

Otium Software Limited

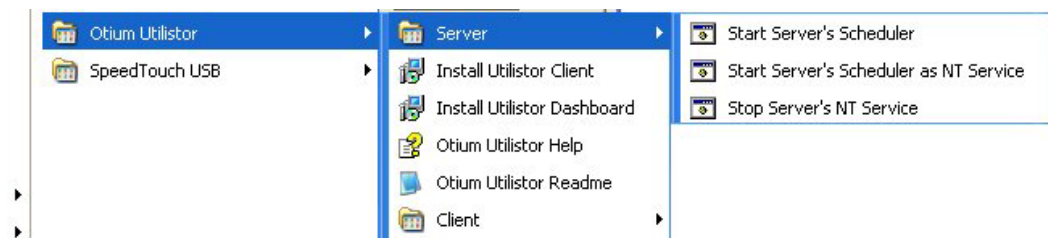
Changing the Utilistor Default TCP/IP Listener Ports

Otium Utilistor Server, Clients, and Dashboard communicate with each other over an IP network. By default the Server listens for communications on IP Port 8081 and the Client on IP Port 8082.

Occasionally, Utilistor may be installed into an environment where another application is also using one of these ports for communication, when this happens both applications will run into difficulty. This Technical Tip describes how to change the Utilistor IP Ports to avoid these conflicts.

Utilistor Server

Step 1: Shutdown all Utilistor Server and Client NT Services, and close the Utilistor Dashboard.



Step 2: On the Utilistor Server create the following file:

- C:\Program Files\Otium Utilistor\server\confus_config.xml
- Into that file place the following code:

```
<?xml version="1.0" encoding="UTF-8"?>
<otium product      ="utilistor"
      description   ="local configuration file"
      version       ="0.1">

<NETSETTINGS>
  <PROPERTY NAME="ServerPort" VALUE="9091"></PROPERTY>
  <PROPERTY NAME="ClientPort" VALUE="9092"></PROPERTY>
</NETSETTINGS>

</otium>
```

This file will change the Server Port to 9091 and the Client Port to 9092. You can set these to any valid port number that does not clash with other applications on your servers. Please note that the Server and Client Port numbers have to be the same on all Utilistor machines.

Step 3: Start the Utilistor Server's NT Service

Utilistor Dashboard

If you have already installed the Utilistor Dashboard, you will need to alter its configuration file so it can communicate with the new server ports.

Step 4: On the machine where you have installed the Dashboard. Edit **C:\Program Files\Otium Utilistor\client\confus_GUI_config.xml** with Notepad.

- Change the lines which may read:
`<PROPERTY NAME="ServerPort" VALUE="8081" />`
- To:
`<PROPERTY NAME="ServerPort" VALUE="9091" />`
- Save the File.

The Dashboard will now be able to communicate with the Server.

If you have not installed the Dashboard, or install it in new locations, remember to change the Listener Port when prompted as the Dashboard first starts.

Utilistor Clients

If you have already installed any Utilistor Clients you will need to reconfigure them to use the new ports to communicate with the server. The simplest way to do this is to:

- Uninstall the client code
- Remove the client from the Utilistor Dashboard
- and then proceed with a fresh install of each client.

When the Server has been reconfigured, it will automatically point any new clients to the correct ports as they are added, old clients need to be changed by hand or removed and re-added.

If you choose to re-configure the clients by hand, these are the steps required:

Step 5: Edit **C:\Program Files\Otium Utilistor\client\confus_config.xml** with Notepad.

- Change the lines which may read:
`<PROPERTY NAME="ServerName" VALUE=" yourservername "></PROPERTY>`
`<PROPERTY NAME="ServerPort" VALUE="8081"></PROPERTY>`
`<PROPERTY NAME="ClientName" VALUE=" yourclientname "></PROPERTY>`
- To:
`<PROPERTY NAME="ServerName" VALUE=" yourservername "></PROPERTY>`
`<PROPERTY NAME="ServerPort" VALUE="9091"></PROPERTY>`
`<PROPERTY NAME="ClientName" VALUE=" yourclientname "></PROPERTY>`
`<PROPERTY NAME="ClientPort" VALUE="9092" />`
- Save the File.

Step 6: Edit **C:\Program Files\Otium Utilistor\client\conf us_install_ 'yourclientname'** with Notepad.

- Change the lines which may read:
`<PROPERTY NAME="ServerName" VALUE=" yourservername "></PROPERTY>`
`<PROPERTY NAME="ServerPort" VALUE="8081"></PROPERTY>`
`<PROPERTY NAME="ClientName" VALUE=" yourclientname "></PROPERTY>`
- To:
`<PROPERTY NAME="ServerName" VALUE=" yourservername "></PROPERTY>`
`<PROPERTY NAME="ServerPort" VALUE="9091"></PROPERTY>`
`<PROPERTY NAME="ClientName" VALUE=" yourclientname "></PROPERTY>`
`<PROPERTY NAME="ClientPort" VALUE="9092" />`
- Save the File.

Step 7: Restart the Utilistor Client NT Service.