This project is provided as an example only. Don't hesitate to contact us to ask questions.

This project compiles to a .EXE file that can be executed as a standalone command line application (default) or registered to run as a Windows service.
Install service using InstallUtil.exe found under
"C:\Windows\Microsoft.NET\Framework64\v4.0.x"
Ex: "C:\Windows\Microsoft.NET\Framework64\v4.0.30319\InstallUtil.exe"
"C:\Sandbox\STATEPARFileTransfer\bin\PARSE_UploadClient.exe"
NOTE: console window (cmd.exe) must be launched with "Run as administrator" to run IntallUtil.exe install a service. Same goes for running the Install.bat file: right-click and select "Run as administrator".

If running as a service, the config file should include the "AsService" app setting (in addition to the .EXE being registered to run as a service),
otherwise it will quit after the 30 second service startup window and say that the service failed to respond/report startup in due time.
If renaming the output EXE file, then change the EXE name in Install.bat and Uninstall.bat (if using the .BAT files).

All files in the BIN folder are required for the application to run.
Log4Net library will log to standard output and try to log to ../logs/log4net.txt.
Registering the EXE as a service and starting the service are two separate and distinct steps, access the services console,
look for "NHTSA PARSE Folder Watcher Service" or whatever you renamed the service to in ProjectInstaller.cs and start it.
Also, consider setting set the service startup type to a value other than "Manual".

Compiler support for awaitable asyn I/O operations requires .NET 4.5 or above.
Example log file is included as source-controlled project file, clear read-only flag from logs\log4net.txt if logger is to write to it.