

**MAC OSx is not supported by ICTS.**

**Therefore, please consider this manual a courtesy.**

A Virtual Private Network (VPN) is best described as a “tunnel” to MAASnet, the university network. After having configured the VPN connection, your MAC will only communicate with the VPN server. Consequently, this server handles all network traffic to and from the MAC, as if this MAC were physically located within the university.

#### MAASnet and VPN:

The university network contains many pages and provisions that can be accessed only from a computer within MAASnet, in which all systems receive a unique IP address. These addresses always look like this: 137.120.xxx.xxx, where the last six numbers are unique.

#### MAASnet:

Through the use of the VPN connection, users will be able to access the restricted content from other pc’s connected by other means as well.

In practice, this means that users that are accessing the internet through another internet provider can now access, for example:

- Microsoft Exchange/Outlook environment;
- Library services such as the E-journal database.

This manual will help you configure your MAC for the use of the VPN client of Maastricht University.

BEWARE: The UM VPN connection cannot be used on a MAC that is connected through some other VPN connection at the same time.

### What do you need?

- A MAC that is connected to the internet.
- An employee or student account of Maastricht University.

#### **Step 1:**

Click on the Safari logo in your dock or go to Applications through the menu Go -> Applications -> Safari.




**Login**

Please enter your username and password.

USERNAME:

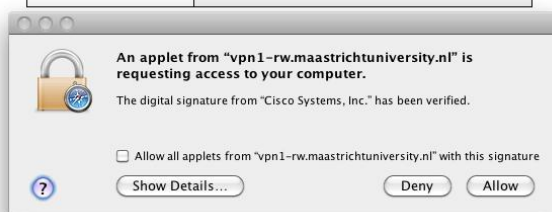
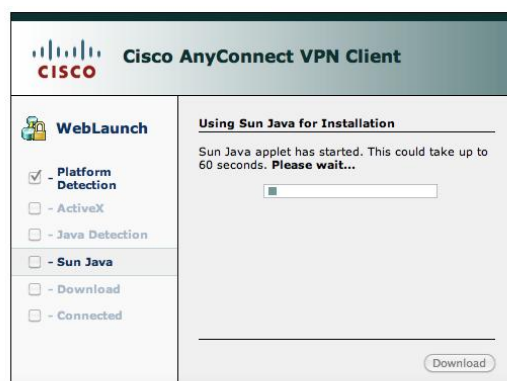
PASSWORD:

#### **Step 2:**

Go to the following website:

[vpn.maastrichtuniverstiy.nl](http://vpn.maastrichtuniverstiy.nl)

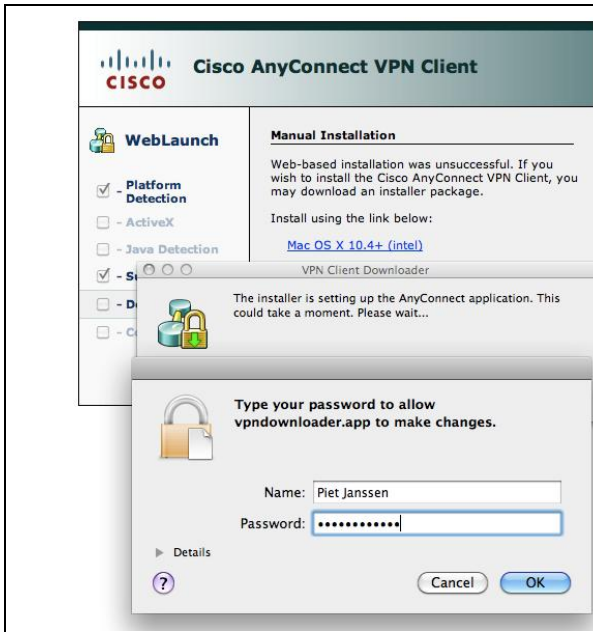
Fill in your *Username* (this is for employees the name in front of the @-sign in the e-mail address and for students the i-number) and *Password* in the required fields. Click on *Login*.



#### **Step 3:**

Now the automatic installation starts.

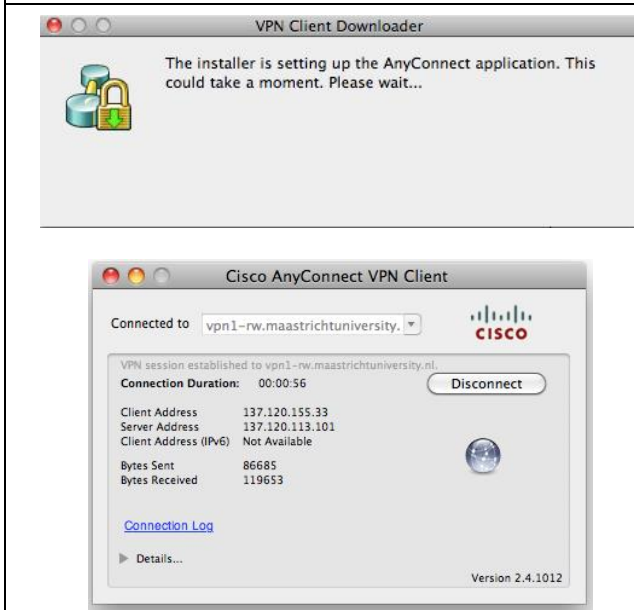
If you are asked that an applet wants access to your computer click *Allow*.



**Step 4:**

You will be asked to give in your password of the computer to install the new software.

Fill out the password of the MAC (not your Maastricht University password).



**Step 5:**

The Cisco AnyConnect application is installed on your computer.

If the installation fails or you don't get to this screen; skip to step 6 of this manual.

After successful installation go to **Step 12**

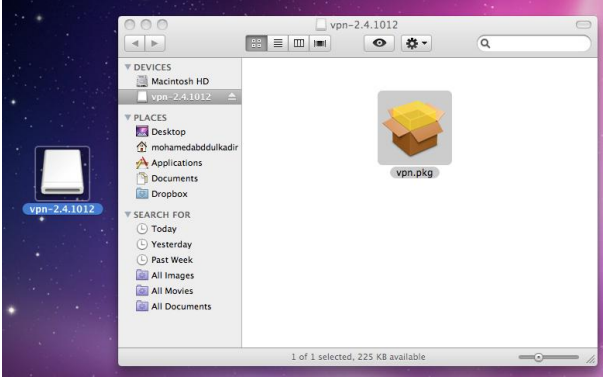
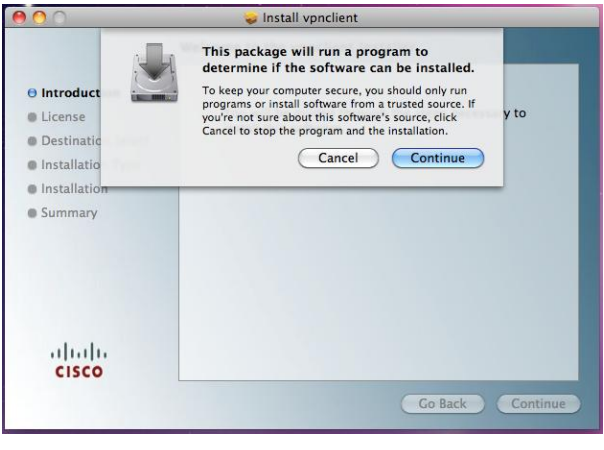
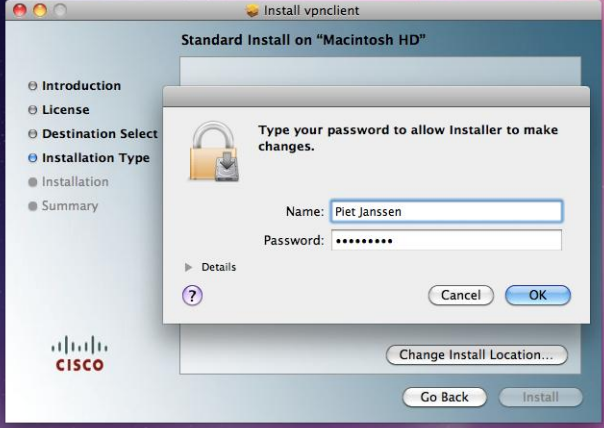


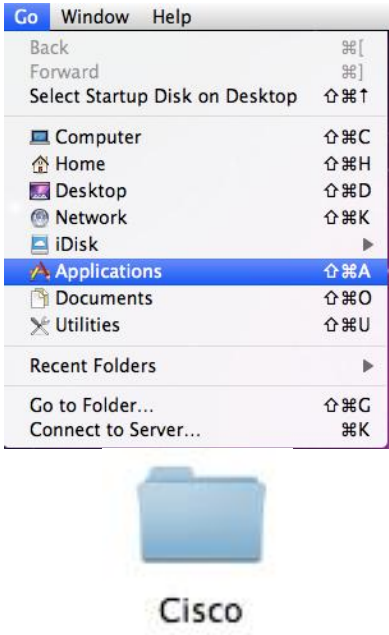
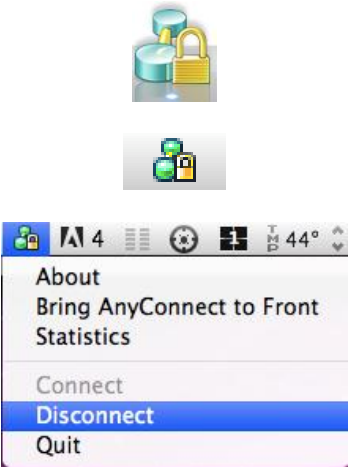
**Step 6:**

In case the Cisco client fails to install automatically click on the link "Mac OS X 10.4+ (intel)" in the centre of the screen.

A file named *vpnsetup.sh* will be downloaded to your Downloads folder.

	<p><b>Step 7:</b></p> <p>Start Terminal by typing in <i>terminal</i> in the search bar of <i>Spotlight</i> (top right in your menu bar). Click on the top hit which should be <i>Terminal</i> (as shown here).</p> <p>A new blank window appears with your username and your computer name.</p>
	<p><b>Step 8:</b></p> <p>Type in the following command (don't press enter after the command yet):</p> <pre>chmod a+x</pre> <p>Now drag the <i>vpnsetup.sh</i> icon into the blank window.</p> <p>The path to the file <i>vpnsetup.sh</i> will now be filled out automatically and the command should be:</p> <pre>"chmod a+x /Users/username/Downloads/vpnsetup.sh"</pre> <p>Press enter.</p>

	<p><b>Step 9:</b></p> <p>The installation of the Cisco AnyConnect client appears on your desktop.</p> <p>Click on it and execute the "vpn.pkg".</p>
	<p><b>Step 10:</b></p> <p>The installation of the Cisco AnyConnect client starts automatically. Press <i>Continue</i> to proceed.</p>
	<p><b>Step 11:</b></p> <p>You will be asked to give the password of your computer to proceed with the installation. Fill out the required details and complete the steps to finish the installation.</p>

	<p><b>Step 12:</b></p> <p>To start the VPN client go to your Applications folder and click on the Cisco folder.</p> <p>Inside this folder you will find the <i>Cisco AnyConnect VPN client</i>.</p> <p>Log on to VPN using your Maastricht University username and password (this is for employees the name in front of the @-sign in the e-mail address and for students the i-number) and click <i>Connect</i>.</p>
	<p><b>Step 13:</b></p> <p>The Cisco AnyConnect icon appears on your dock and your top menu.</p> <p>You can disconnect the VPN connection by clicking on the Cisco AnyConnect icon and selecting the option <i>Disconnect</i>.</p> <p>To start the VPN connection you can go to the same icon and select the option <i>Connect</i> or start the Cisco AnyConnect client by going to your Applications folder.</p>