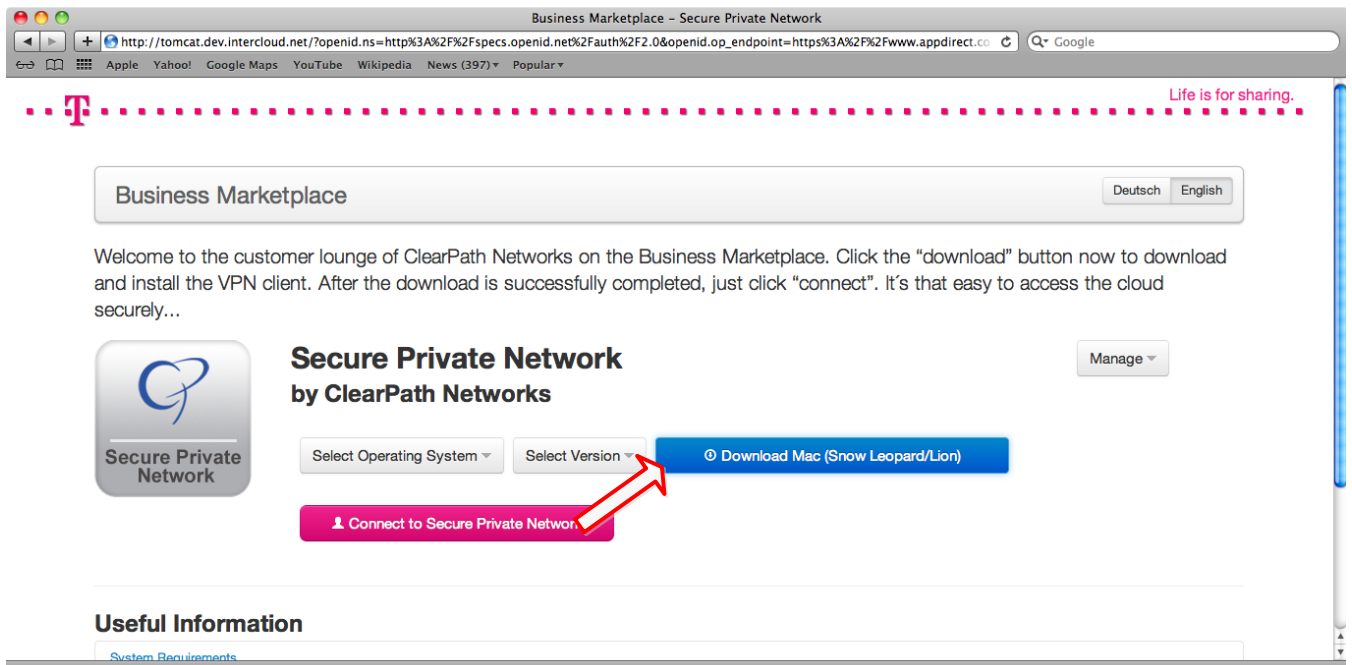
1. Once authenticated to the Telekom portal, navigate to the Secure Private Network product

Secure Private Network Installation Guide

2. From the Secure Private Network select Mac as the operating system and then select the appropriate version.

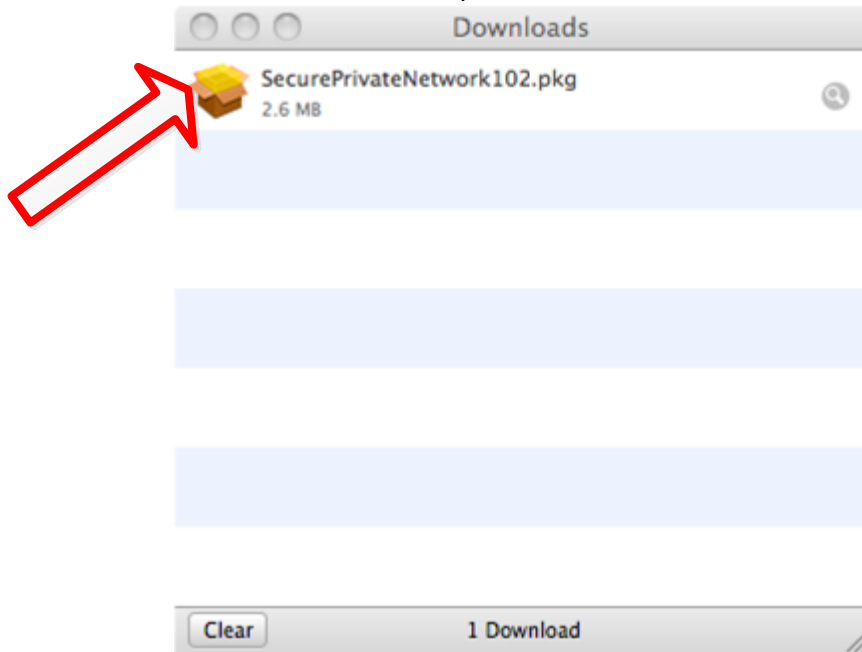


3. Click the "Download Mac" button.



3.2. Install the Secure Private Network using the Mac Installer - 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 Finder. The specific steps will vary depending on the browser used to access Marketplace.



The file name is:

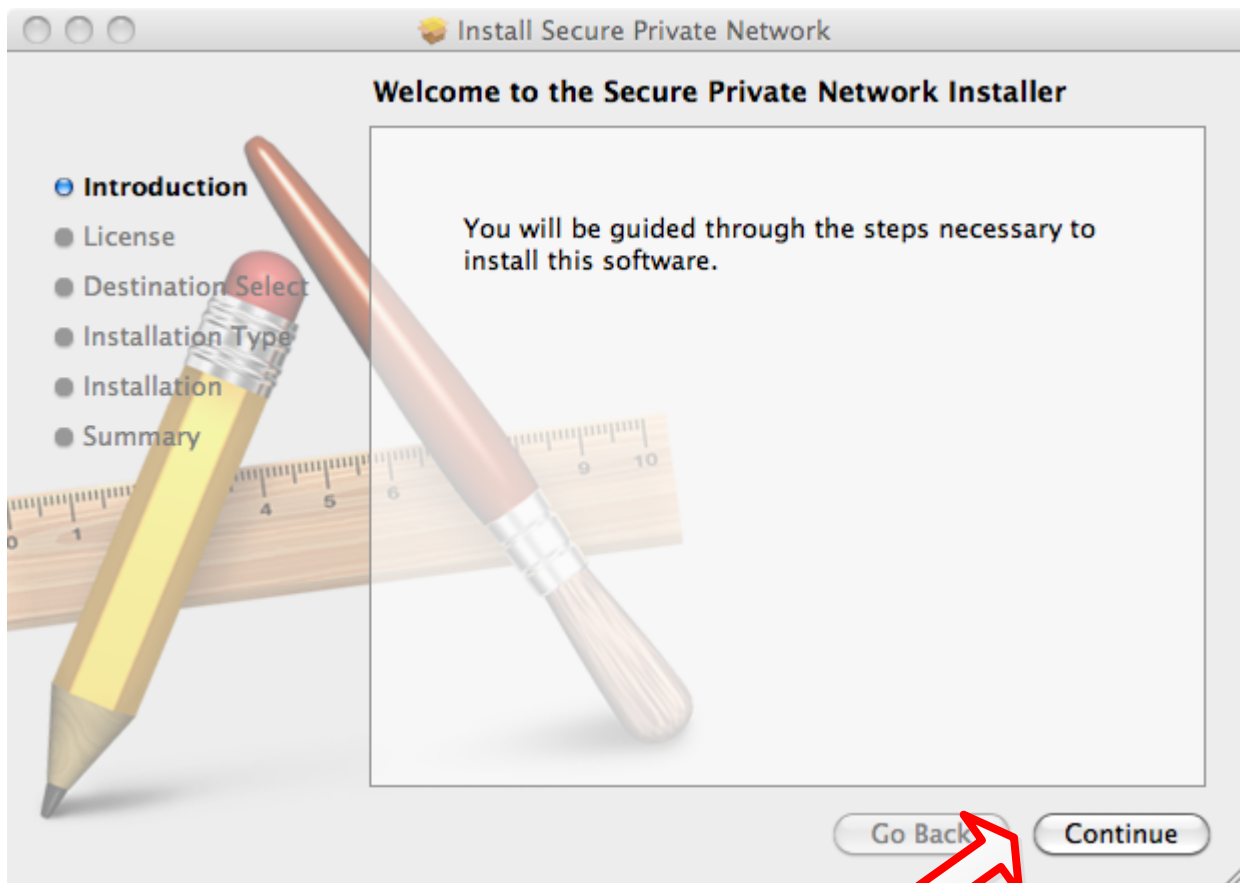
- SecurePrivateNetwork101.pkg OSX Tiger (10.4) and Leopard (10.5)
- SecurePrivateNetwork102.pkg OSX Snow Leopard (10.6) and Lion (10.7)
- SecurePrivateNetworkServer101.pkg Server version for Snow Leopard, Lion, Mountain Lion

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

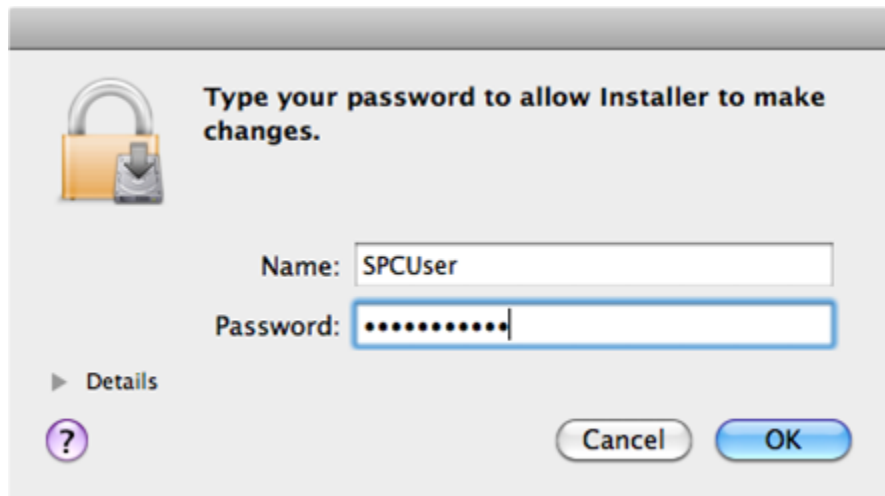
Once started, the installation process follows the steps below.

Secure Private Network Installation Guide

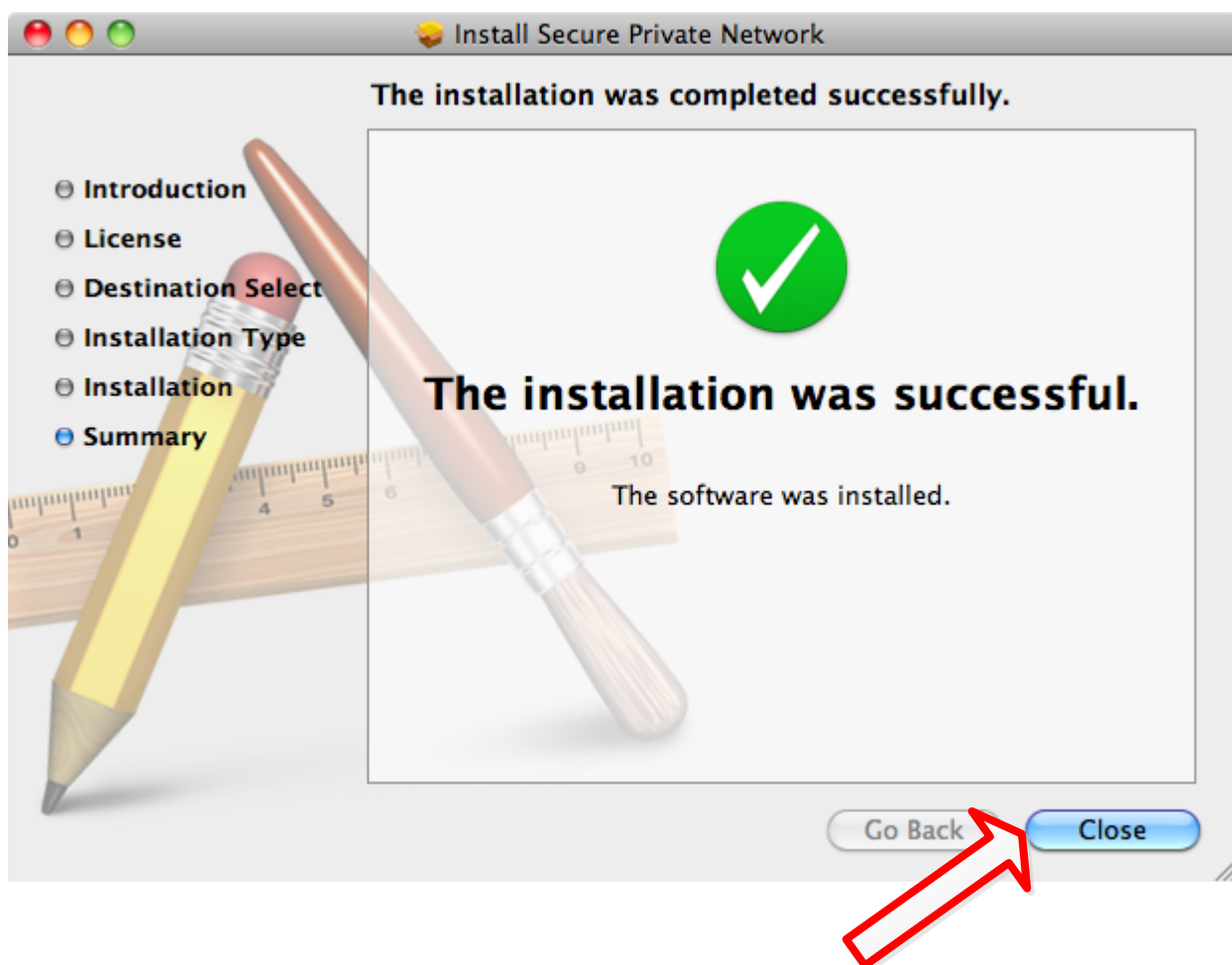
1. Click the "Continue" button on the *Welcome* screen



2. Provide credentials when requested.



3. Unless instructed otherwise, accept the defaults until the final success page is displayed. Click "Close" to dismiss the installer.



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

3.3. Install the Secure Private Network using the Mac Installer - Server

1. The installation process for the server version of Secure Private Network is the same as for the client with a system reboot at the end. Thus follow all the installation steps of 3.1 and 3.2 above, however select the Server version of the software to download. Note that only administrators of the account can download the server application. Once the normal installation steps are complete and the computer has been rebooted resume with step 2 below.
2. Logon to the Secure Private Network portal and select the “Manage” button.

The screenshot shows a web browser window titled "Business Marketplace - Secure Private Network". The address bar shows a URL from spn.telekom.intercloud.net. The page features a header with a Telekom logo and the slogan "Life is for sharing.". Below the header, there's a "Business Marketplace" section with language options for "Deutsch" and "English". 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 is titled "Secure Private Network by ClearPath Networks" and includes a logo. Below the title are two dropdown menus: "Select Operating System" and "Select Version". A prominent blue button says "Download Mac (select version!)" and a pink button says "Connect to Secure Private Network". On the right side, there's a "Manage" dropdown menu with options for "Server Keys" and "View Connections". A "Useful Information" section at the bottom contains links for "System Requirements", "Installation Guide", and "FAQs". The footer includes copyright information for ClearPath Networks, Inc. (2012) and patent numbers: U.S. Patent No. 7,783,800 and 8,078,777, and People's Republic of China Patent Number ZL 200580019475.4. A small link "Go to # on this page" is also present.

Secure Private Network Installation Guide

3. From there select the “Server Keys” menu option which brings up the list of available keys.

The screenshot shows a web browser window with the URL <https://spn.telekom.intercloud.net/?openid.ns=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0&open>. The page title is "Business Marketplace - Secure Private Network". The main content area is titled "Business Marketplace" and includes a "Welcome to the customer" message. A "Secure Private Network" logo is visible. A "Manage Server Keys" dialog box is open, displaying "Usage Info" and a list of "Server Keys".

Manage Server Keys

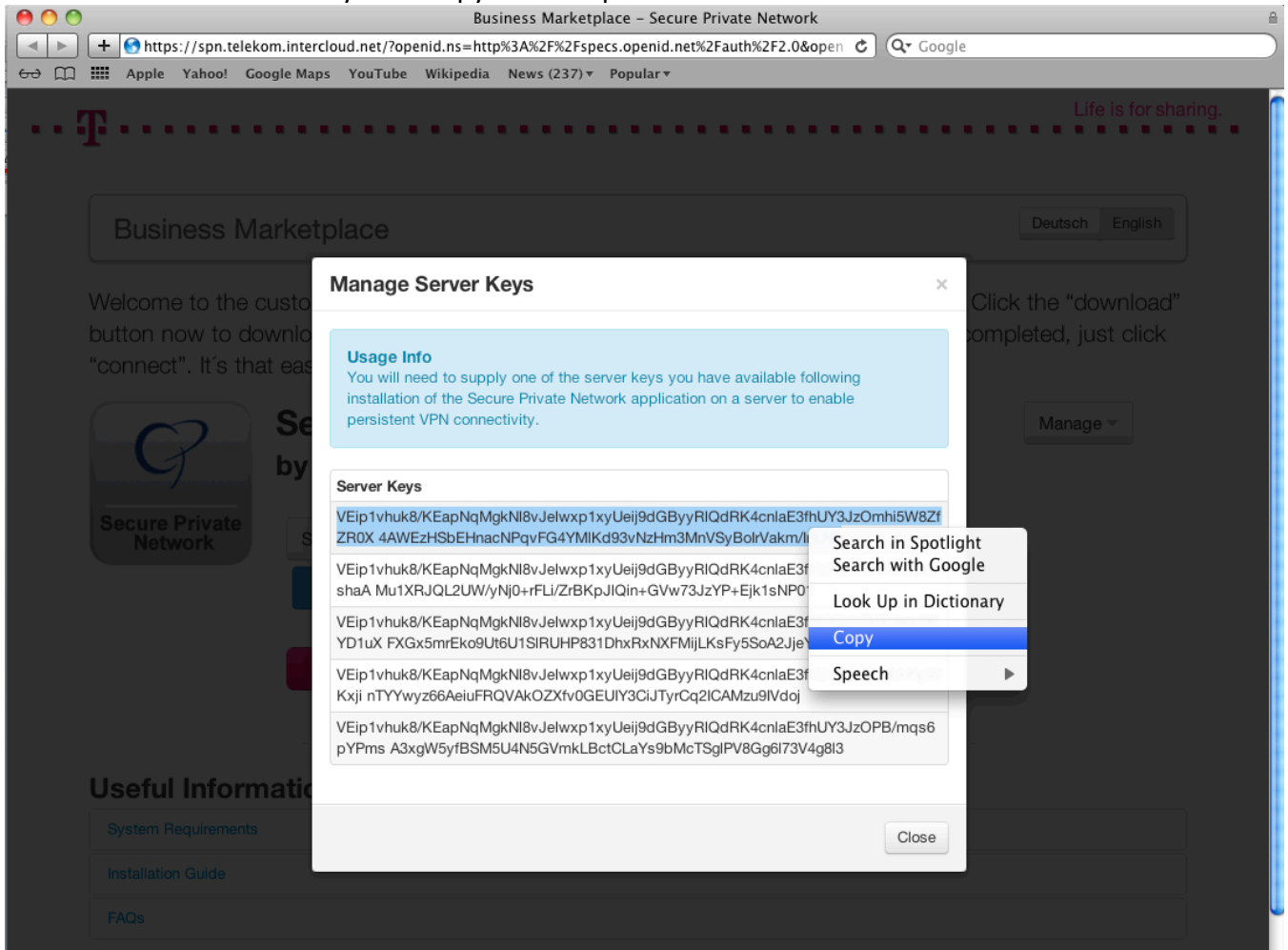
Usage Info
You will need to supply one of the server keys you have available following installation of the Secure Private Network application on a server to enable persistent VPN connectivity.

Server Keys

VEip1vhuk8/KEapNqMgkNi8vJelwpx1xyUeij9dGByyRIQdRK4cnlaE3fhUY3JzOmhi5W8ZfZROX 4AWEzHSbEHnacNPqvFG4YMIKd93vNzHm3MnVSyBolrVakm/InLN7
VEip1vhuk8/KEapNqMgkNi8vJelwpx1xyUeij9dGByyRIQdRK4cnlaE3fhUY3JzOfVA/GVxbshaA Mu1XRJQL2UW/yNj0+rFLi/ZrBKpJlQin+GVw73JzYP+Ejk1sNP01
VEip1vhuk8/KEapNqMgkNi8vJelwpx1xyUeij9dGByyRIQdRK4cnlaE3fhUY3JzO0X0w+1KYD1uX FXGx5mrEko9Ut6U1SIRUHP831DhxRxNXFMijLKsFy5SoA2JjeYlr
VEip1vhuk8/KEapNqMgkNi8vJelwpx1xyUeij9dGByyRIQdRK4cnlaE3fhUY3JzO3HbHflpWKxji nTYYwyz66AeiuFRQVAkOZXfv0GEUIY3CijTyrCq2ICAMzu9IVdoj
VEip1vhuk8/KEapNqMgkNi8vJelwpx1xyUeij9dGByyRIQdRK4cnlaE3fhUY3JzOPB/mqs6pYPms A3xgW5yfBSM5U4N5GVmkLBctCLaYs9bMcTSglPV8Gg6l73V4g8l3

Close

4. Select one of the keys and copy to the clipboard.



At this point the server key is in the clipboard ready to be used.

Secure Private Network Installation Guide

5. Return to the Secure Private Network portal and select “Connect To Secure Private Network”

The screenshot shows a web browser window with the address bar displaying `https://spn.telekom.intercloud.net/?openid.ns=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0&open`. The page title is "Business Marketplace - Secure Private Network". The browser's address bar includes a search bar with "Google" and a list of bookmarks: Apple, Yahoo!, Google Maps, YouTube, Wikipedia, News (237), and Popular. The page features a pink dotted line with a "T" icon and the text "Life is for sharing." in the top right corner. Below this, there is a "Business Marketplace" header with "Deutsch" and "English" language options. 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 includes the "Secure Private Network by ClearPath Networks" logo, a "Manage" button, and two dropdown menus: "Select Operating System" and "Select Version". Below these are two buttons: a blue "Download Mac (select version!)" button and a pink "Connect to Secure Private Network" button. A "Useful Information" section contains links for "System Requirements", "Installation Guide", and "FAQs". The footer includes the copyright notice "Copyright © 2012 ClearPath Networks, Inc. All rights reserved" and patent information: "U.S. Patent No. 7,783,800 and 8,078,777 | People's Republic of China Patent Number ZL 200580019475.4". A note at the bottom left says "Open # on this page in a new tab behind the current one".

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 Mac (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

Open # on this page in a new tab behind the current one

6. From here you will be prompted for the server key.

The screenshot shows a web browser window titled "Business Marketplace - Secure Private Network". The address bar contains a URL starting with "https://spn.telekom.intercloud.net/". The page features a header with a dotted line and a "Life is for sharing." slogan. A modal dialog box titled "Please enter secure key" is overlaid on the page, containing a text input field and "Cancel" and "OK" buttons. The background page includes a "Business Marketplace" header, a "Welcome to the customer" message, and a "Secure Private Network by ClearPath Networks" section. This section contains a "Secure Private Network" logo, a "Select Operating System" dropdown, a "Select Version" dropdown, a "Download Mac (select version!)" button, a "Disconnect from Secure Private Network" button, and a "Connect to Peers" dropdown. A "Useful Information" section at the bottom lists links for "System Requirements", "Installation Guide", and "FAQs".

Business Marketplace - Secure Private Network

https://spn.telekom.intercloud.net/?openid.ns=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0&open

Life is for sharing.

Deutsch English

Welcome to the customer

button now to download and

"connect". It's that easy to

Secure Private Network

Secure Private Network by ClearPath Networks

Select Operating System Select Version

Download Mac (select version!)

Disconnect from Secure Private Network

Connect to Peers

Useful Information

- System Requirements
- Installation Guide
- FAQs

7. Enter the key from the clipboard and select "OK."

The screenshot shows a web browser window with the URL `https://spn.telekom.intercloud.net/?openid.ns=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0&open`. The page title is "Business Marketplace - Secure Private Network". The browser's address bar shows the URL, and the search bar contains "Google". The page features a header with the Telekom logo and the slogan "Life is for sharing.". Below the header, there is a "Business Marketplace" section with language options for "Deutsch" and "English". The main content area includes a welcome message, a "Secure Private Network" logo, and a "Please enter secure key" modal dialog. The dialog contains a text input field with the key `cNPqvFG4YMIKd93vNzHm3MnVSy8olrVakm/InLN7` and "Cancel" and "OK" buttons. Below the dialog, there are buttons for "Select Operating System", "Select Version", "Download Mac (select version!)", "Disconnect from Secure Private Network", and "Connect to Peers". A "Useful Information" section at the bottom lists links for "System Requirements", "Installation Guide", and "FAQs".

Business Marketplace

Deutsch English

Welcome to the customer marketplace. Click the "download" button now to download a Secure Private Network. Once the download has successfully completed, just click "connect". It's that easy to get started.

Secure Private Network

Please enter secure key

cNPqvFG4YMIKd93vNzHm3MnVSy8olrVakm/InLN7

Cancel OK

Select Operating System Select Version

Download Mac (select version!)

Disconnect from Secure Private Network

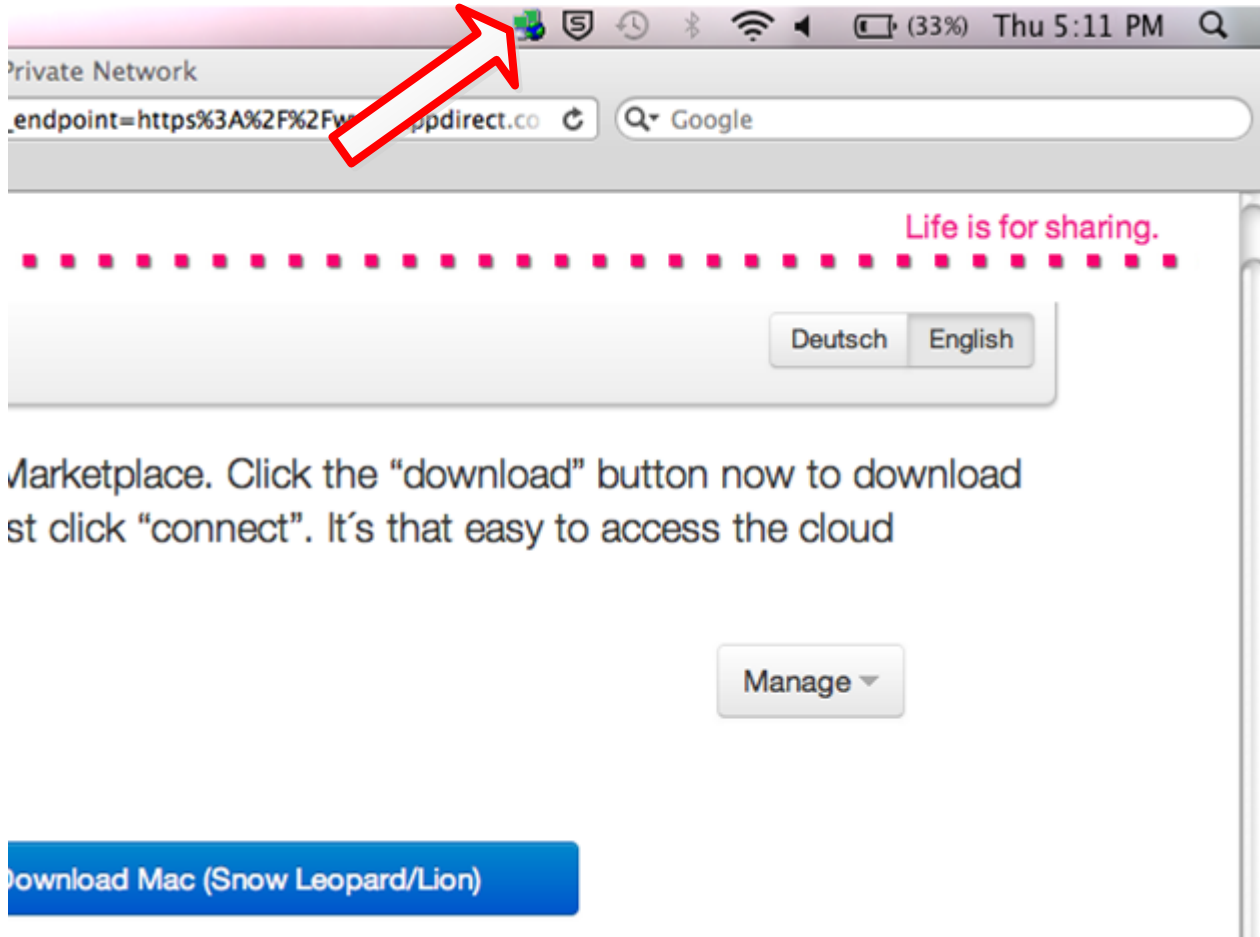
Connect to Peers

Useful Information

- System Requirements
- Installation Guide
- FAQs

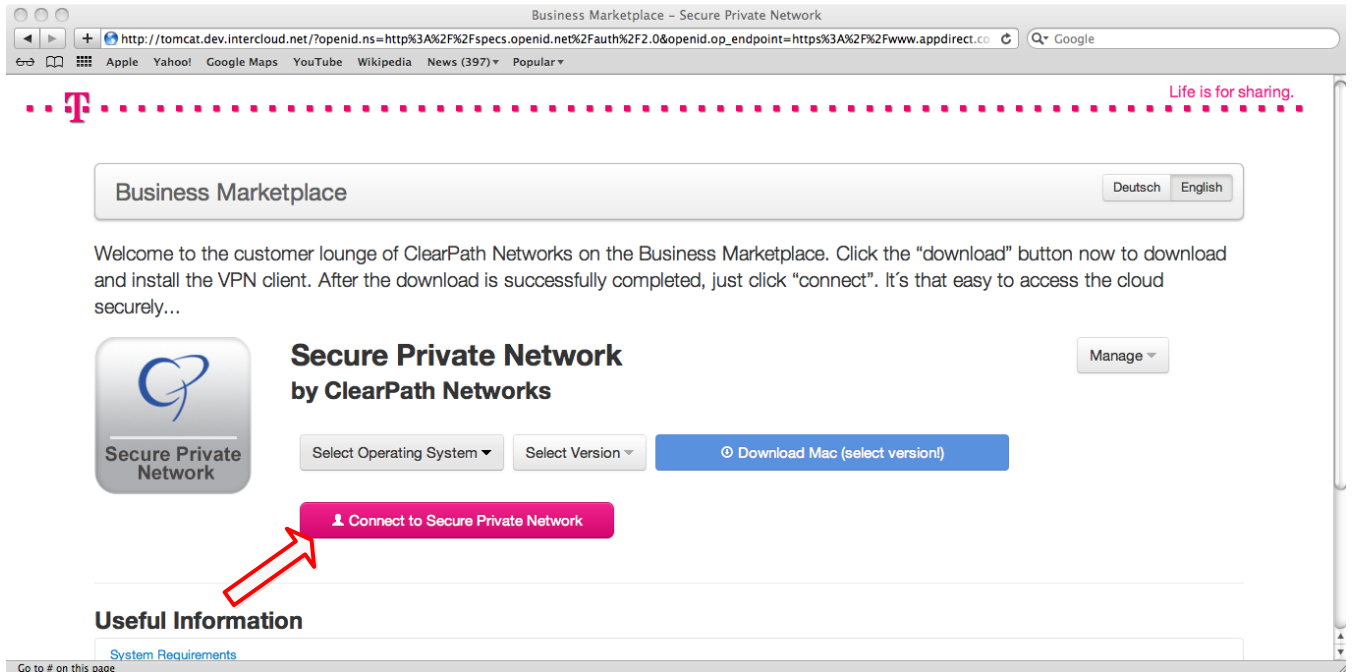
Secure Private Network Installation Guide

At this point the normal connection operation will occur with a green icon displayed in the status bar and your OSX Server is sharing resources.



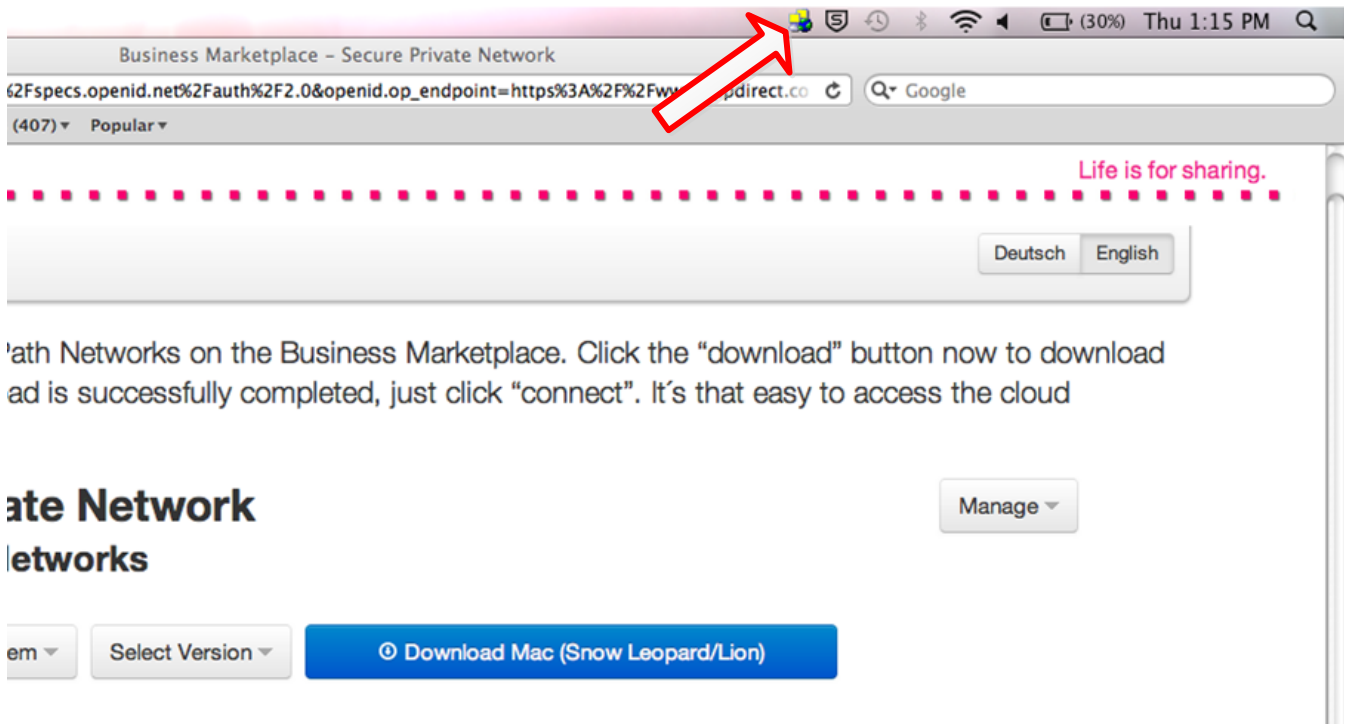
3.4. Use your Secure Private Network

1. Login to the Business Marketplace and navigate to the Secure Private Network then click "Connect to Secure Private Network."

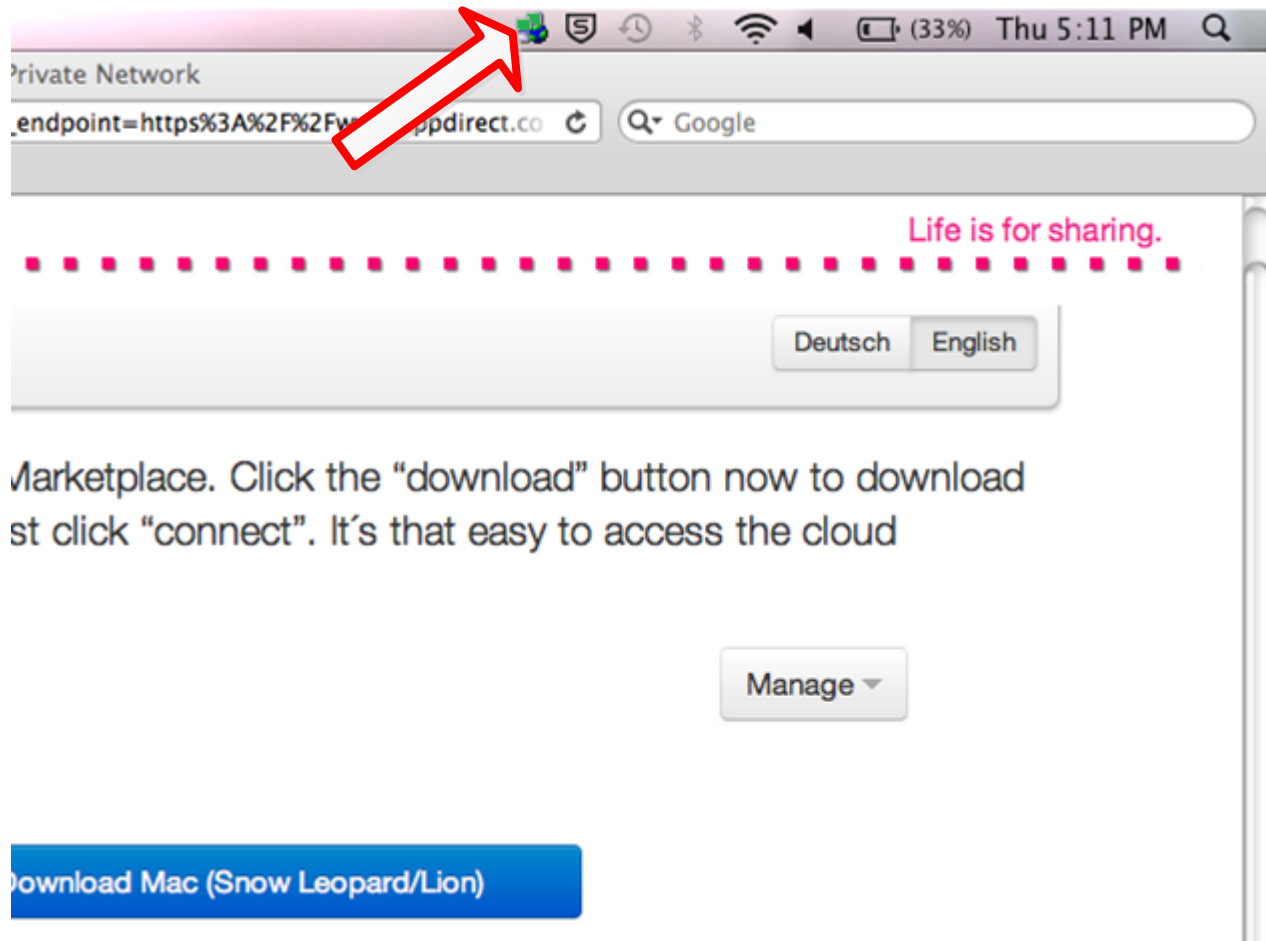


Secure Private Network Installation Guide

- The Secure Private Network icon will appear in the bar along the top of your OSX screen. It will first be yellow indicating the connection is in-progress and then turn green once the secure connection has been established.



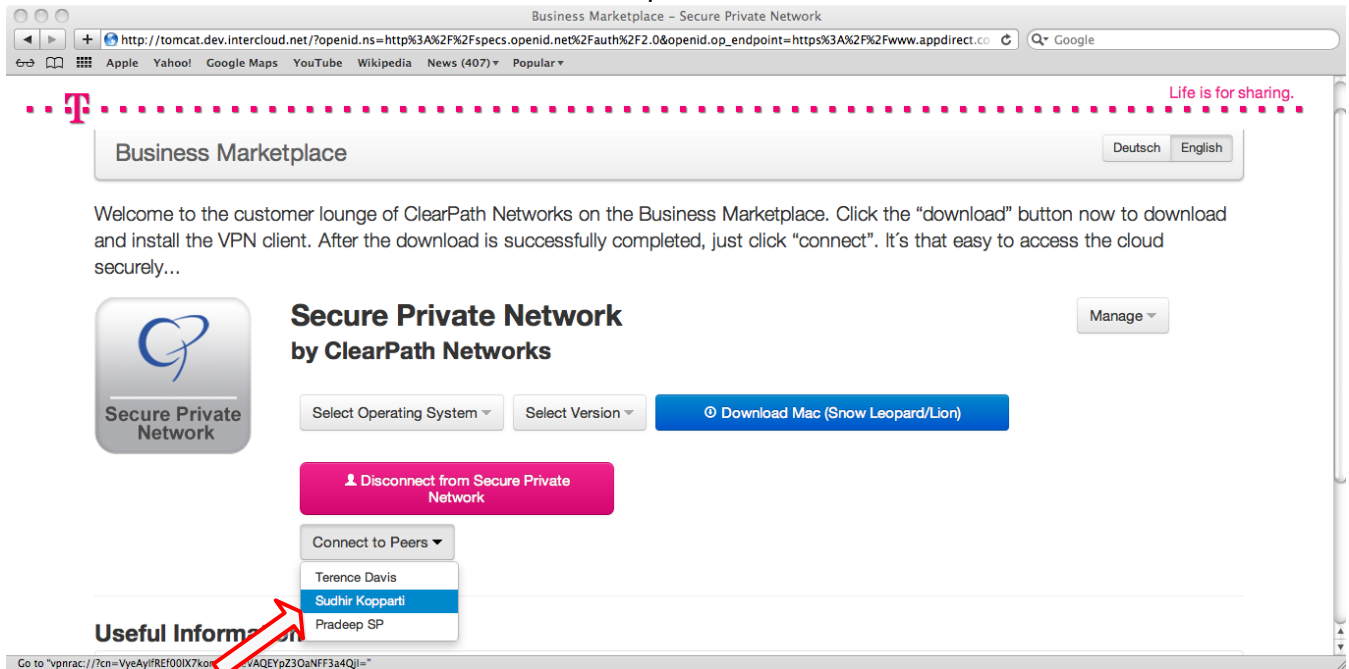
Connection in-progress



Connection established

Secure Private Network Installation Guide

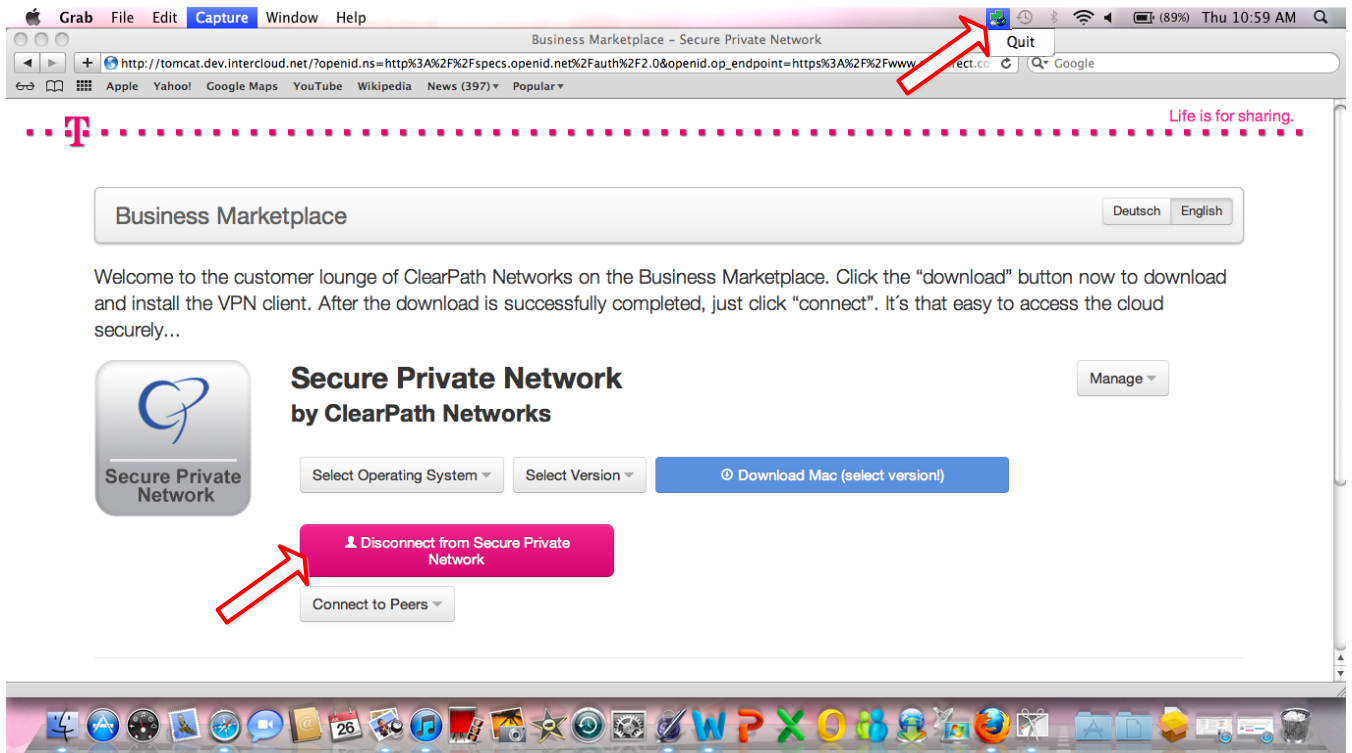
3. Once connected to the Secure Private Network you can access the shared resources by viewing the Business Marketplace and selecting the desired collaborator. The list of shared resources is accessed from the “Connect to Peers” drop-down.



4. Upon selection of the collaborator, a new Finder 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





5. You can disconnect from all shared resources from the Business Marketplace by selecting “Disconnect from Secure Private Network” or from the menu bar by clicking on the Secure Private Network icon and selecting “Quit.” This action will close all active shares. Note that if there are open files the disconnection may fail and/or data may be lost.



Disconnect

3.5. Secure Private Network Status Icons

The Secure Private Network application utilizes several status icons which are displayed in the OSX menu bar. The meaning of each is below.

	Green	Connected
	Red	Not Connected
	Yellow	Connecting
	Orange	Re-connecting