



MarineTraffic

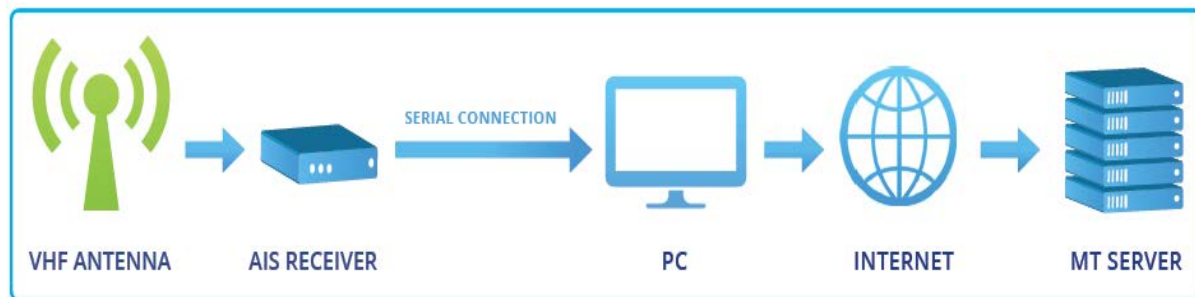
AIS LOGGER

HOW TO SET-UP FOR USE WITH AN AIS RECEIVER WITH SERIAL OUTPUT AND SHARE DATA WITH MARINETRAFFIC

If you own an AIS receiver with a serial data output and you wish to share your data with **MarineTraffic**, you will need an AIS-data forwarding utility such as **AIS Logger**. The advantage of this particular utility is that it runs as a service whenever you start your computer which is ideal for “headless” (dedicated) installations.

You will also need a PC with RS232 and ethernet ports, XP or newer OS and a stable internet connection.

- The first step is to connect your Receiver to your PC using a standard serial cable. Make sure your COM port is configured as 38400,8,N,1 no flow control and your PC has access to the internet. Your equipment should be set-up as shown below:



- Next download AIS Logger from here:
<http://www.marinetraffic.com/files/AisServiceSetup.zip>

Note:

The following steps are applicable to all Windows versions (from XP and onwards). However, users of Vista / 7, should make sure they follow the extra steps in the notes as described below.

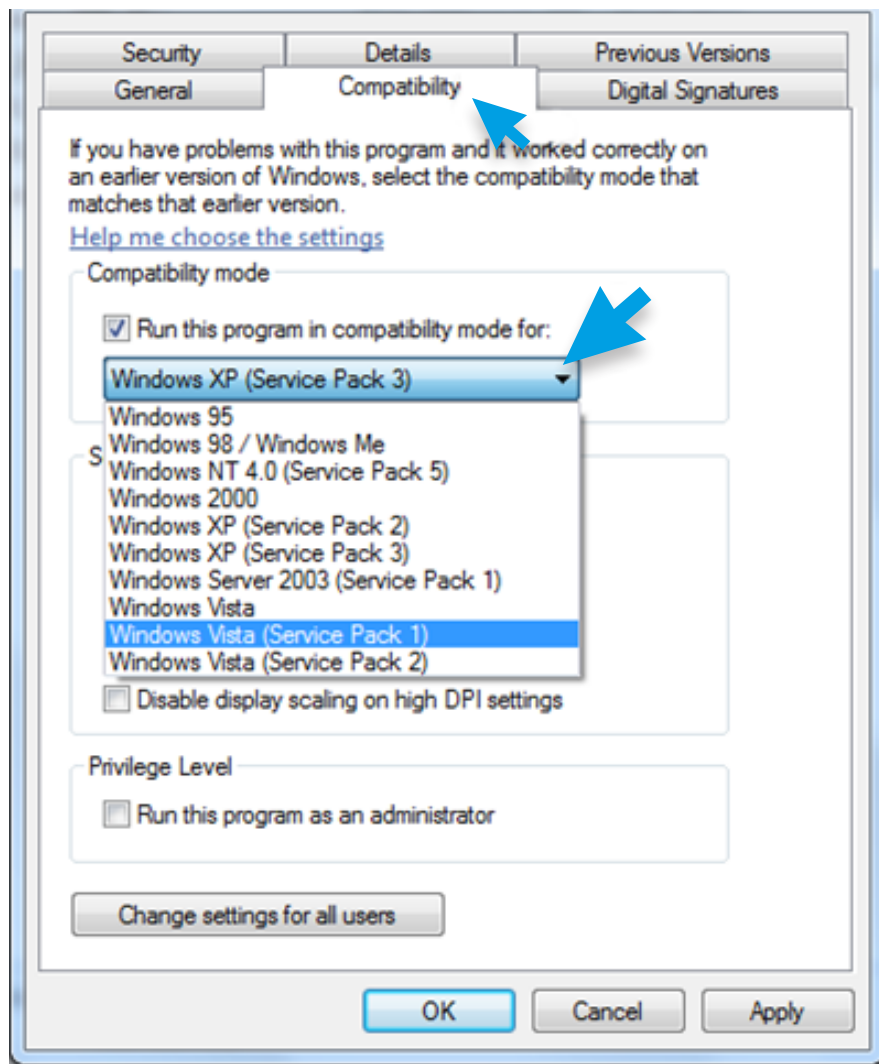
- Unzip the tool and place the folder on your Desktop.
- Make sure Microsoft .NET Framework 2.0 or later is installed.

Note for Vista / 7 users:

Make sure you **disable the Aero UI** and use the Windows Classic Theme.

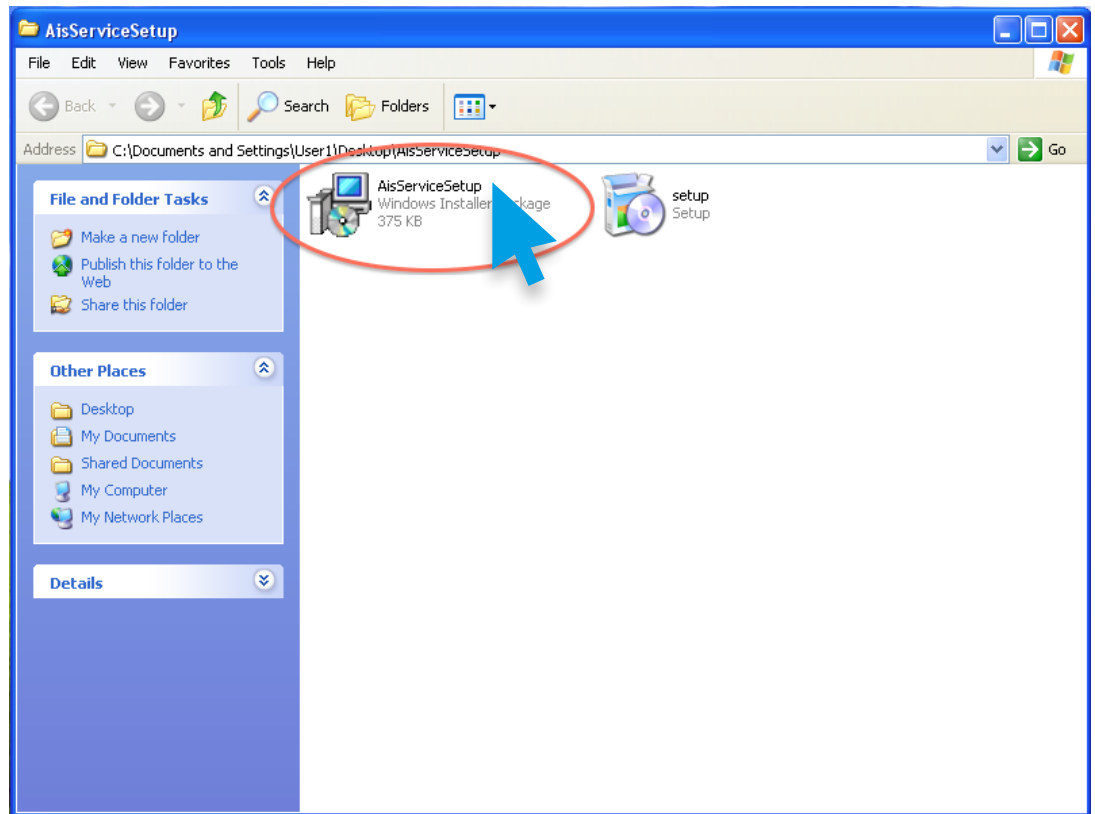
Open the **AisServiceSetup** folder, right-click on the **AisServiceSetup.msi** file and click on **Properties**.

On the **Compatibility** tab, check the "**Run this program in compatibility mode for**" option and select **Windows XP (Service Pack 3)** from the drop-down menu as shown below:

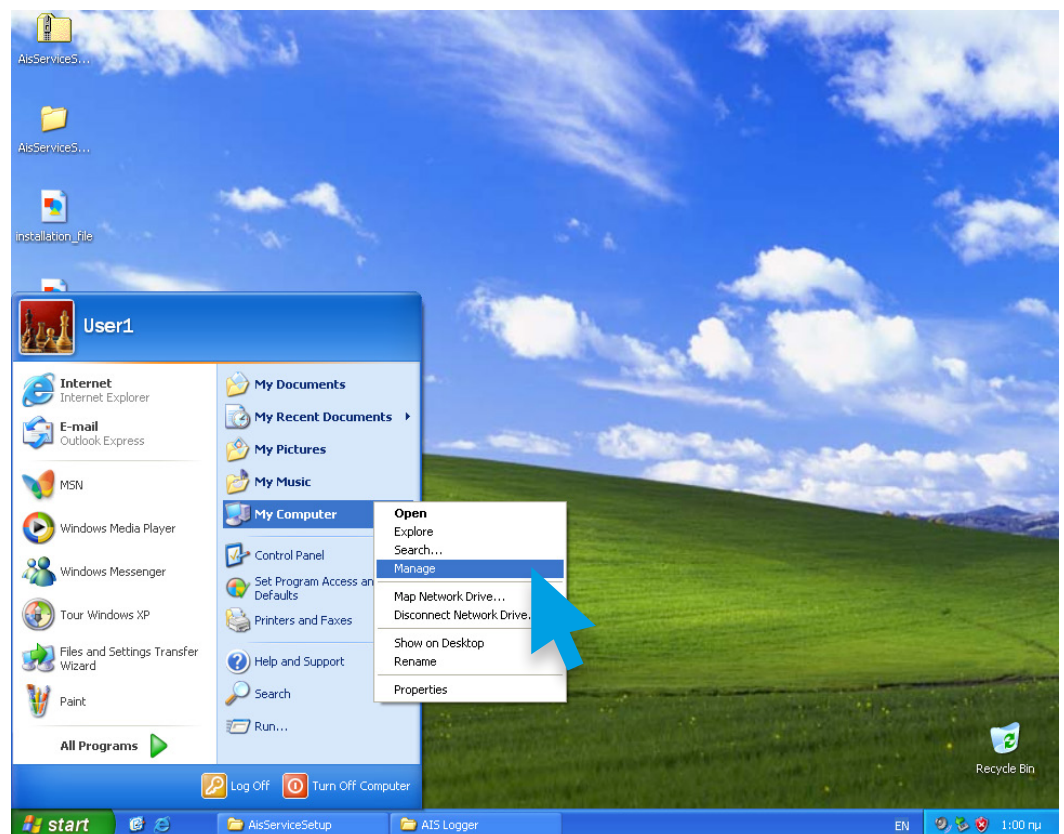


Click **Apply** and then **OK**.

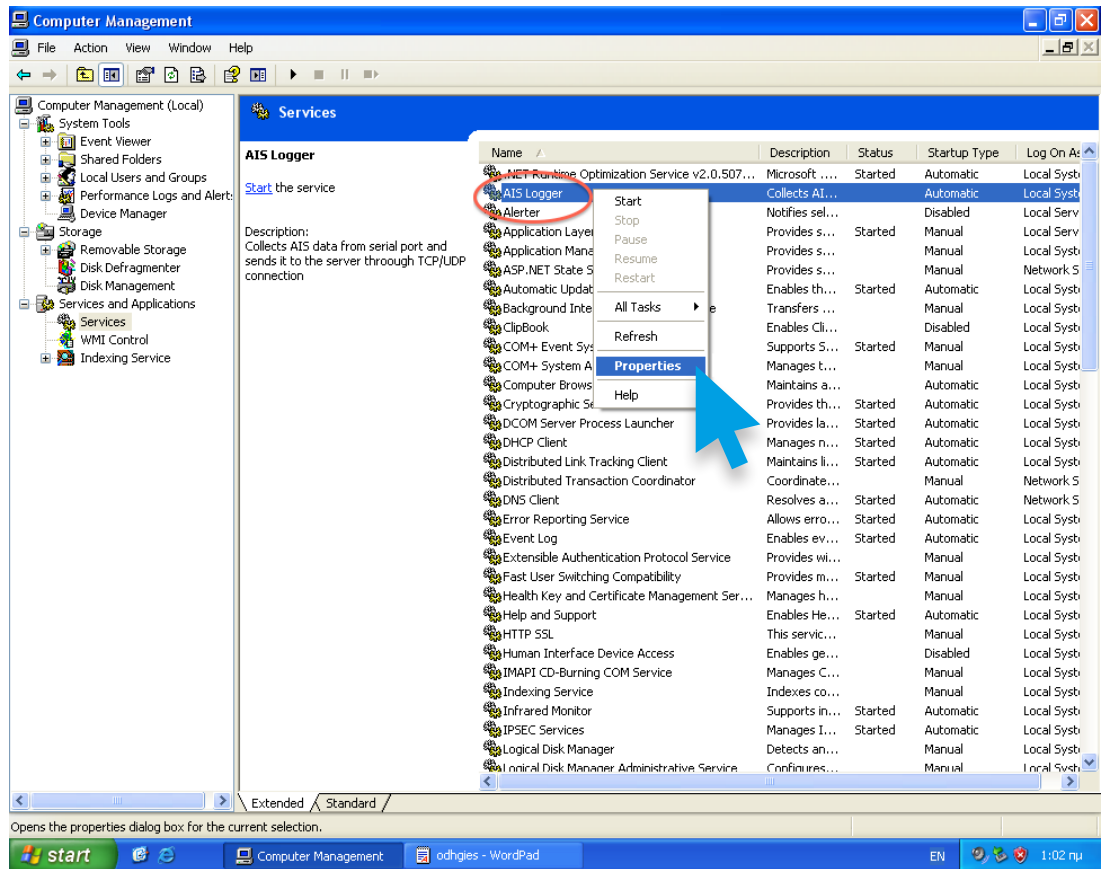
- Double-click on the **AisServiceSetup.msi** file to start up the program installer.



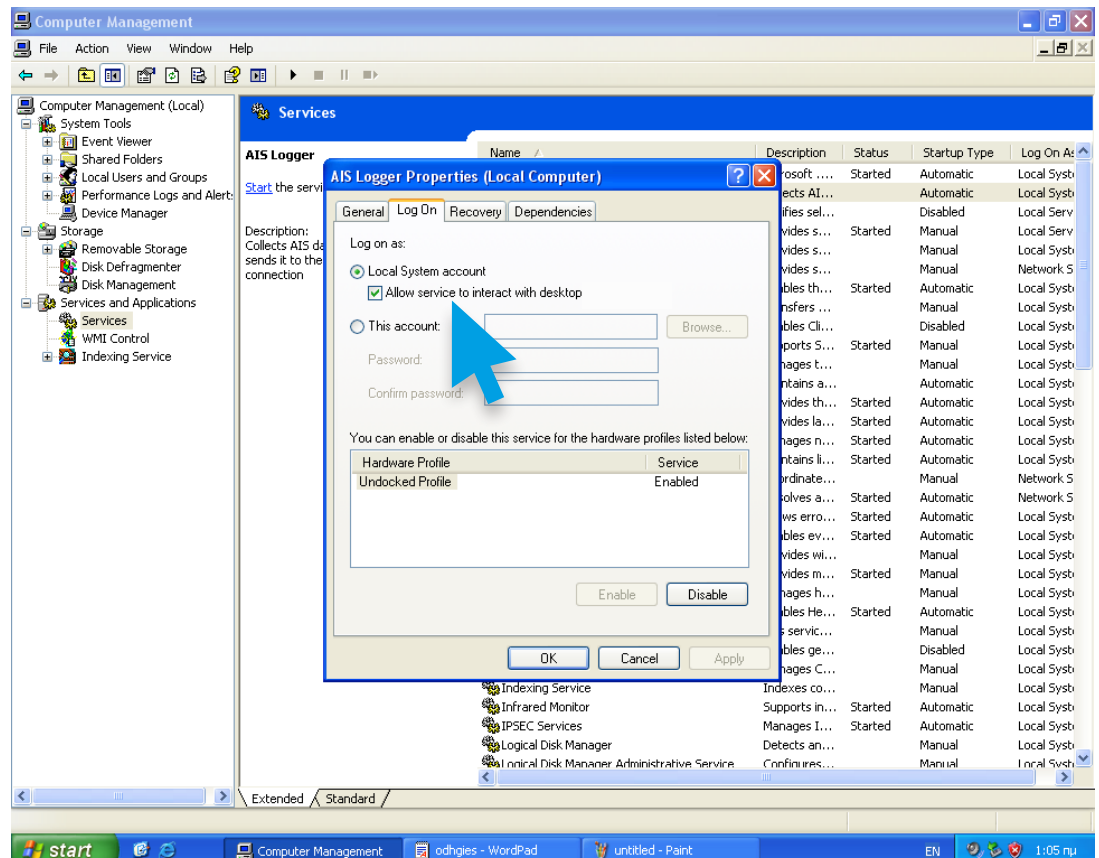
- The installation will start. Follow the prompts to complete the procedure.
- Next, on the **Start** menu, right click on the **My Computer** icon. Click on **Manage**:



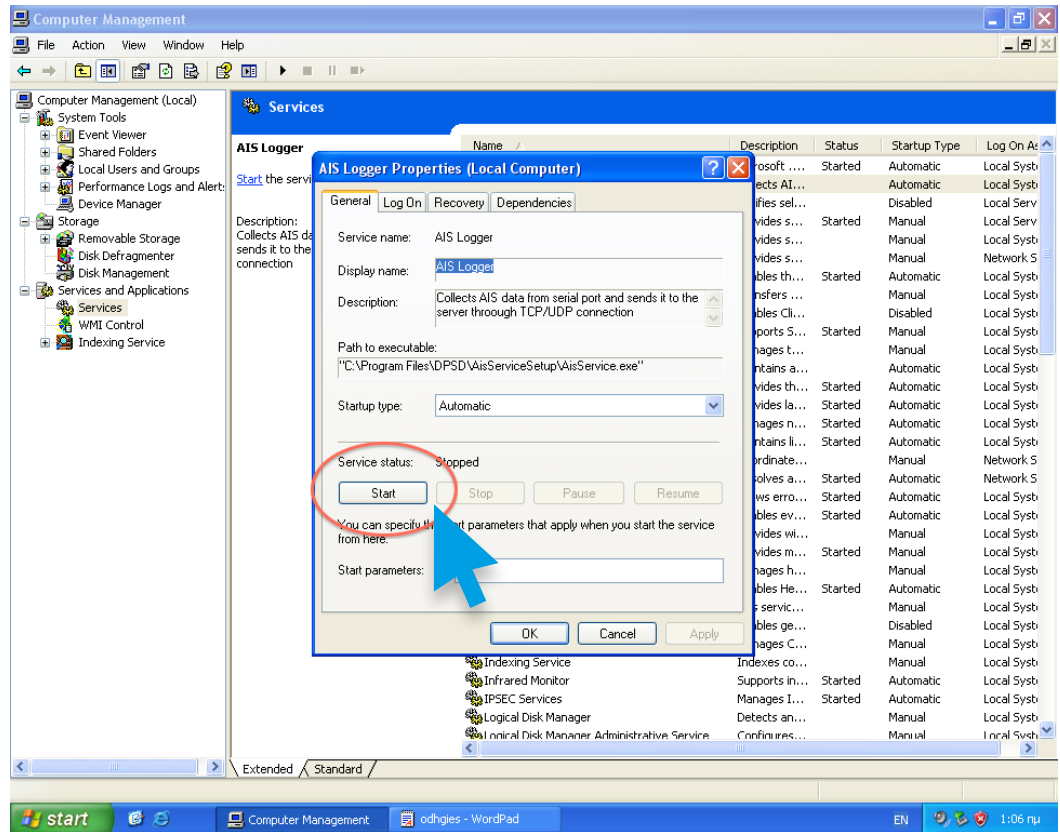
- Expand **Services and Applications** and click on **Services**. You should now see the **AIS Logger** service on the right. Right-click on it and click on **Properties**:



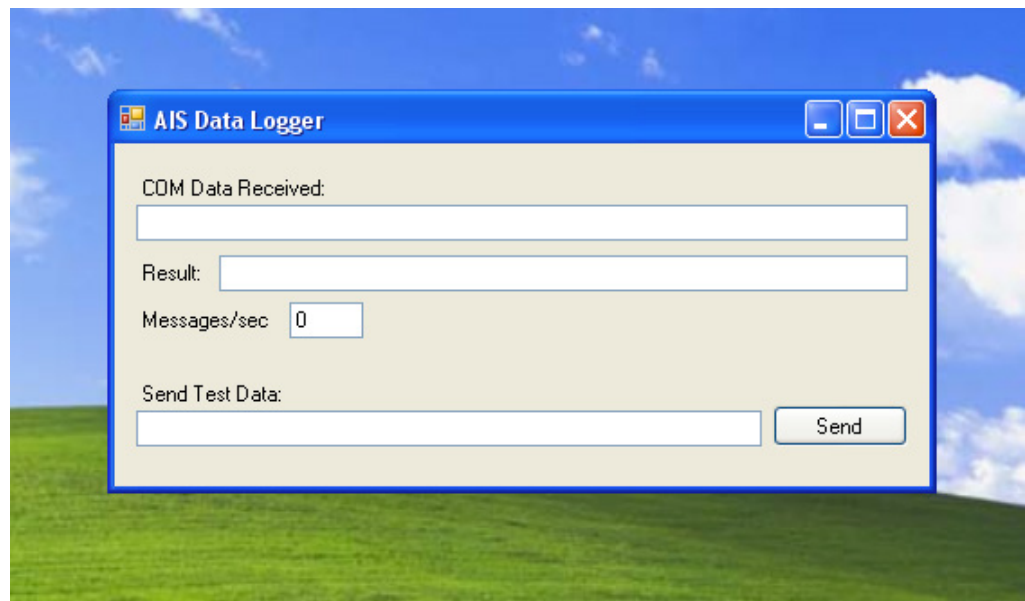
- On the **Log On** tab, tick the **Allow service to interact with desktop** checkbox :



- Click **Apply** and, then, go to the **General** tab. Click on the **Start** button to start the AIS Logger service :



- Immediately after the service has started, the following window will appear :



- You can now close the **Computer Management** window.



IMPORTANT

If you haven't done this already, please visit the MarineTraffic website (<http://www.marinetraffic.com>) and register yourself by creating a New Account.

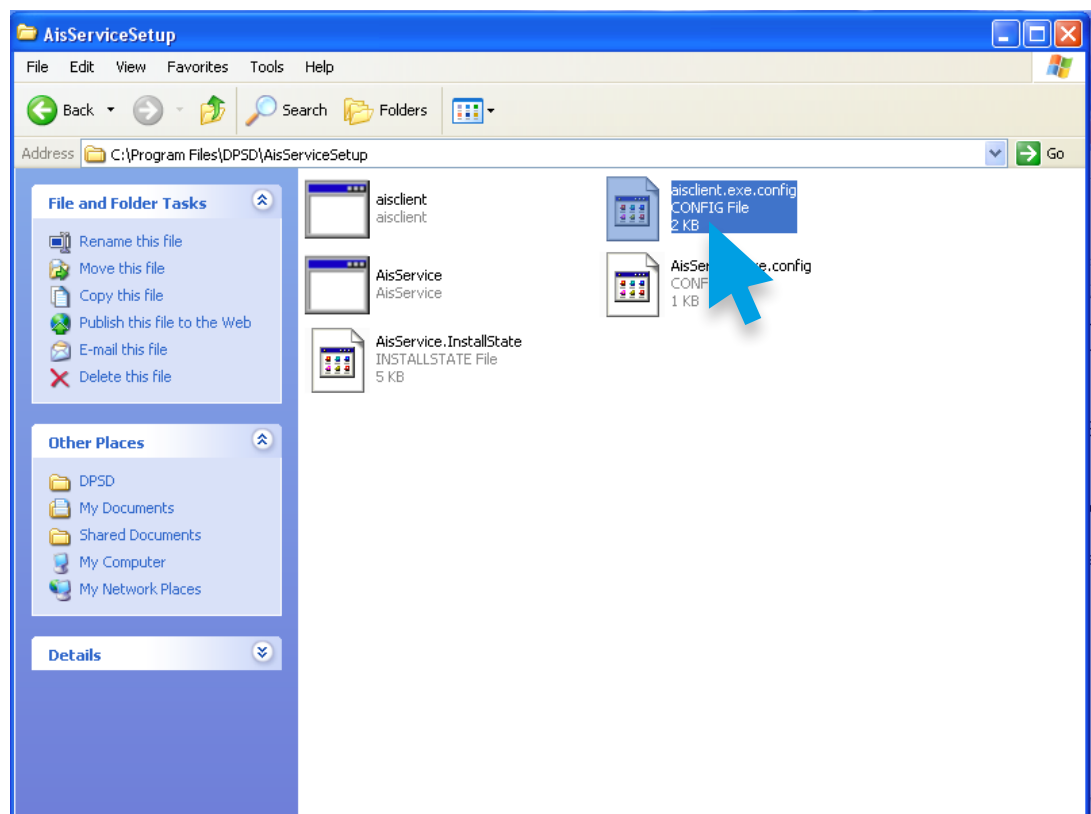
Upon registration, sign-in to your account (top right corner) and click on **My Account** > **My Stations** > **Add Receiving Station** to add your Station to the MarineTraffic Network.

This way, you will get a new Station ID and a unique Port Number to send your data to.

- Now find the installation folder of the program (C:\Program Files\DPSD\AisService-Setup) and open it :

Note to Vista / 7 users:

If you're using a 64bit OS the path to the program will be :
C:\Program Files (x86)\DPSD\AisServiceSetup



- Right-click on the **aisclient.exe.config** file and open it with Notepad. Find the **comport** setting :




```
aisclient.exe - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="utf-8" ?>
<configuration>
  <configSections>
    <sectionGroup name="applicationSettings" type="System.Configuration.ApplicationSettingsGroup, System, Vers
    <section name="aisclient.Properties.Settings" type="System.Configuration.ClientSettingsSection, System
    </sectionGroup>
  </configSections>
  <applicationSettings>
    <aisclient.Properties.Settings>
      <setting name="tcpghost1" serializeAs="String">
        <value />
      </setting>
      <setting name="tcpport1" serializeAs="String">
        <value>5323</value>
      </setting>
      <setting name="comport" serializeAs="String">
        <value>COM1</value>
      </setting>
      <setting name="baudrate" serializeAs="String">
        <value>38400</value>
      </setting>
      <setting name="tcpghost2" serializeAs="String">
        <value />
      </setting>
      <setting name="tcpport2" serializeAs="String">
        <value>5324</value>
      </setting>
      <setting name="udphost1" serializeAs="String">
        <value>syros-observer.aegean.gr</value>
      </setting>
      <setting name="udpport1" serializeAs="String">
        <value>5323</value>
      </setting>
      <setting name="udphost2" serializeAs="String">
        <value />
      </setting>
      <setting name="udpport2" serializeAs="String">
        <value>5322</value>
      </setting>
    </aisclient.Properties.Settings>
  </applicationSettings>
</configuration>
```

- On the value field, type in the correct port that your receiver is connected to (e.g. COM7).
- Find the “udpport1” setting :

```
aisclient.exe - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="utf-8" ?>
<configuration>
  <configSections>
    <sectionGroup name="applicationSettings" type="System.Configuration.ApplicationSettingsGroup, s
    <section name="aisclient.Properties.Settings" type="System.Configuration.ClientSettingsSect
    </sectionGroup>
  </configSections>
  <applicationSettings>
    <aisclient.Properties.Settings>
      <setting name="tcpghost1" serializeAs="String">
        <value />
      </setting>
      <setting name="tcpport1" serializeAs="String">
        <value>5323</value>
      </setting>
      <setting name="comport" serializeAs="String">
        <value>COM1</value>
      </setting>
      <setting name="baudrate" serializeAs="String">
        <value>38400</value>
      </setting>
      <setting name="tcpghost2" serializeAs="String">
        <value />
      </setting>
      <setting name="tcpport2" serializeAs="String">
        <value>5324</value>
      </setting>
      <setting name="udphost1" serializeAs="String">
        <value>syros-observer.aegean.gr</value>
      </setting>
      <setting name="udpport1" serializeAs="String">
        <value>5323</value>
      </setting>
      <setting name="udphost2" serializeAs="String">
        <value />
      </setting>
      <setting name="udpport2" serializeAs="String">
        <value>5322</value>
      </setting>
    </aisclient.Properties.Settings>
  </applicationSettings>
</configuration>
```


- On the value field, type in your unique port number.
- Find the **udphost1** setting just above **udpport1** and substitute **syros-observer.aegean.gr** with **5.9.207.224**
- When finished, save the file and exit Notepad.
- Reboot your PC for the changes to take effect.
- Notice that after you Log in to your desktop, AIS Logger will automatically load and start forwarding data to **MarineTraffic**.
- Finally, visit your station's Details page and make sure your station status is **ONLINE** (it may take a few minutes for that to happen):

Current Status & Statistics	
Status	ONLINE 
Availability	100% (2159 hours online / 2161 total hours)
Reception distance in nautical miles	Average: 9.2 / Max: 32.9
Records received in 1 hour	Distinct Vessels: 219 / Positions: 1962
Area Covered	3321 km ²

That's it!

You are now sharing your data with us.

We sincerely appreciate your contribution to our site and your help to expand our services and coverage.

