Advantech AE Technical Share Document

Date	2016/02/04	SR#	1-2362344693
Category	■FAQ □SOP	Related OS	N/A
Abstract	WISE-4000 Private server fail with occupied TCP port		
Keyword	WISE, Private server, Cloud, Data logger, TCP port occupied		
Related Product	WISE-4012, WISE-4012E, WISE-4050, WISE-4060		

■ **Problem Description:**

When using the private server function of WISE series, users follow the procedures in the software manual to set the IP address, port number and other settings accordingly like *Figure 1*.

Figure 1

However, when running the C# sample code for private server function of WISE series, there is a pop-out error message (*Figure 2*) which indicates that TCP port already occupied by other program.

How could I fine which program occupy the port and close the program?

Error:
 TCP port listen failed. Please make sure port is not used and/or use Administrator to run this program.

System.Net.HttpListenerException: 程序無法存取檔案，因為檔案正由另一個程序使用。
   於 System.Net.HttpListener.AddAll()
   於 System.Net.HttpListener.Start()
   於 WISE_PrivateServer.Form1.StartListen() 於 C:\Program Files (x86)\Advantech\AdamApax.NET Class Library\Sample Code\WISE\Win32\CSharp\WISE-PrivateServer\WISE-PrivateServer\Form1.cs : 行 126
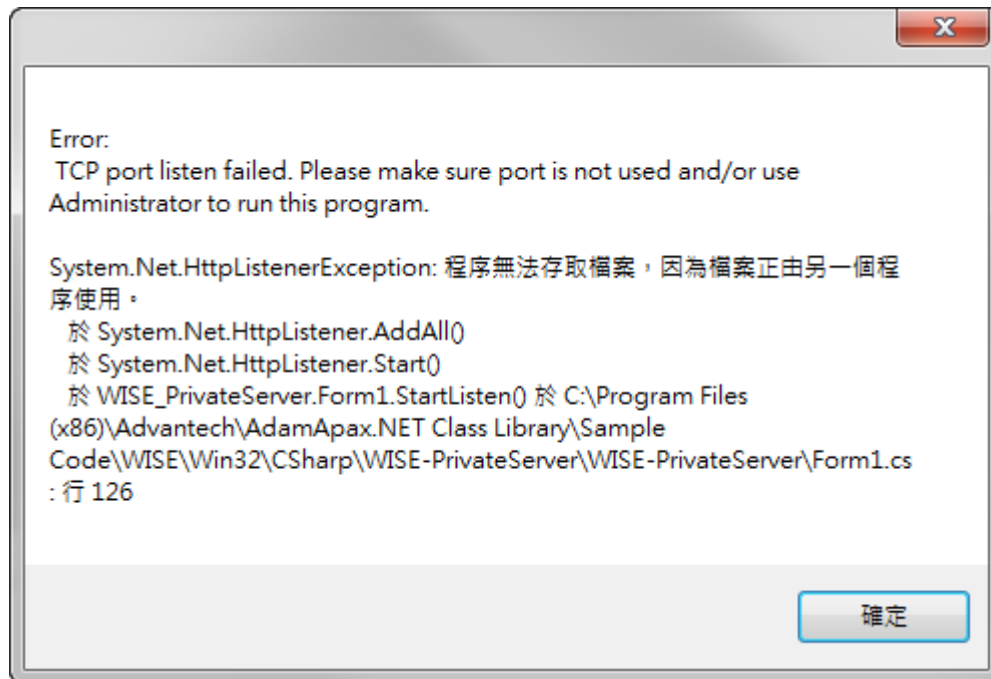
確定

Figure 2

■ **Answer:**

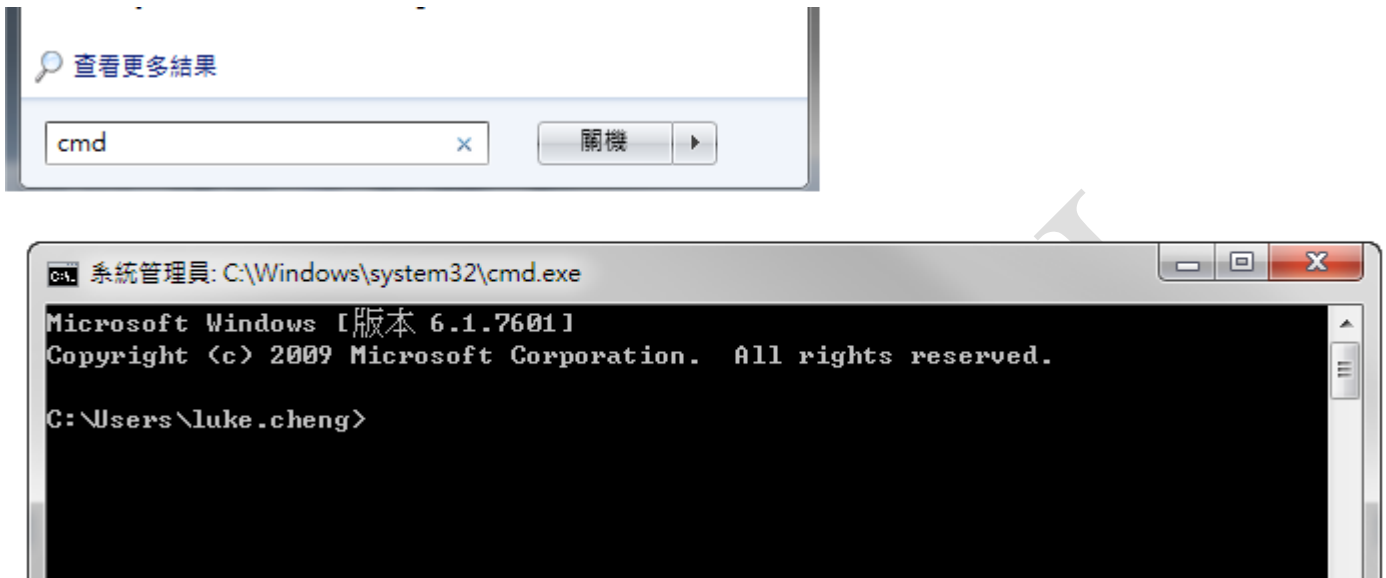1. Open a Command Prompt in Windows (*Figure 3*)

Figure 3

2. Find the applications that use the particular port with "netstat" (*Figure 4*)
Take the following picture as the example, we could find the PID of all programs that use 8080 port, and it shows that program with PID 7840 occupied the port 8080
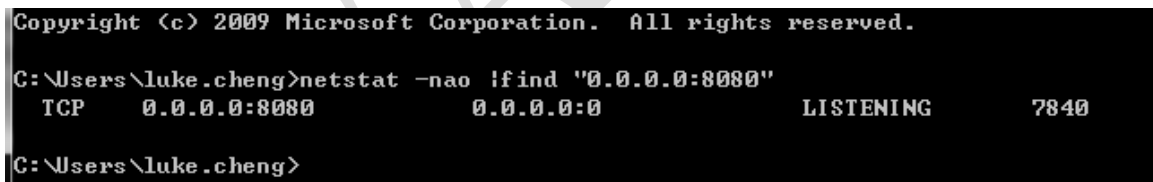

Figure 4

3. Start Task Manager of Window and close the task that occupied the port. (*Figure 5*)

sqlbrowser.exe *32	6552	NETWO...
sqlwriter.exe	6600	SYSTEM
svchost.exe	6668	LOCAL ...
TeamViewer_Service.exe *32	6764	SYSTEM
iexplore.exe	6784	Luke.Ch...
WLIDSVCM.EXE	6868	SYSTEM
IEProtect.exe *32	6904	Luke.Ch...
ViakaraokeSrv.exe	7104	SYSTEM
lkcitdl.exe *32	7280	SYSTEM
lktsrv.exe *32	7332	SYSTEM
plugin-container.exe *32	7768	Luke.Ch...
ApplicationWebServer.exe *32	7840	SYSTEM
nisdnsResponder.exe *32	7888	SYSTEM
nipxism.exe *32	7916	SYSTEM
niLxiDiscovery.exe *32	8232	SYSTEM
niDiscSvc.exe *32	8316	SYSTEM
EventClientMultiplexer.exe *32	8472	SYSTEM
svchost.exe	8608	SYSTEM
RnaDirServer.exe *32	8632	SYSTEM
IAStorIcon.exe *32	8784	Luke.Ch...
iPodService.exe	8924	SYSTEM

Figure 5

4. Run the sample code again, it should work properly now.