

TREK SDK V3 Windows Driver Installation Guide

Version 1.0

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Revision History

Version	Date	Editor	Description
V1.0	2014/07/08	Alloy Hsu	■ Created

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1 Introduction

The TREK SDK (Software Development Kit) is a software library that can be used to support for building the user application. Although some partial API can provide the interface to developer but still need a driver do access hardware directly. For example DIO, SMBus, etc.

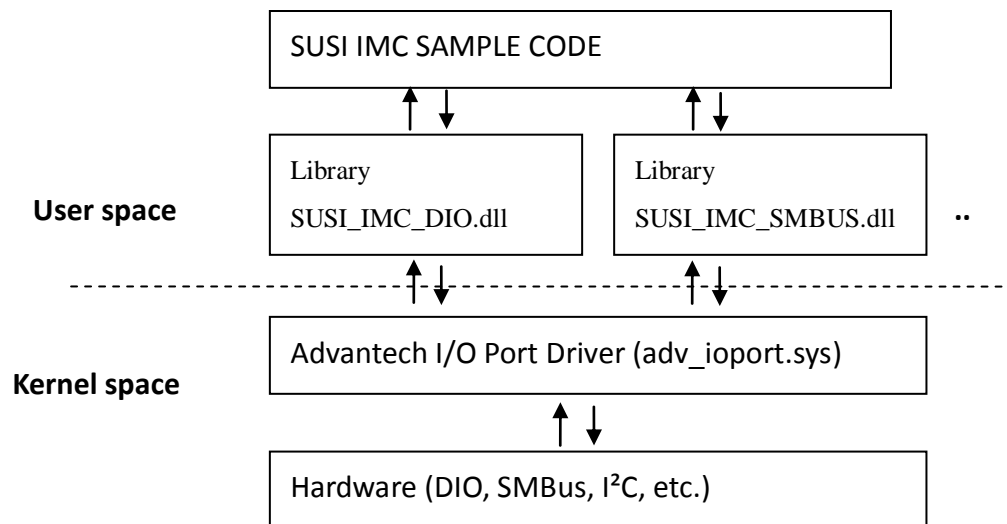
This document will provide SDK window driver installation guide and using guide.

1.1 Hardware support

- TREK674
- TREK570

2 TREK IMC SDK architecture on Window

This system architecture follows window standards. The functions of TREK SDK are separated into C/C++ library. The system block diagram is as following.

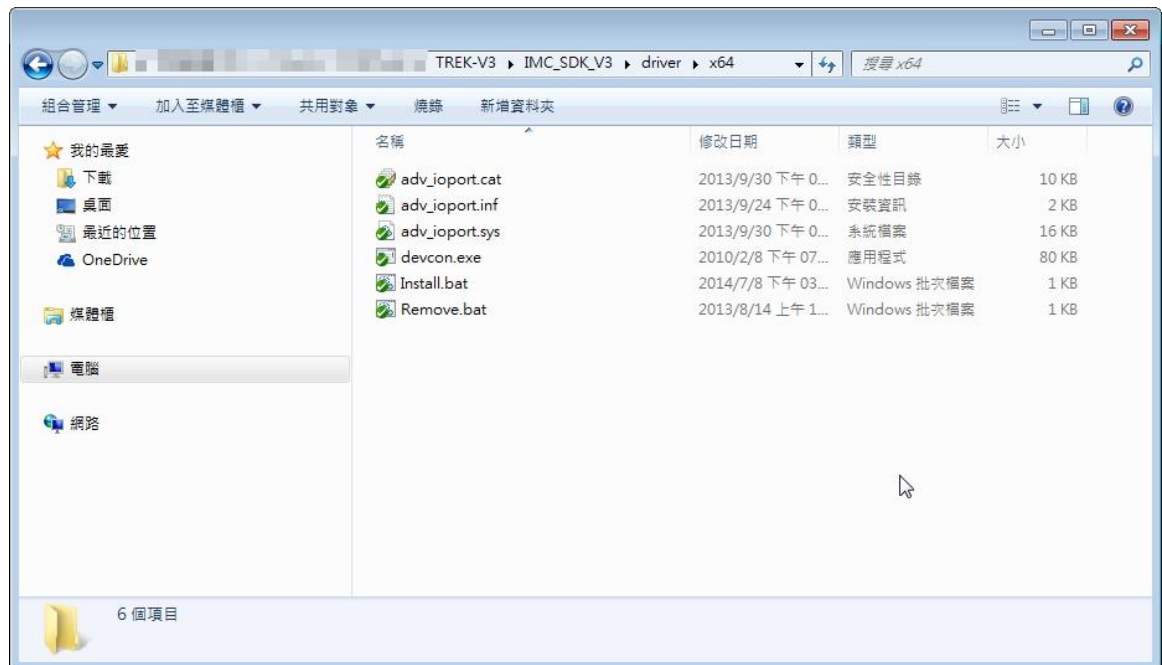


To implement the system, Advantech provides one kinds of file, **SUSI_IMC_DIO.dll** and **SUSI_IMC_SMBUS.dll** file. Above files are the Shared-Object files for software application to access the functions.

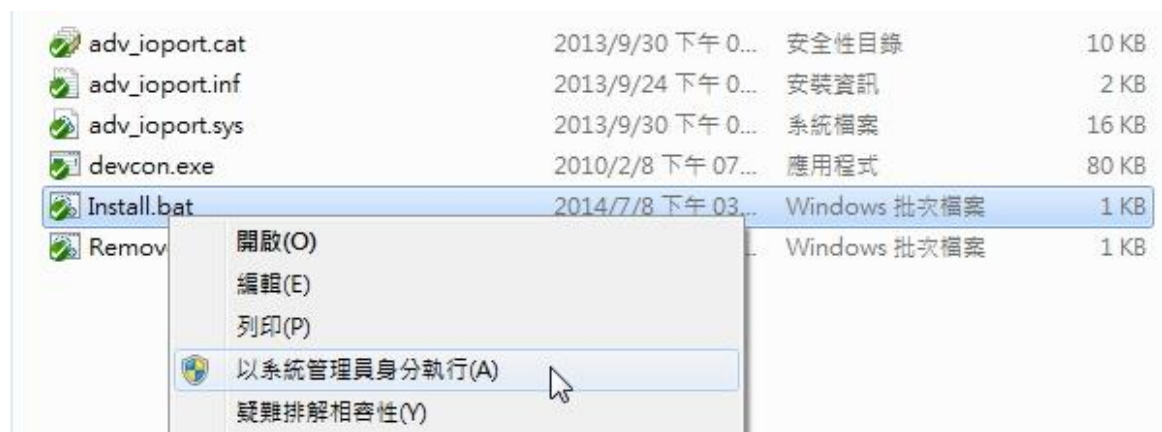
SDK had to provide the sample code with all APIs. Sample codes just demo the APIs usage.

3 *How to install the SDK driver for Window?*

(1) Enter to driver folder



(2) On the Install.bat, Right-click select **Run As Administrator**



(3) If you see a User Account Control prompt, accept it.



(4) You can see the below the figure, when Installed success

