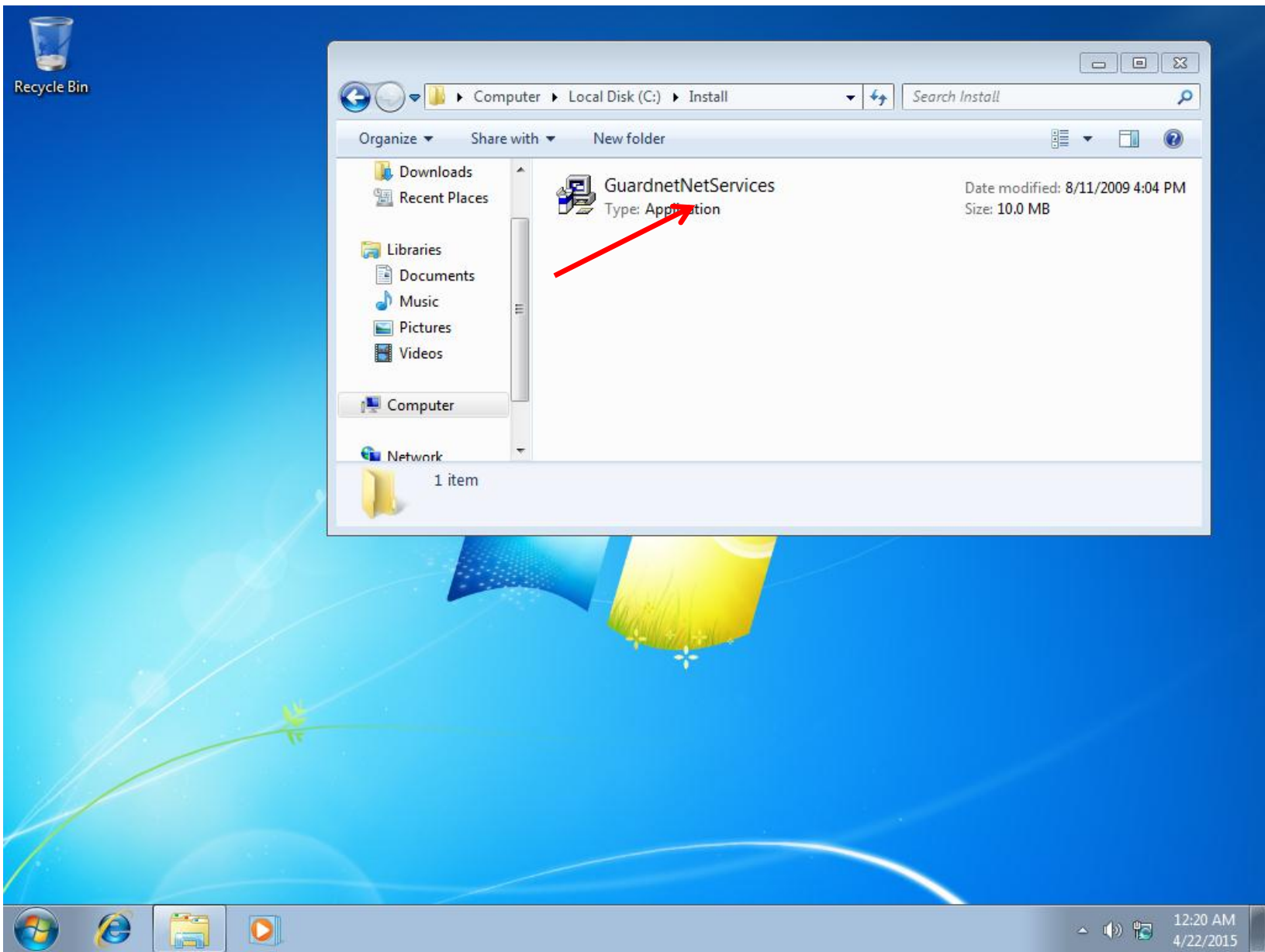


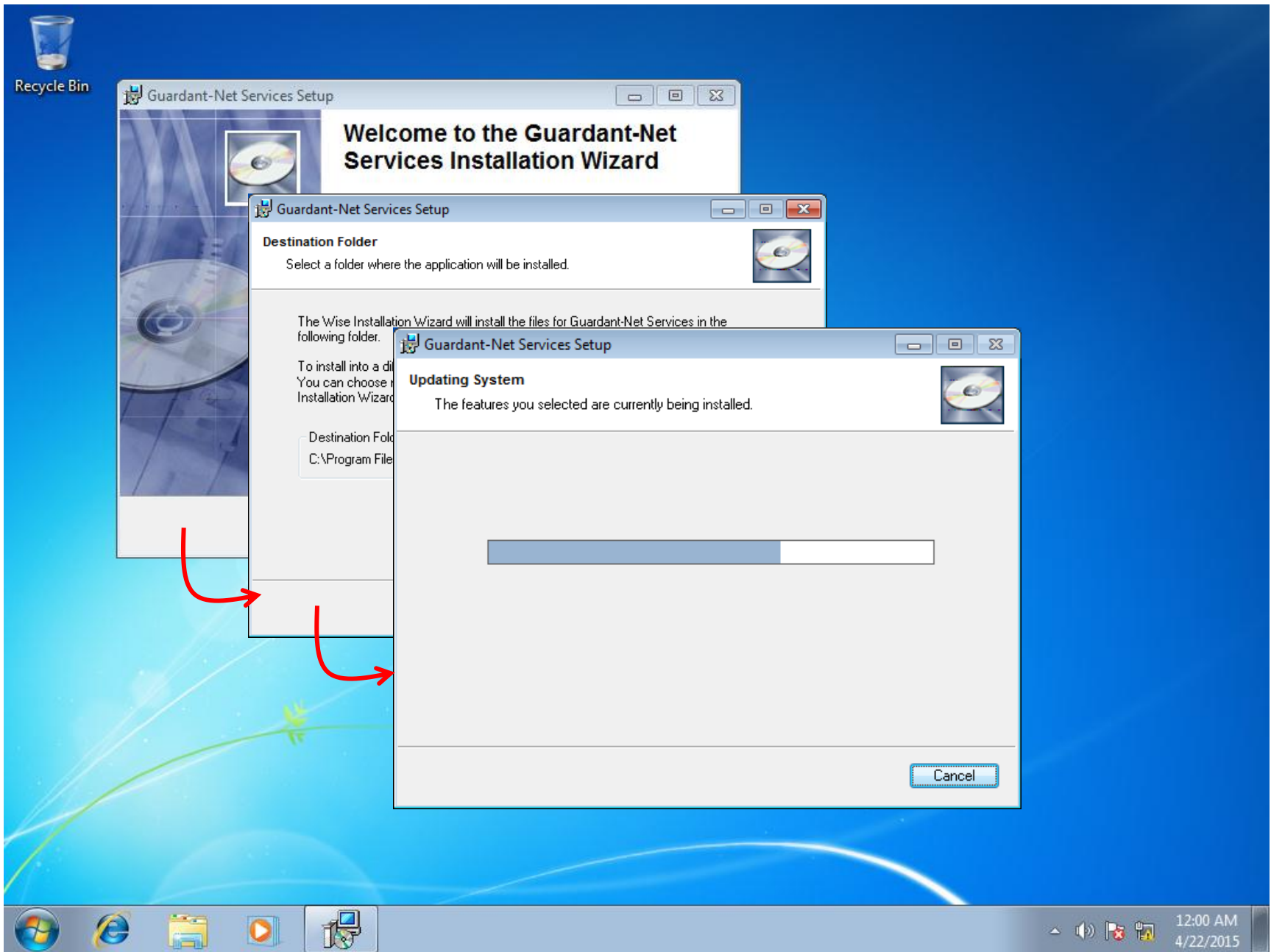
# Install Network Service for Tesseral Network USB keys

on Windows 7 or newer

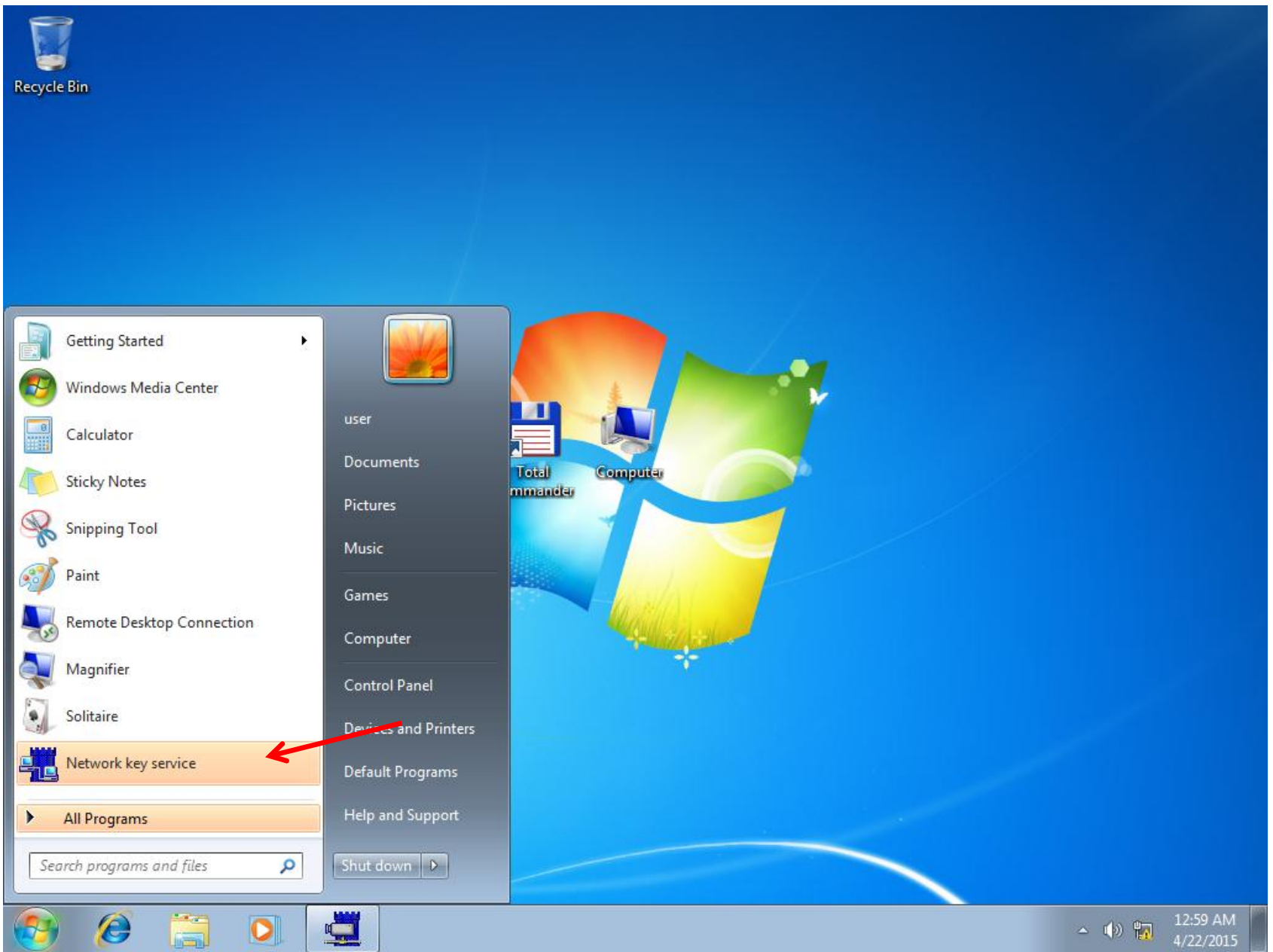
for Windows XP, Vista or Server 2003 go to [here](#)



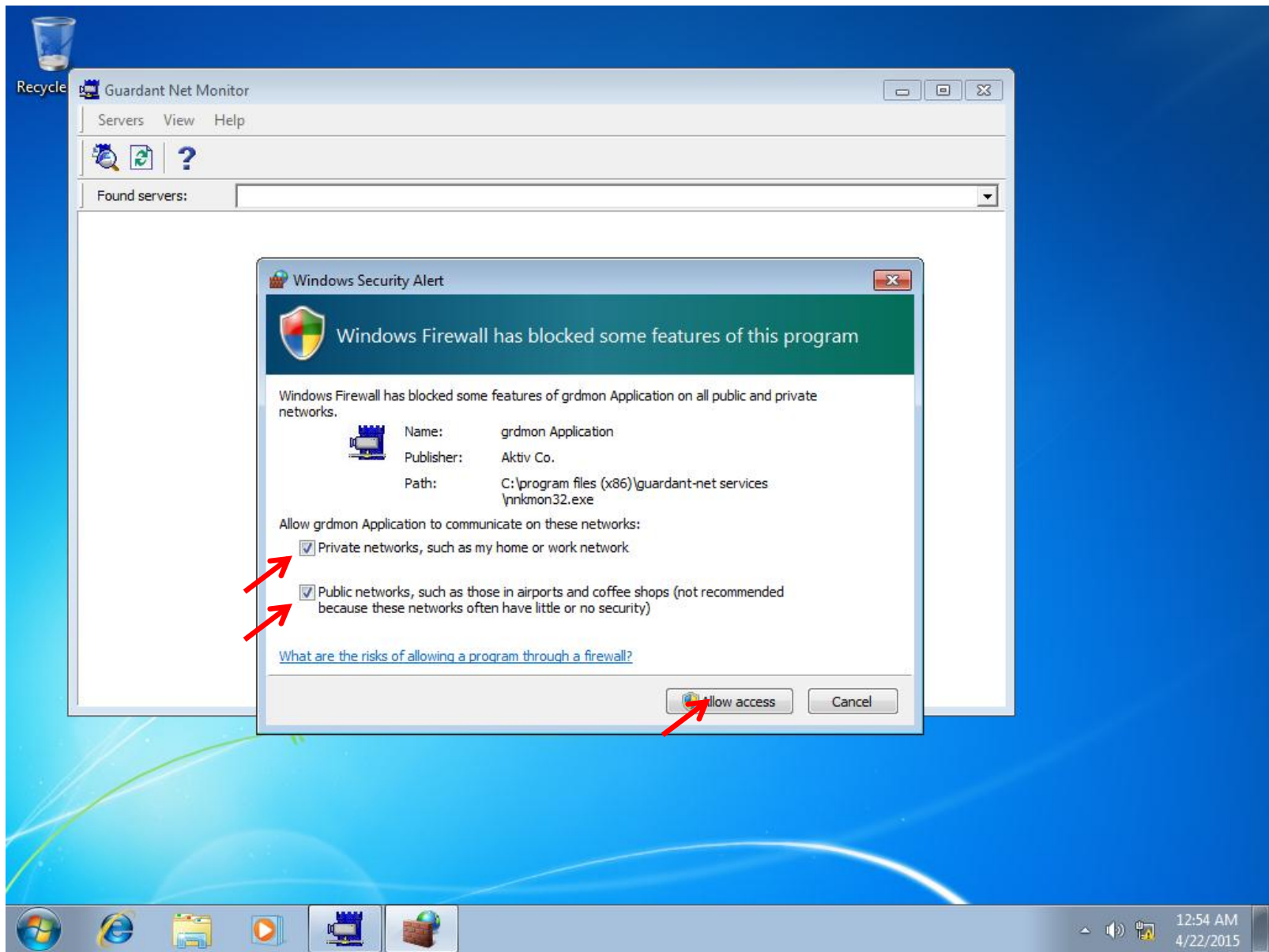
Run setup program (you must have Administrator privileges)



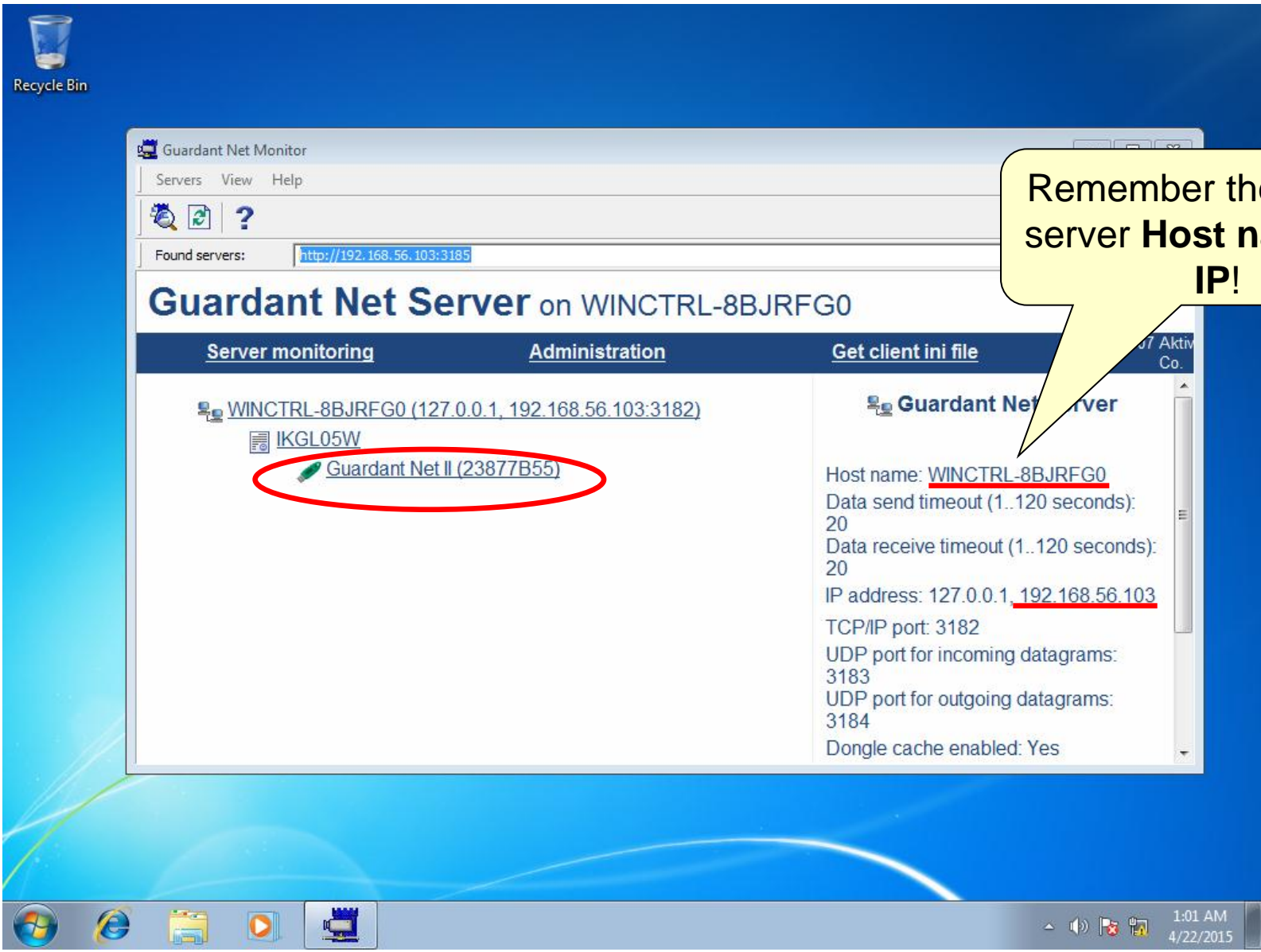
Follow installation steps



Run Guardant Monitor



Allow access to network for Guardant Key Monitor



Remember the license server **Host name** and **IP!**

The USB key should be in the list

# On a workseat when registering Tessler-2D and/or Tessler Pro

Register Tessler Pro version 5.1.2a (build 10f17342c60d)

Alpha-digital key

Outgoing Code: A78REKJBF6Q0RT5WJ8RDPJ3

Please email this outgoing code to the Customer Service, and then enter the incoming key you receive.

Incoming Key:

Please, visit <http://www.tessler-geo.com> for information of how to obtain trial evaluation key.

Register Cancel

HASP key

Insert Key

Network HASP key

Network Address: 192.168.56.103

Connect

Enter the license server host name or IP!

To use Remote USB key enter the license server Host Name or IP in the Tessler registration dialog and press **Connect**

# Troubleshooting

Read only if you encounter problems



# System Requirements

- Server
  - Windows XP, Vista, 2003 Server or newer
  - Connection to common domain or workgroup via a local network or VPN
  - USB 2.0 Port
- Client
  - Windows XP, Vista , 2003 Server or newer
  - Connection to common domain or workgroup via a local network or VPN
  - Tesseral 2D and/or Tesseral Pro installed

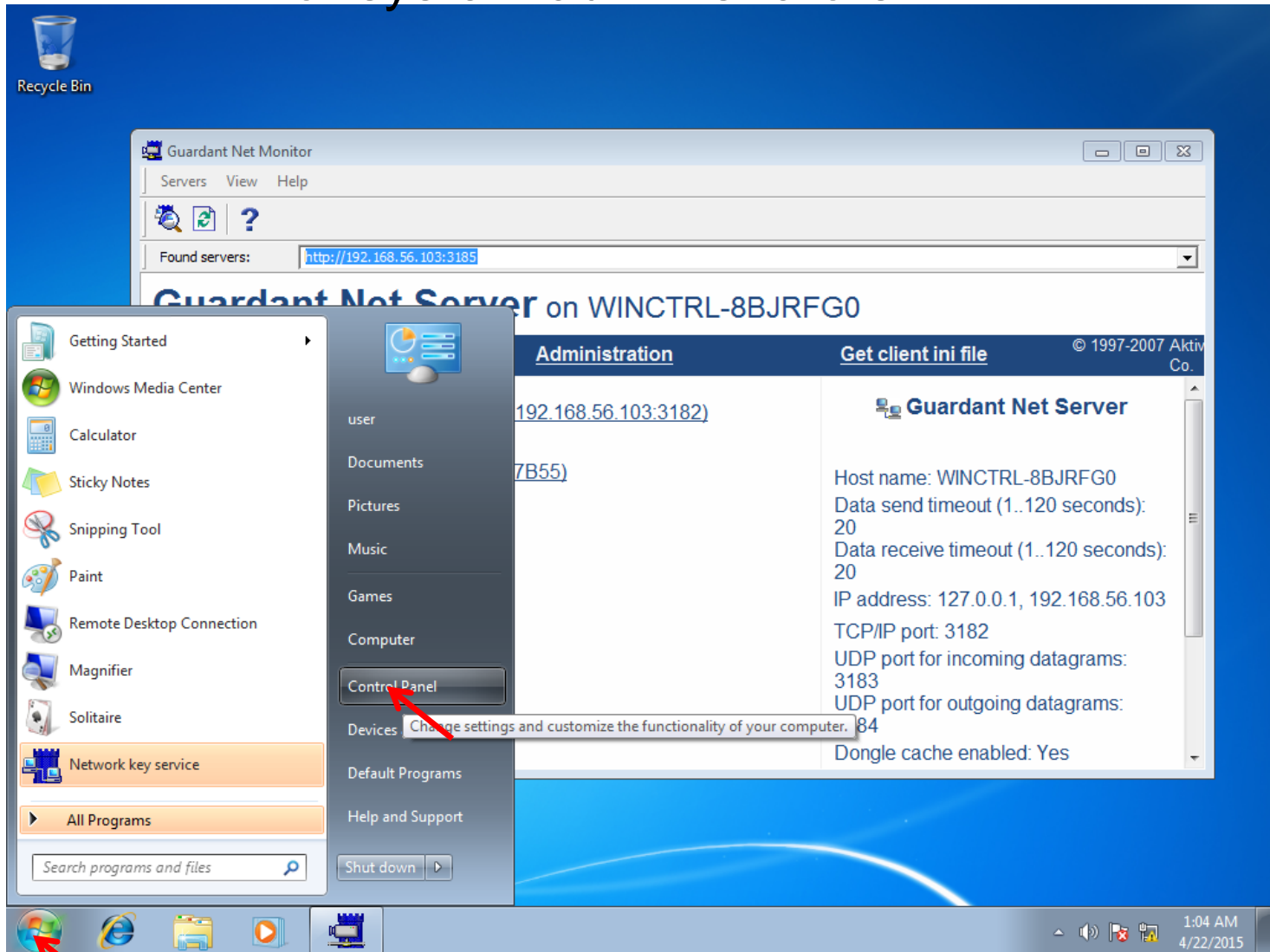
# Technical information

for system administrators

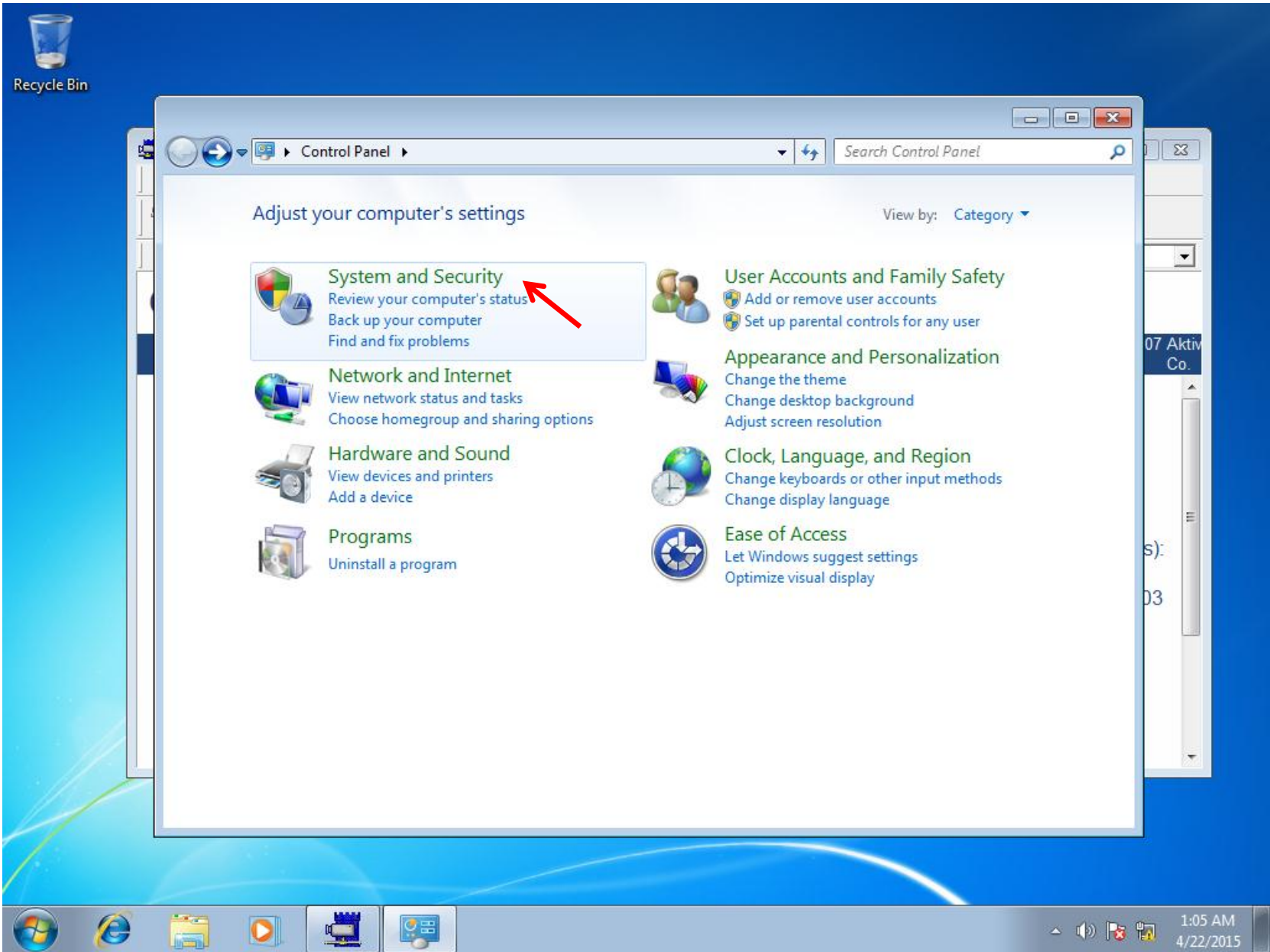
- Guardant Network Service use following TCP/IP ports (both ingoing and outgoing):
  - 3182/TCP
  - 3183/UDP
  - 3184/UDP
- Configuration files for advanced settings
  - For server: NNKSRV32.INI  
(in Guardant Net Services directory)
  - For client: GNCLIENT.INI  
(In Tesseral Directory)

# Setting up the Firewall

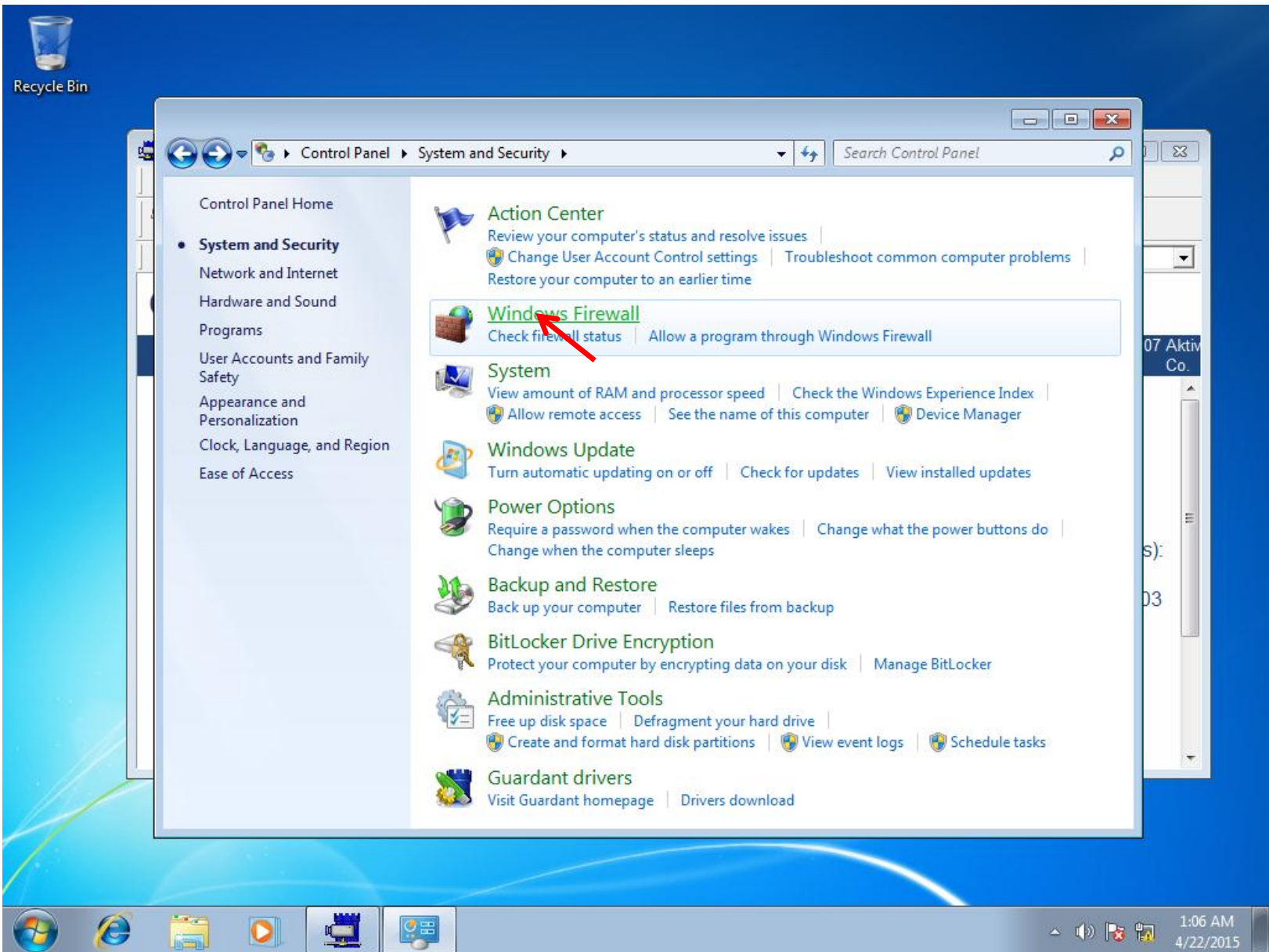
## for system administrators



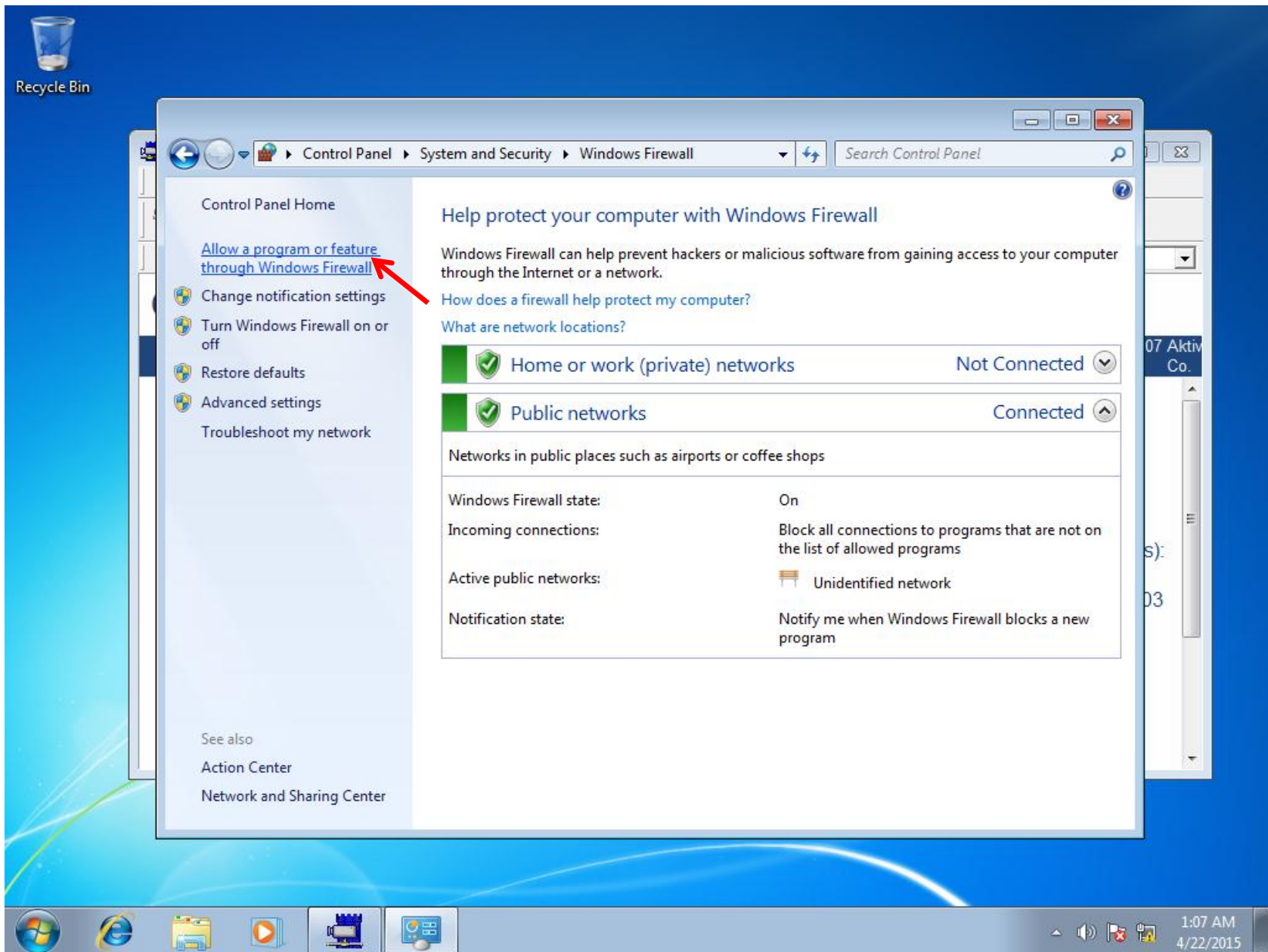
Enter the Control Panel



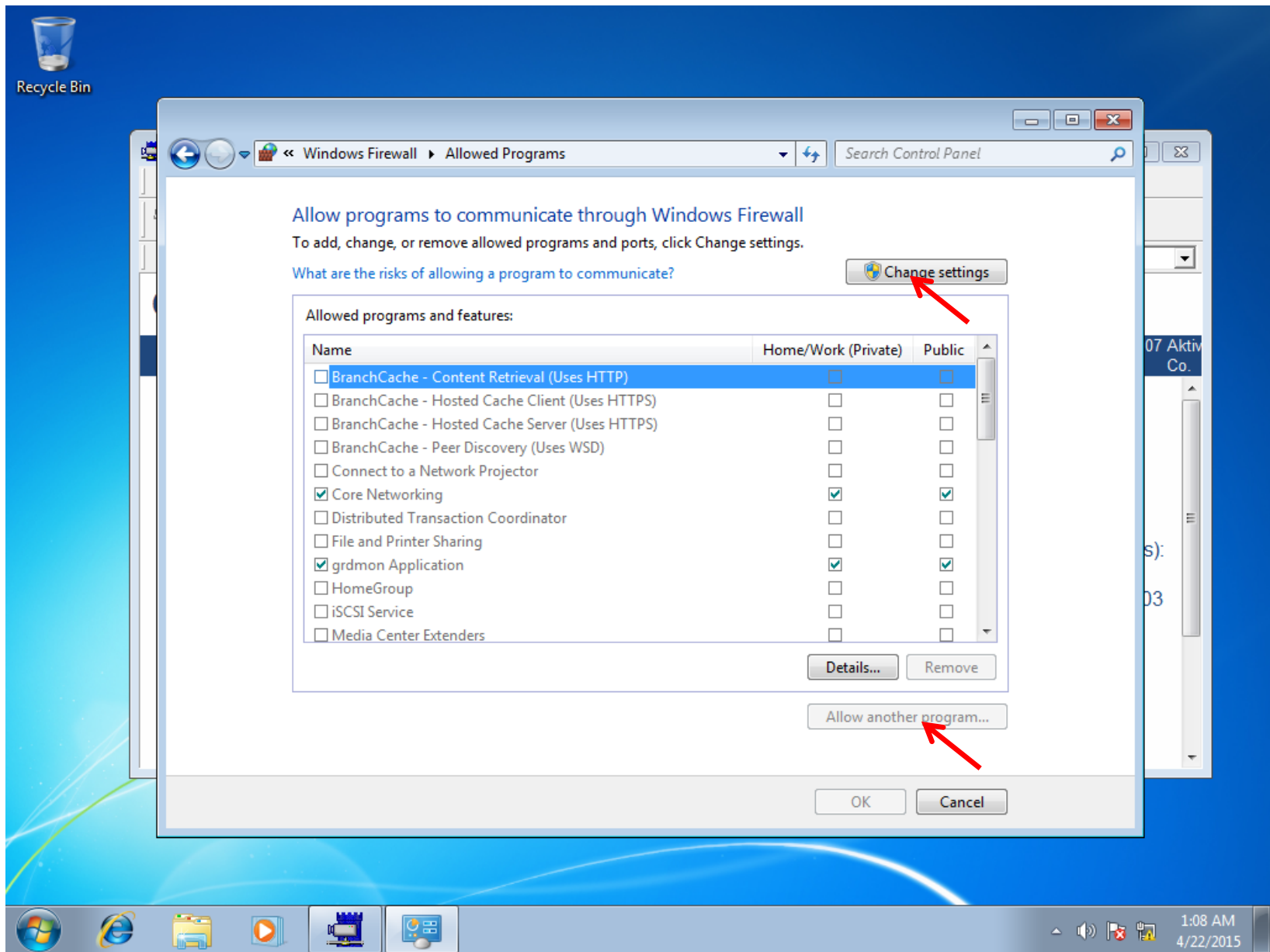
Go to System and Security Settings



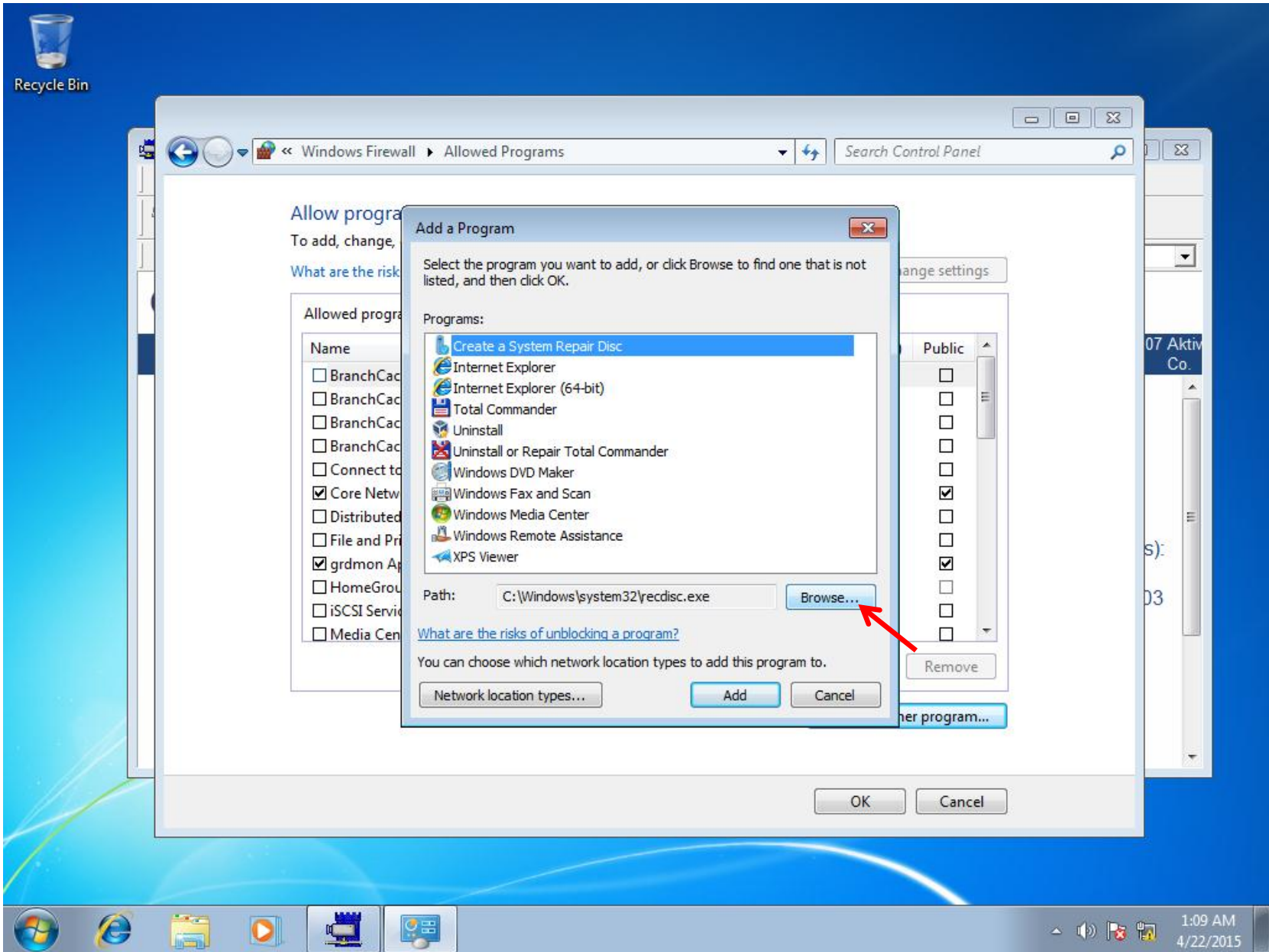
Windows Firewall Settings



Select "Allow a program or feature through Windows Firewall"

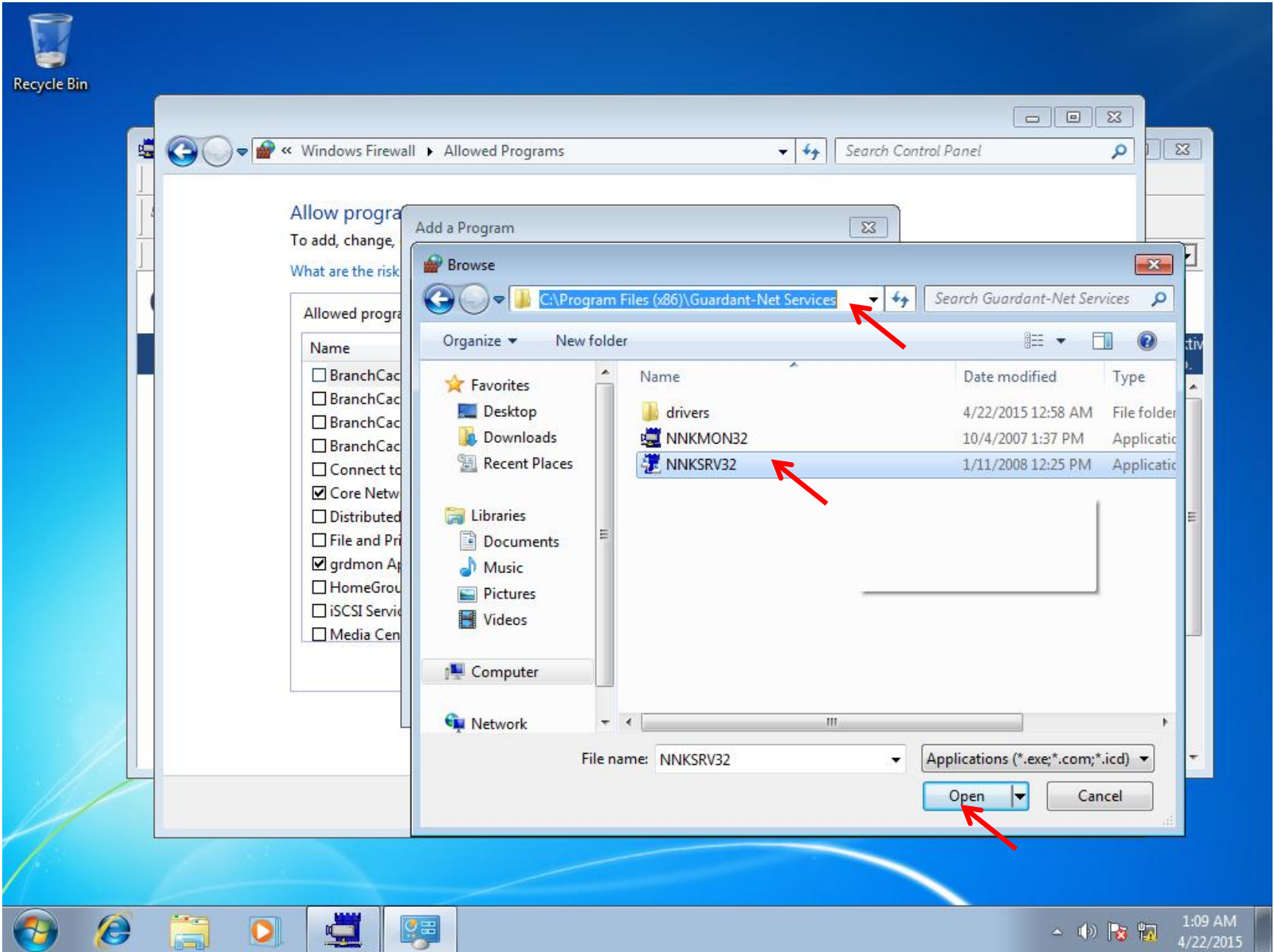


Select "Change Settings", then "Add another program"

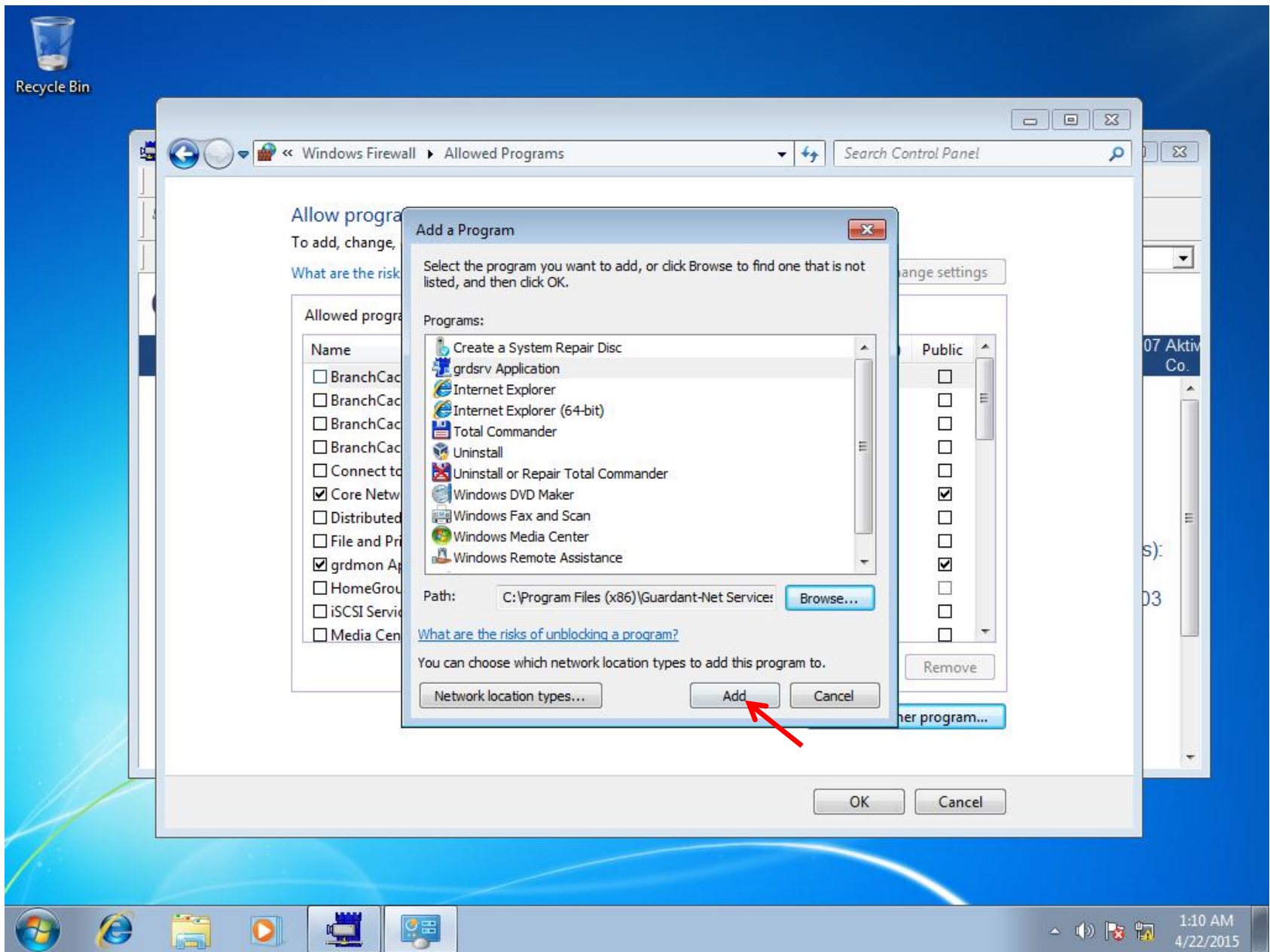


Select "Browse..."

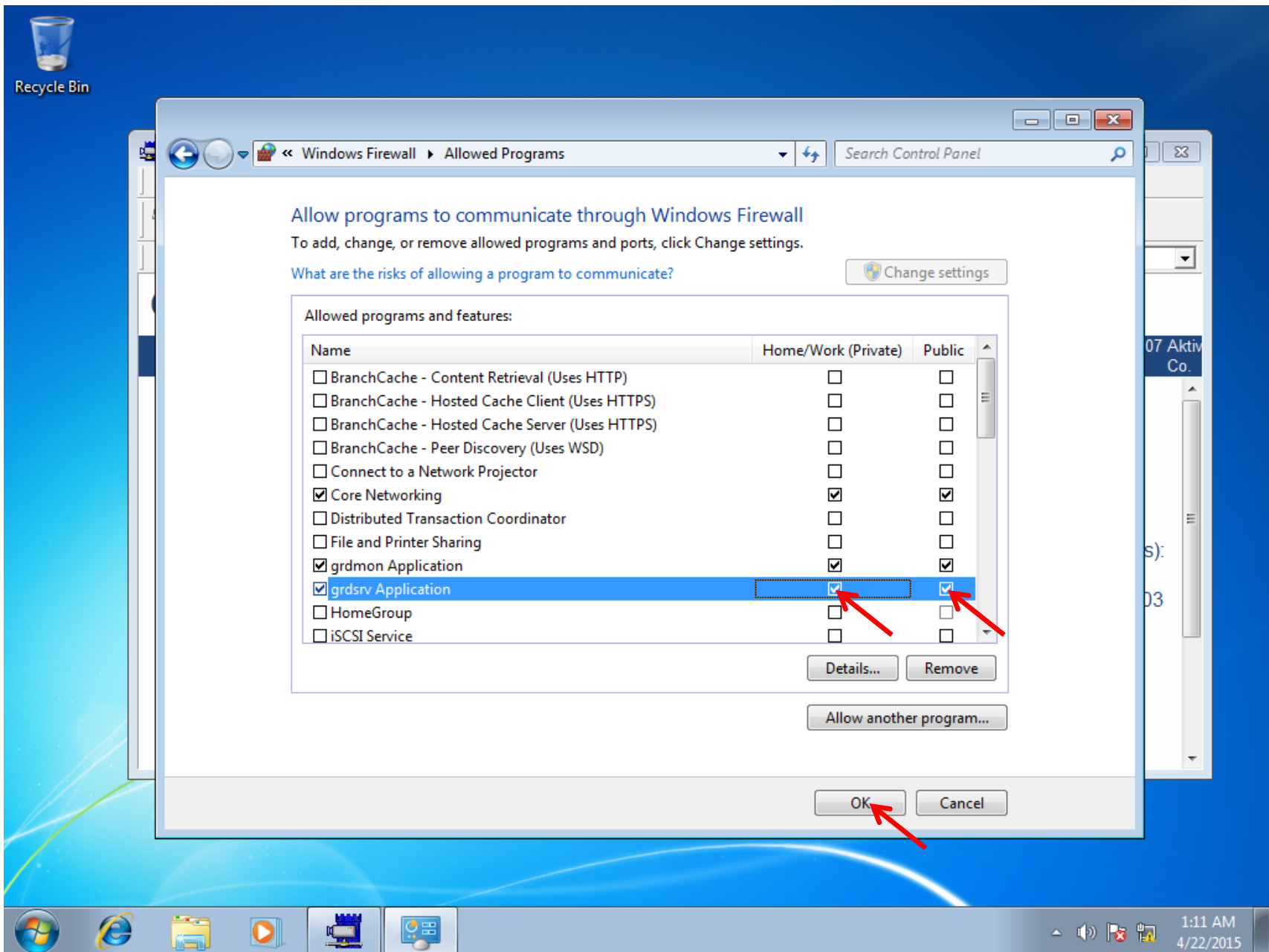




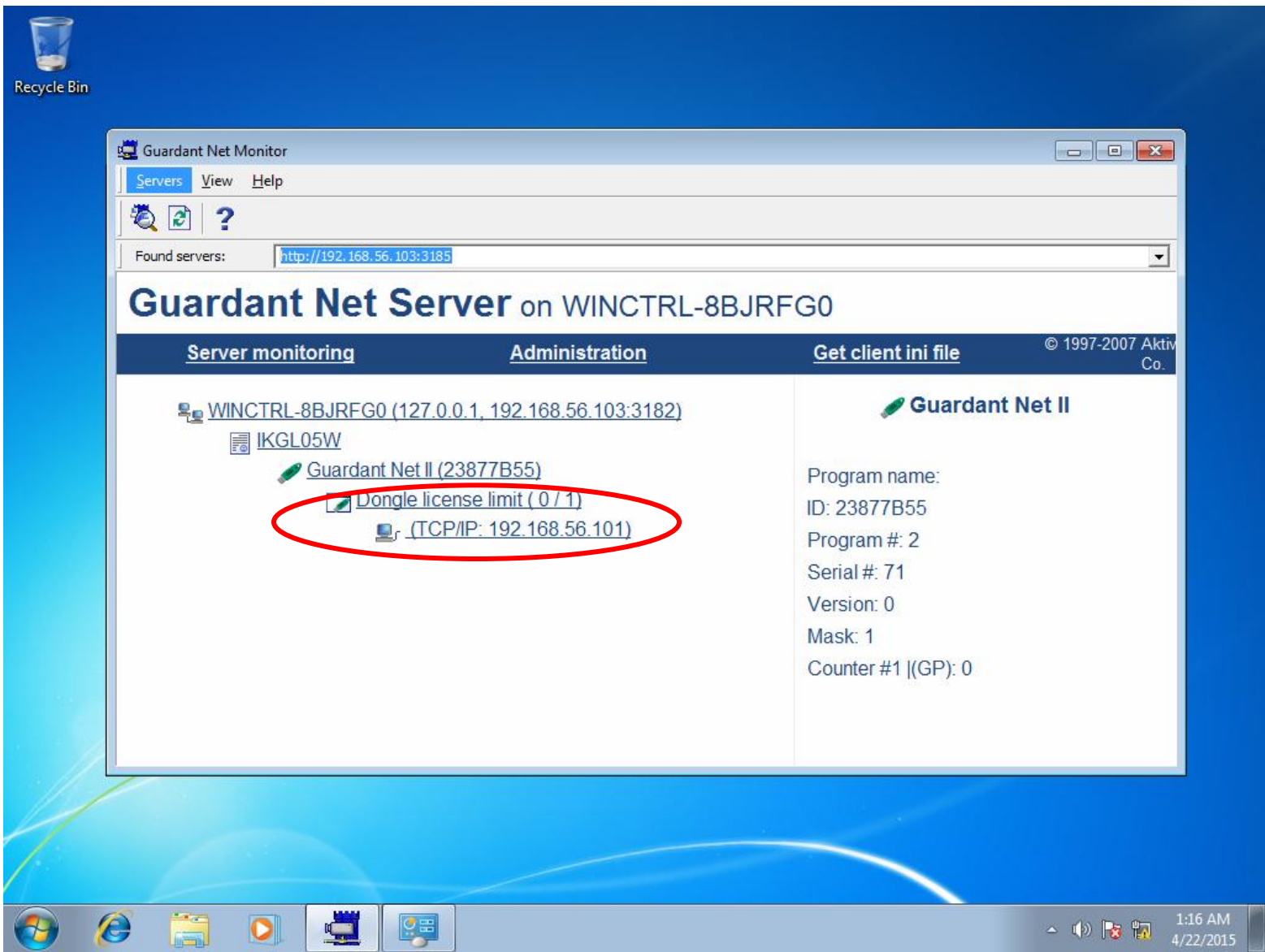
Go to Guardant network service path and select “NNKSRV32.exe” file



Click "Add"



Check both Private and Public networks, then click "OK"

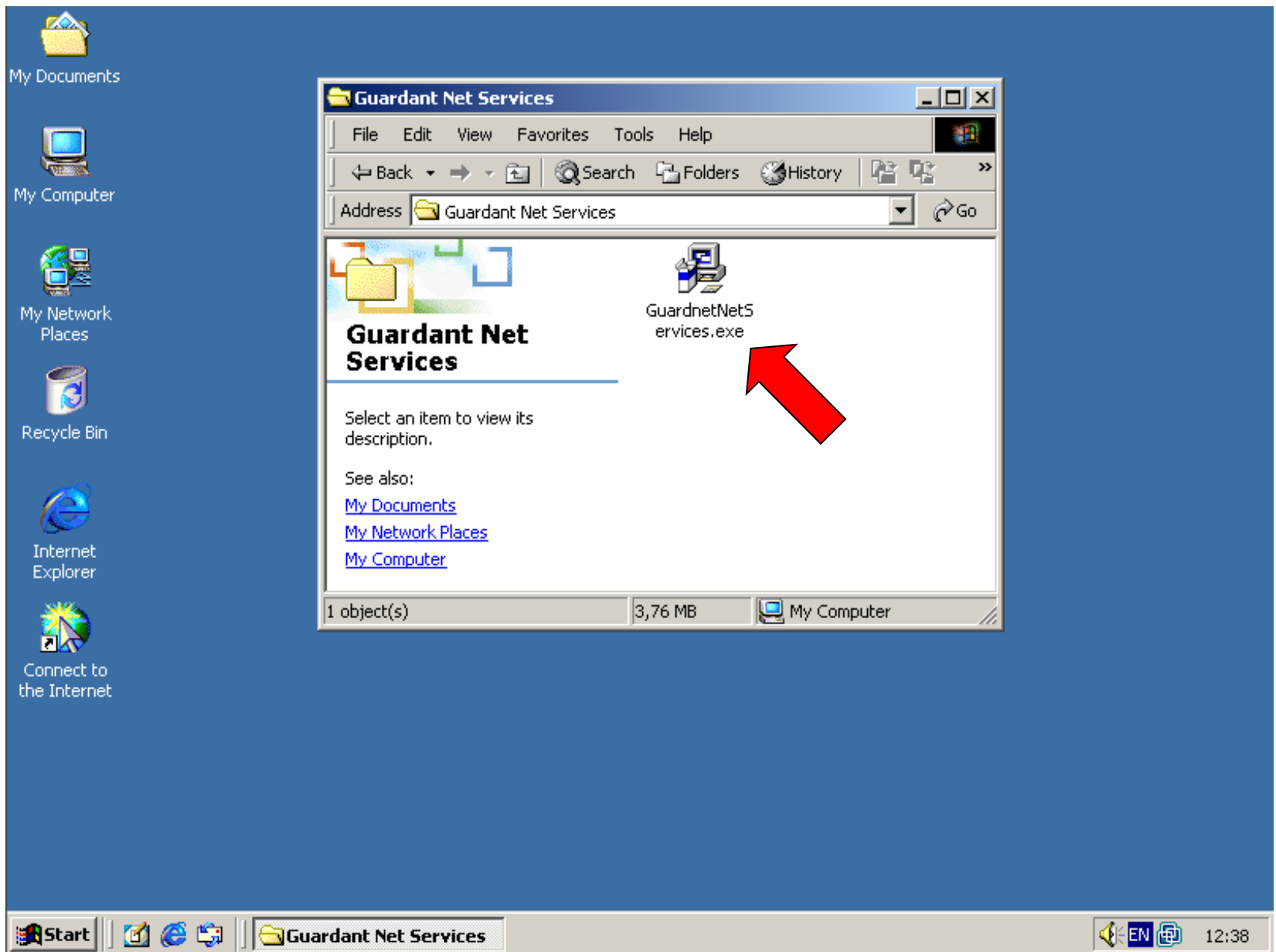


If successful, users will be able to acquire licenses from the service

That's all.  
Thank you!

Install  
Network Service  
for Tesseral Network USB keys  
on Windows XP, Vista or Server  
2003

for Windows 7 or newer go to [here](#)

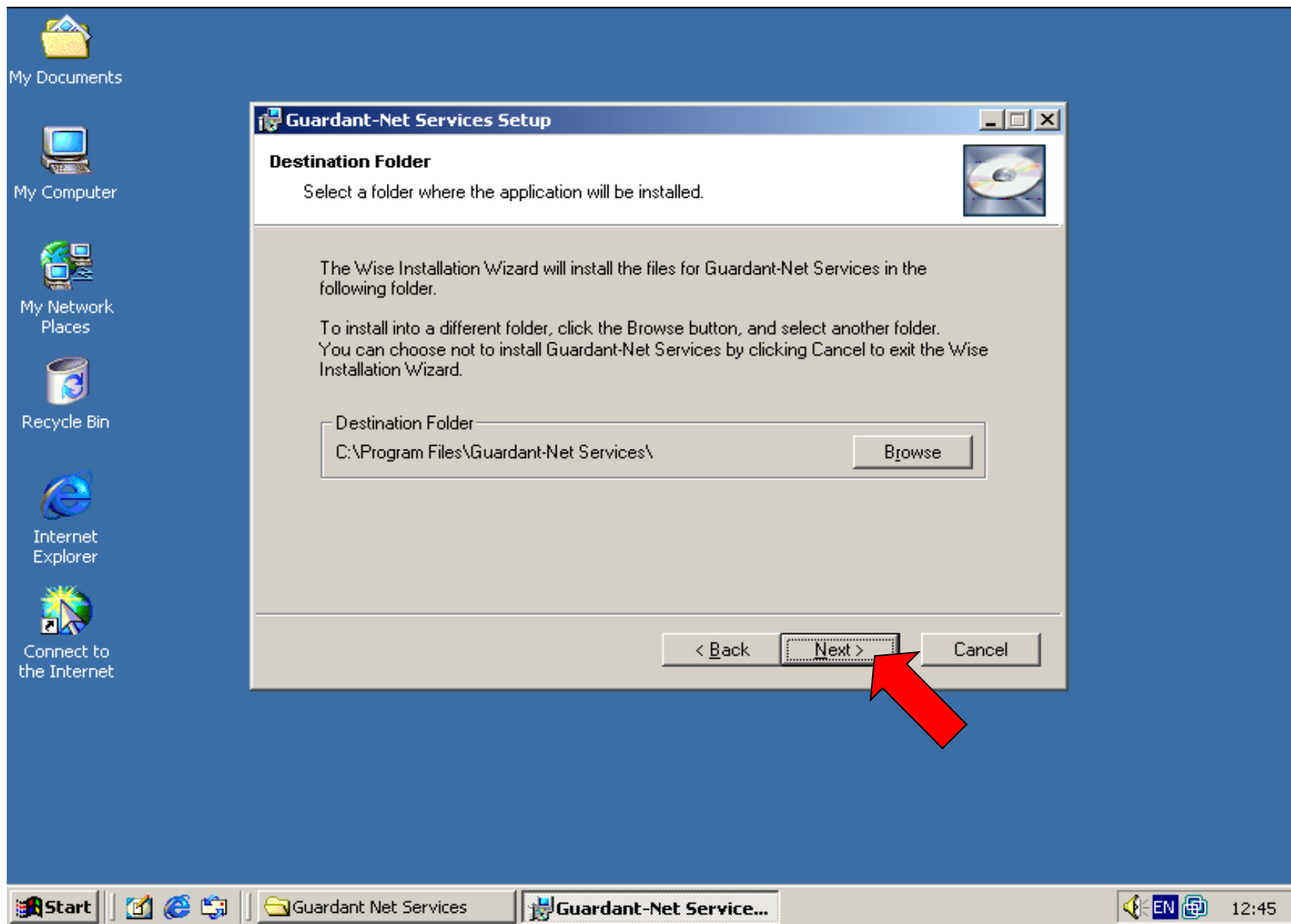


Run **GuardantNetServices.exe** on server computer

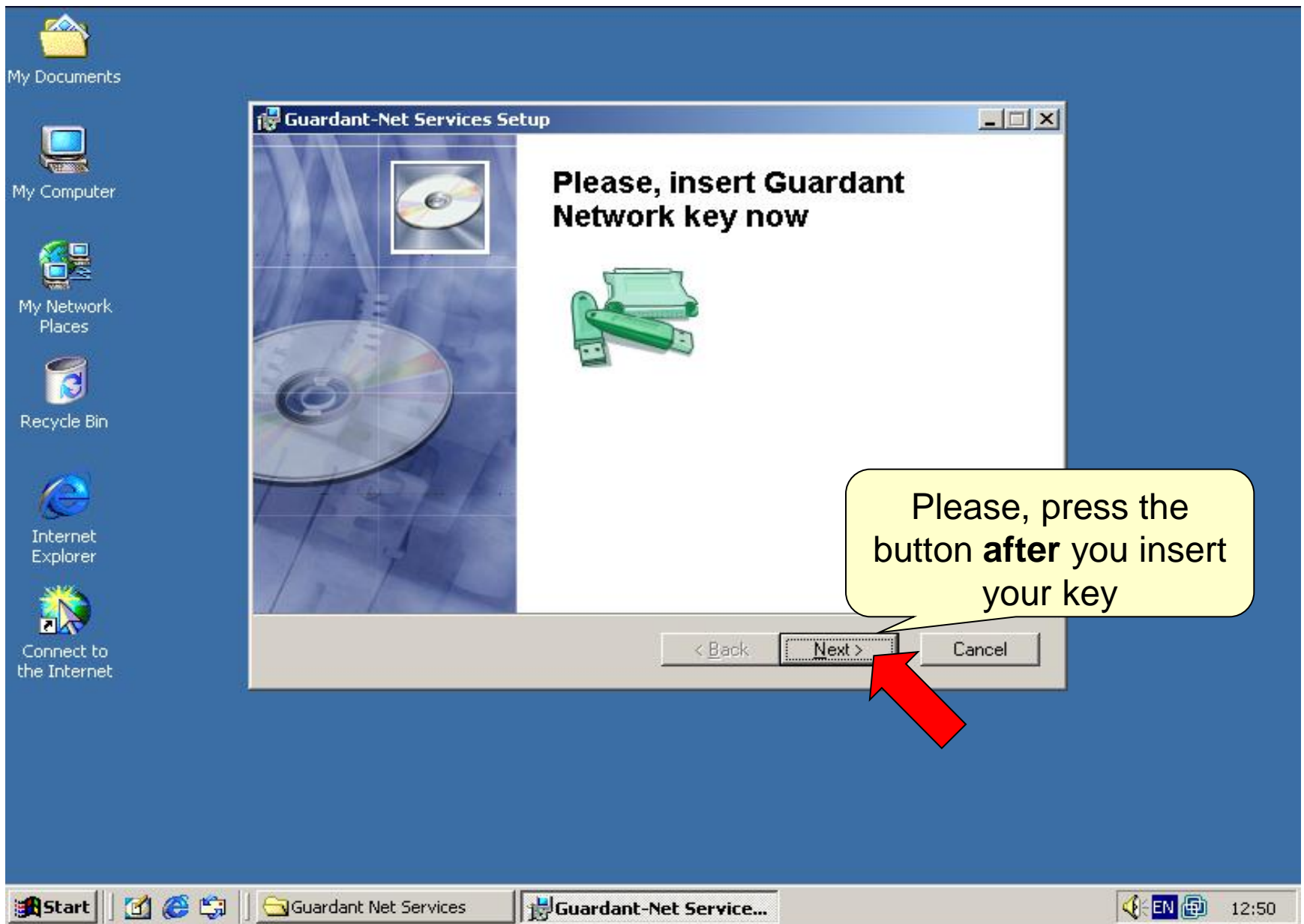


Click **Next >**

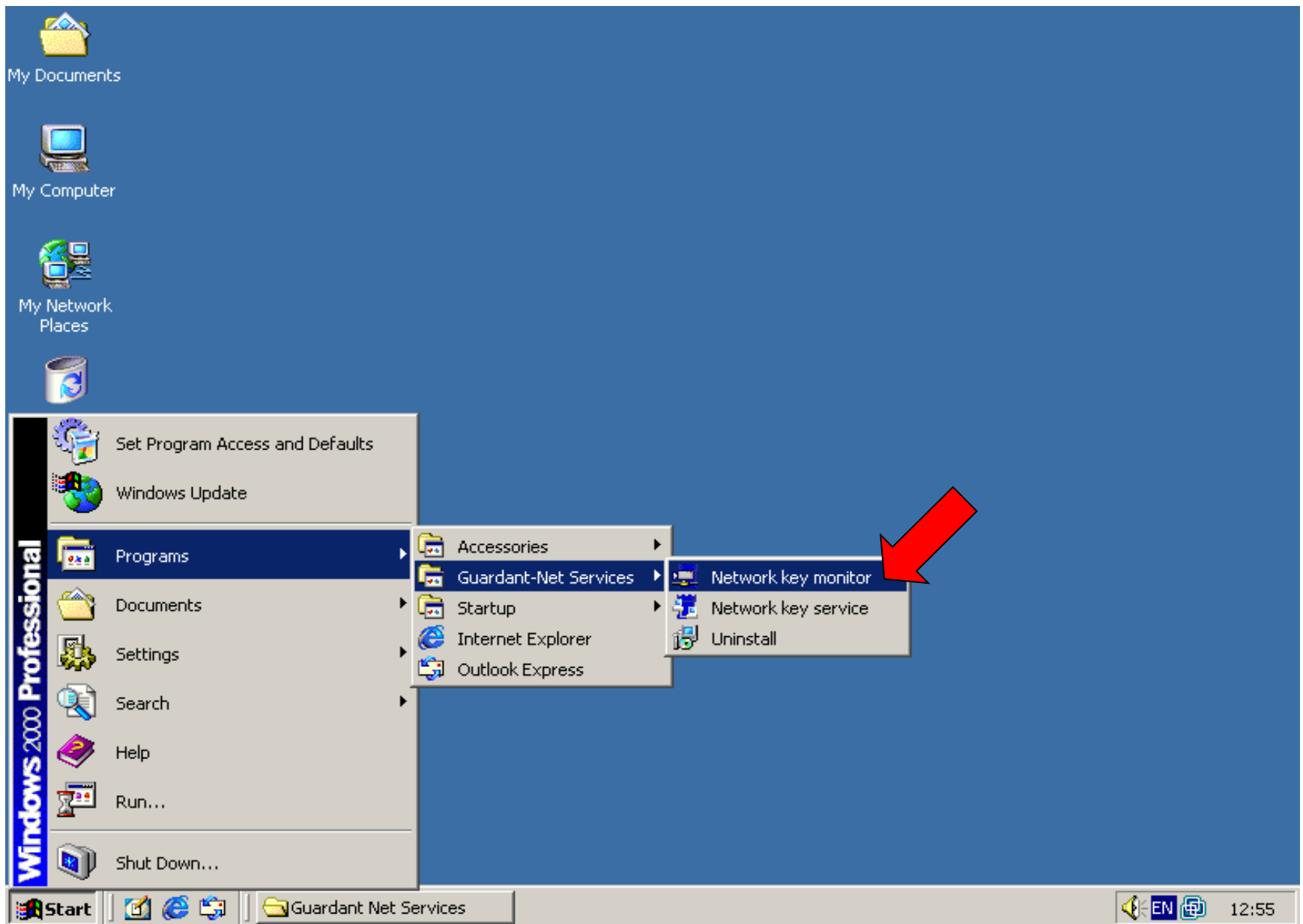




Select destination directory and press **Next >**



Insert your USB key and then press **Next >**



You may run “Network key monitor” to check is your key is working properly

The screenshot shows the Guardant Net Monitor web interface. At the top, there is a menu bar with 'Servers', 'View', and 'Help'. Below the menu bar, there is a search bar labeled 'Found servers:' containing the URL 'http://192.168.0.2:3185'. The main content area is divided into two columns. The left column shows a list of servers, with 'SERVER (127.0.0.1, 192.168.0.2:3182)' selected. Below this, there are links for 'IKGL05W' and 'Guardant Net II (22B8818D)'. The right column shows the configuration details for the selected server, titled 'Guardant Net Server'. The 'Host name' is 'SERVER', which is circled in red. Other configuration details include 'Data send timeout (1..120 seconds): 20', 'Data receive timeout (1..120 seconds): 20', 'IP address: 127.0.0.1, 192.168.0.2', 'TCP/IP port: 3182', 'UDP port for incoming datagrams: 3183', 'UDP port for outgoing datagrams: 3184', 'Dongle cache enabled: Yes', 'Use LPT dongles: Yes', 'Dongle lock timeout (1..600 seconds): 60', 'Lifetime of inactive sessions (1..49 days): 1', and 'Web page update period (seconds): 30'. A yellow callout bubble points to the 'Host name' field with the text 'Please, remember the Host Name and IP!'. Another yellow callout bubble points to the 'Guardant Net II (22B8818D)' link with the text 'This is information about your key'.

Guardant Net Monitor

Servers View Help

Found servers:

# Guardant Net Server

Server monitoring Administration Client ini file © 1997-2007 Aktiv Co.

[SERVER \(127.0.0.1, 192.168.0.2:3182\)](#)

[IKGL05W](#)

[Guardant Net II \(22B8818D\)](#)

## Guardant Net Server

Host name: **SERVER**

Data send timeout (1..120 seconds): 20

Data receive timeout (1..120 seconds): 20

IP address: 127.0.0.1, 192.168.0.2

TCP/IP port: 3182

UDP port for incoming datagrams: 3183

UDP port for outgoing datagrams: 3184

Dongle cache enabled: Yes

Use LPT dongles: Yes

Dongle lock timeout (1..600 seconds): 60

Lifetime of inactive sessions (1..49 days): 1

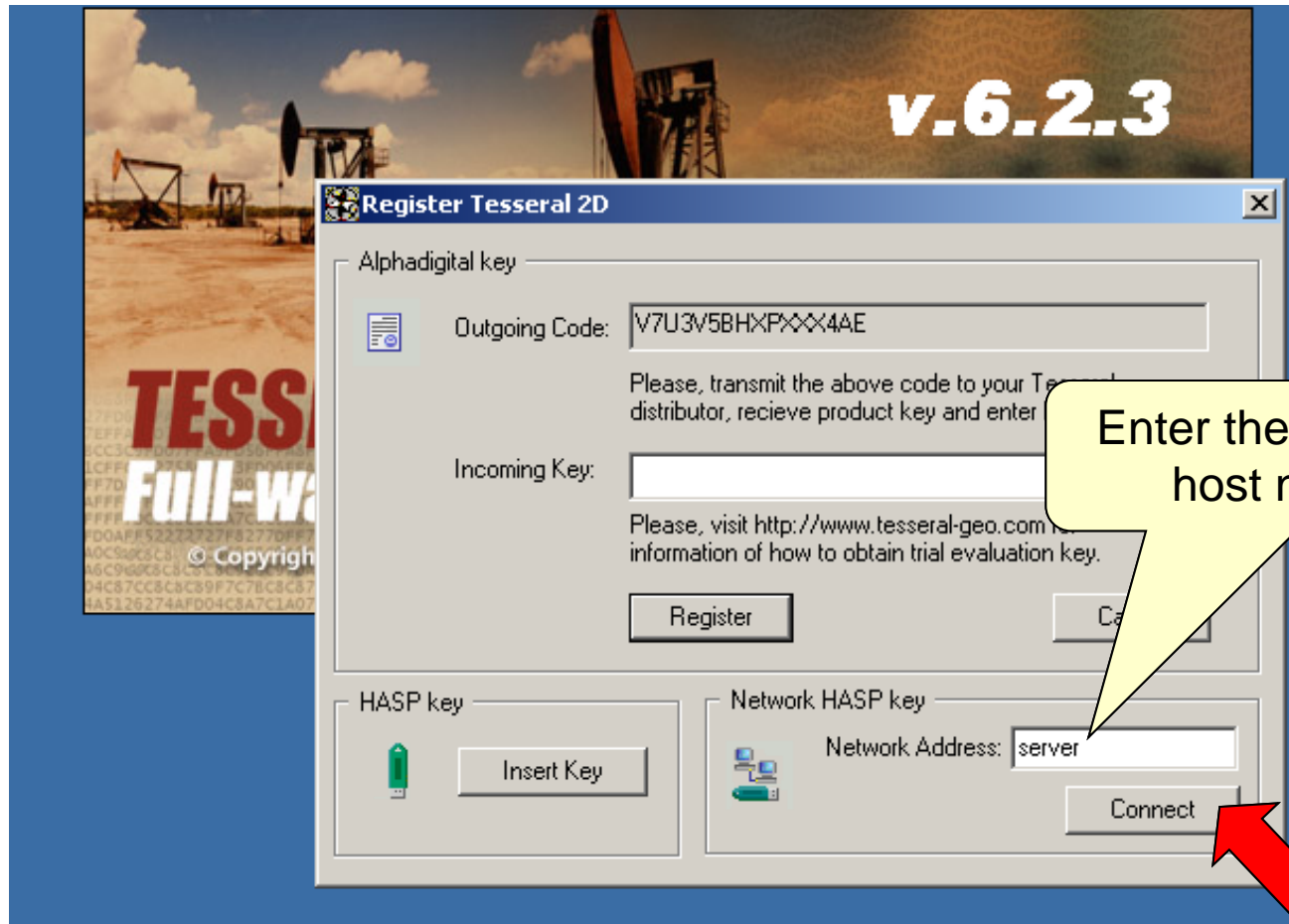
Web page update period (seconds): 30

This is information about your key

Please, remember the Host Name and IP!

The "Host Name"

# On a workseat when registering Tesseract-2D and/or Tesseract Pro



To use Remote USB key enter the license server Host Name or IP in the Tesseract registration dialog and press **“Connect”**

# Troubleshooting

Read only if you encounter problems

# System Requirements

- Server
  - Windows XP, Vista, 2003 Server or newer
  - Connection to common domain or workgroup via a local network or VPN
  - USB 2.0 Port
- Client
  - Windows XP, Vista , 2003 Server or newer
  - Connection to common domain or workgroup via a local network or VPN
  - Tesseral 2D and/or Tesseral Pro installed

# Technical information

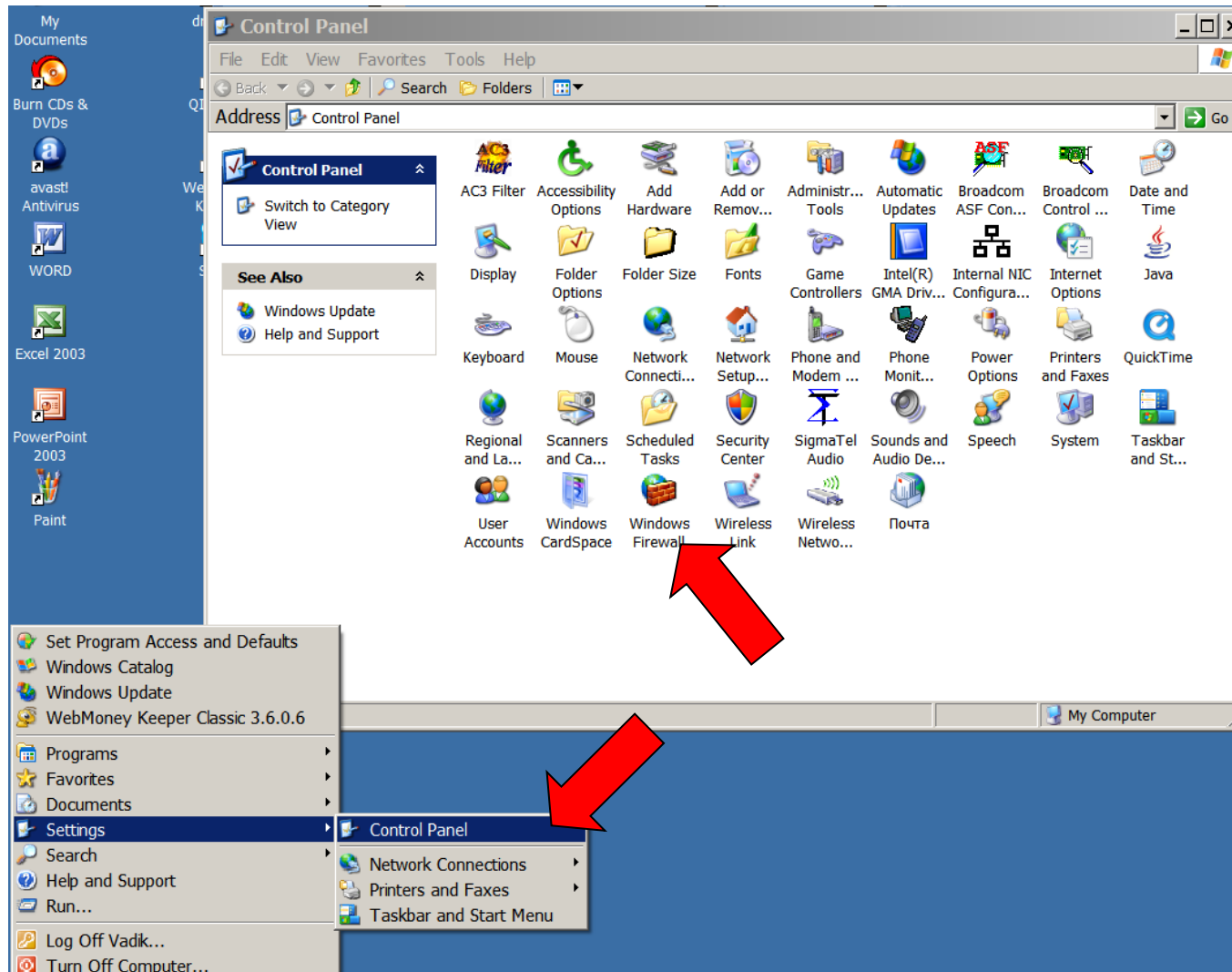
for system administrators

- Guardant Network Service use following TCP/IP ports (both ingoing and outgoing):
  - 3182/TCP
  - 3183/UDP
  - 3184/UDP
- Configuration files for advanced settings
  - For server: NNKSRV32.INI  
(in Guardant Net Services directory)
  - For client: GNCLIENT.INI  
(In Tesseral Directory)



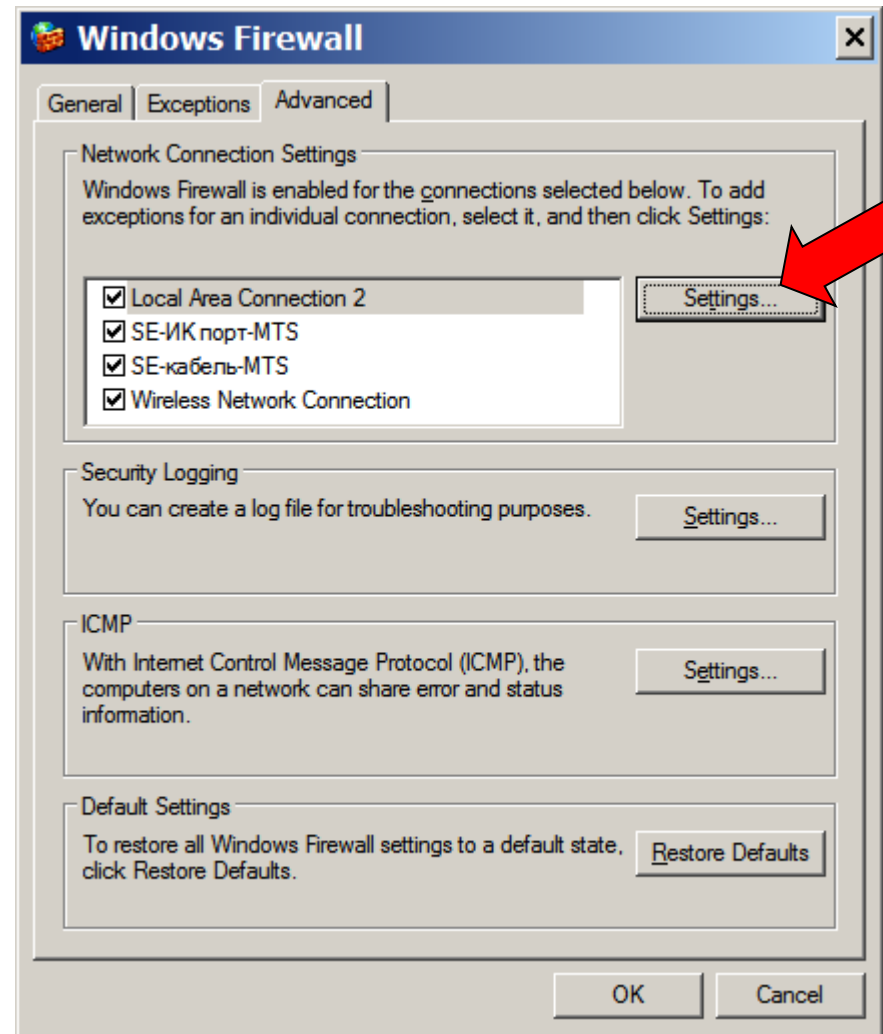
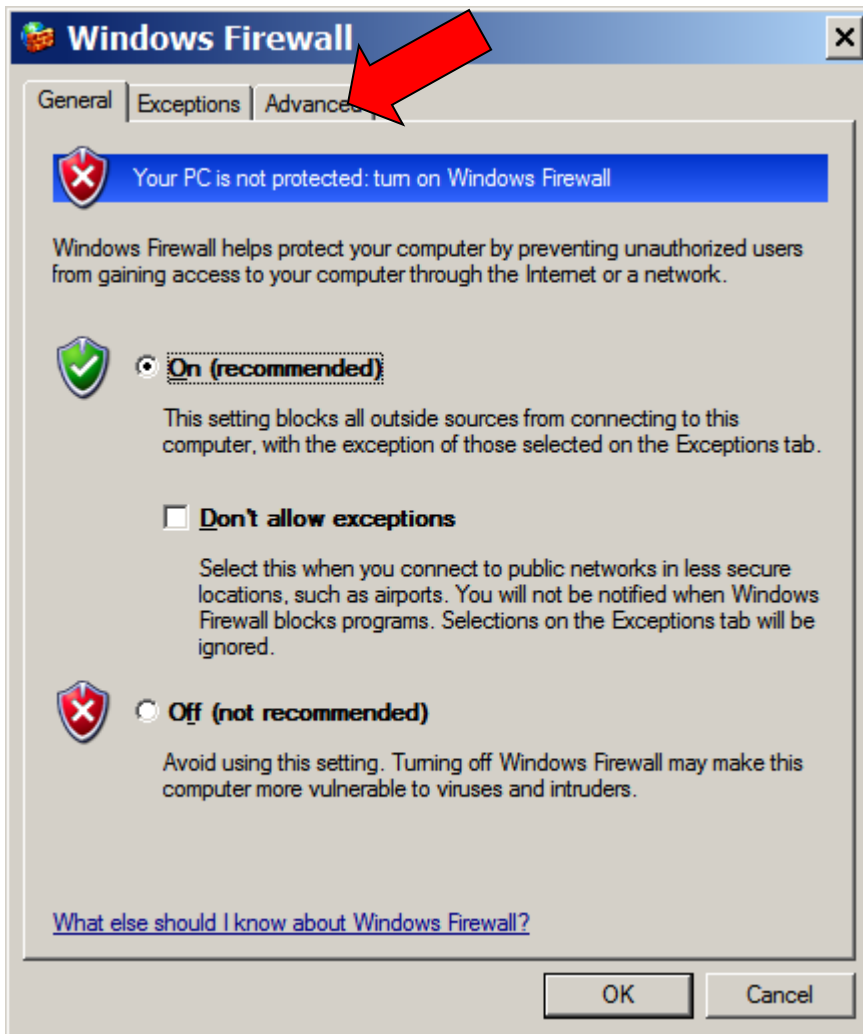
# Setting up the Firewall

## for system administrators



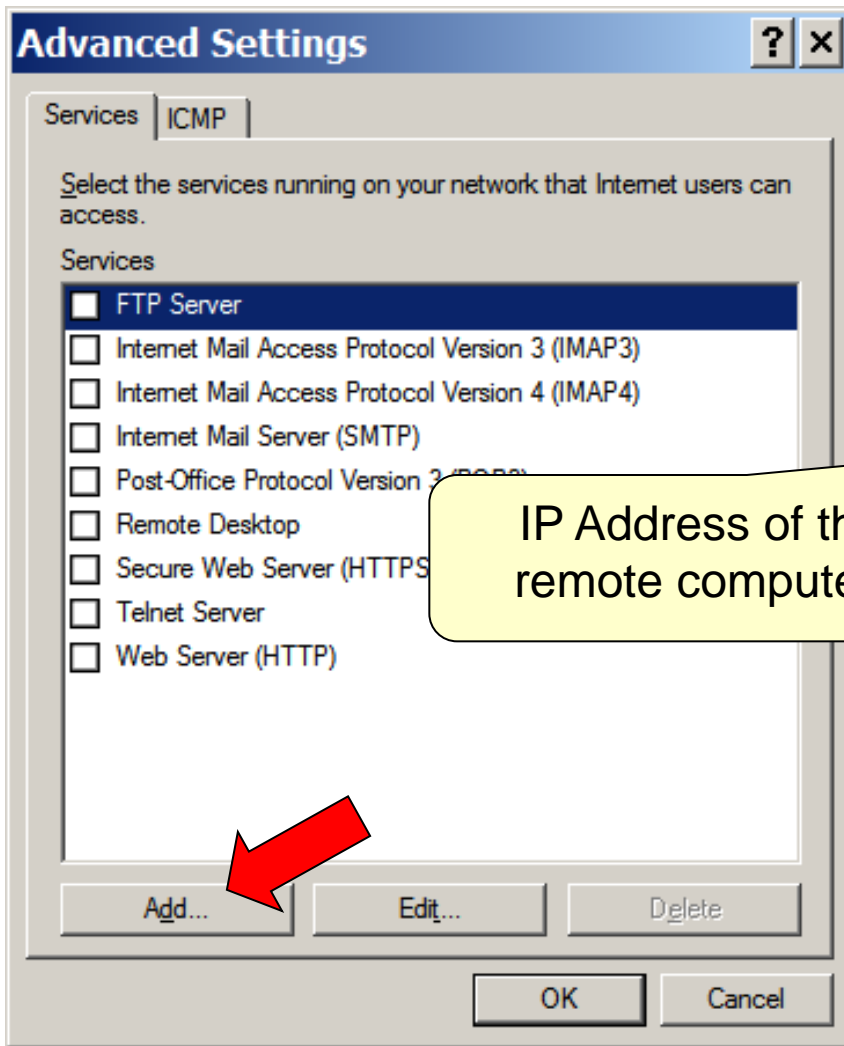
Open **Start->Settings->Control Panel** then **Windows Firewall**

# Setting up the Firewall

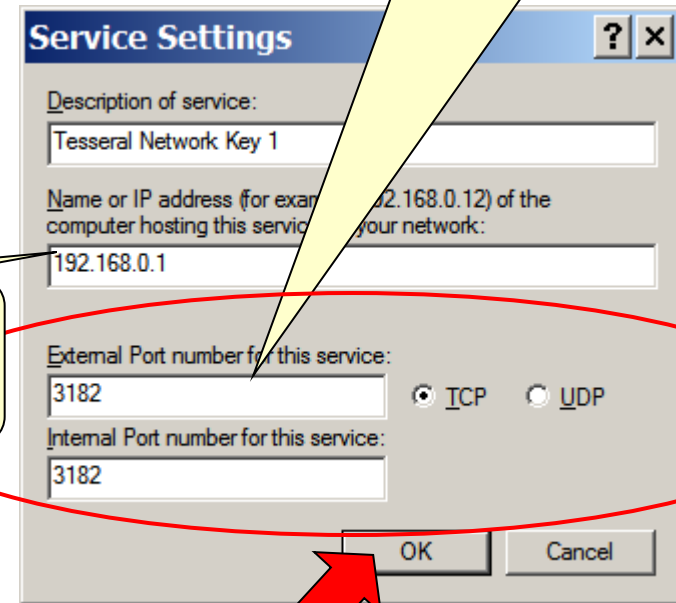


Click **“Advanced”** tab then **“Settings”** button

# Setting up the Firewall



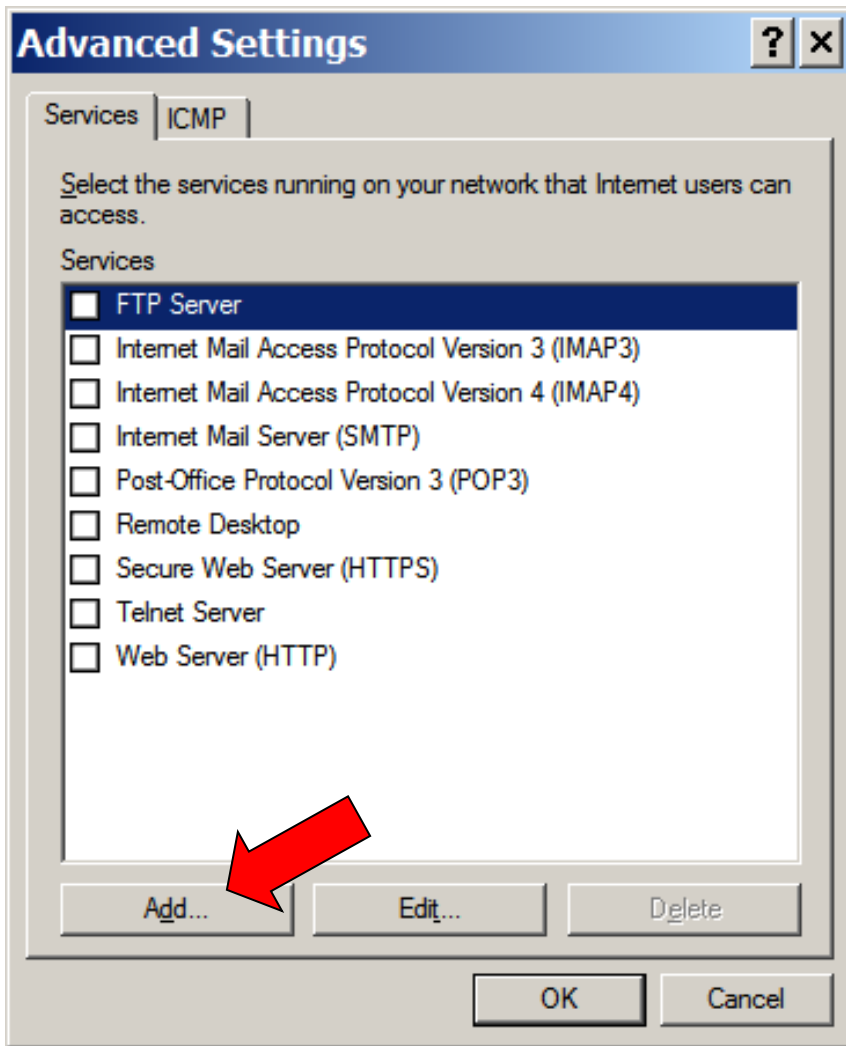
IP Address of the remote computer!



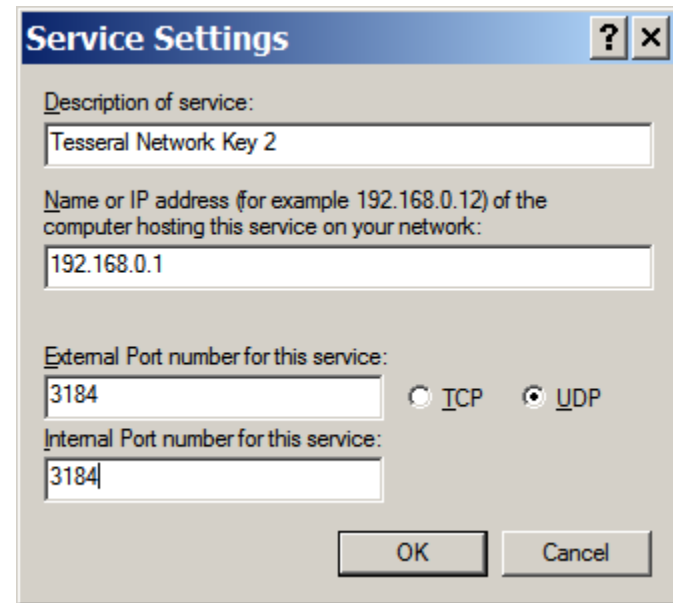
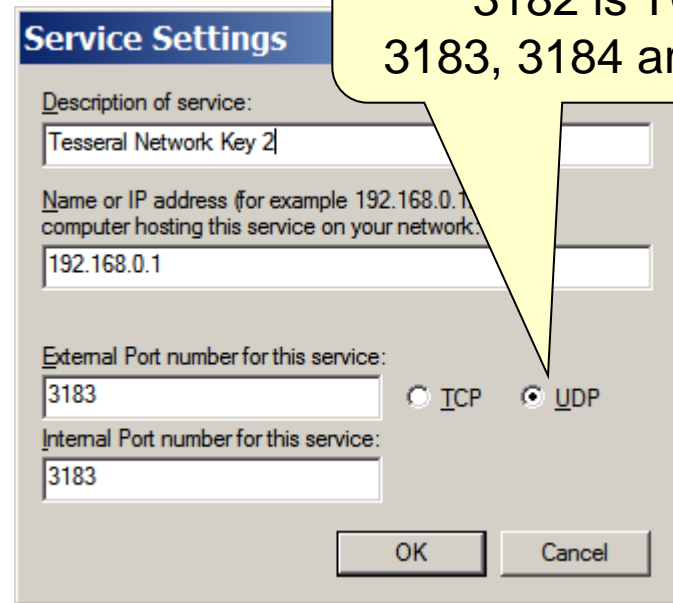
Settings from "Technical Information" section!

Click **"Add"**, then enter connection data for **"3182"** port, then click **"OK"**

# Setting up the Firewall



Note:  
3182 is TCP,  
3183, 3184 are UDP!

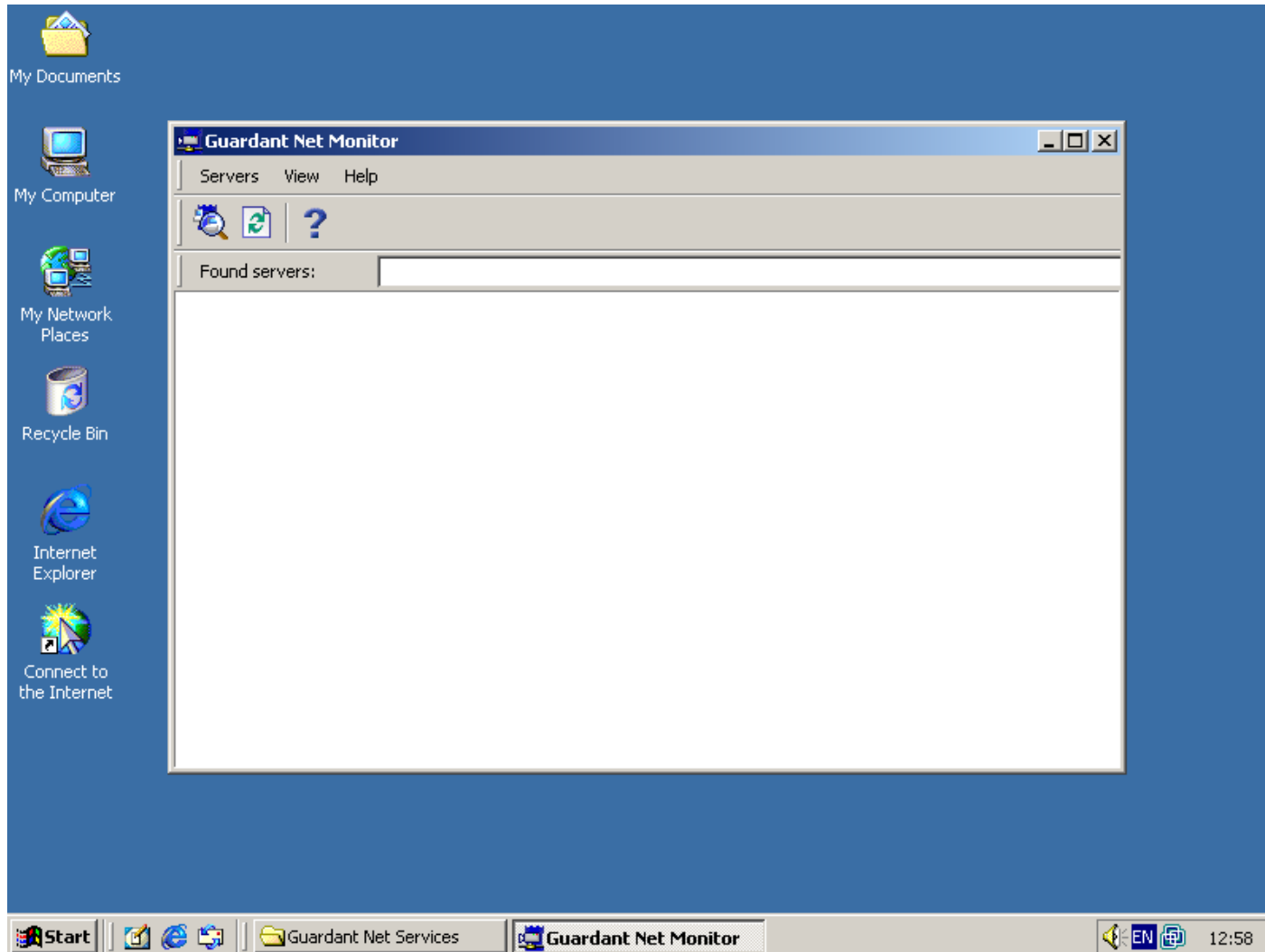


Repeat for “3183” and “3184” ports.

# Troubleshooting

## problem 1

- **Q:** Network key monitor shows “blank” window



# Troubleshooting

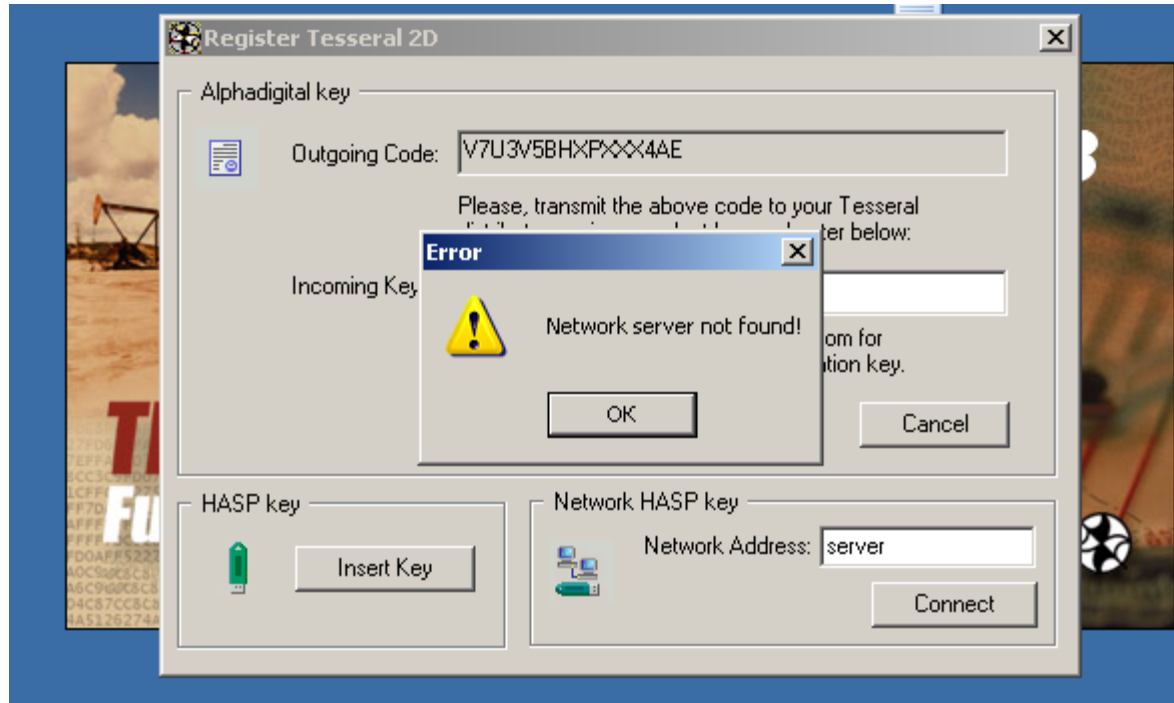
## problem 1

- **A:** Please, try following:
  - Check if green indicator in the USB key is lighten. If not, please, download and install latest drivers by following link:
  - Try to reboot your server
  - Check your firewall (see Setting Up Firewall on Server section)

# Troubleshooting

## problem 2

- **Q:** Tesseral 2D/Pro does not “see” the network key



# Troubleshooting

## problem 2

- **A:** Please, try following:
  - Check your firewall (see Setting Up Firewall on Server section)
  - Check the configuration in gnlient.ini file in Tesseral program directory



That's all.  
Thank you!