

MSR600U MSR OPOS SKD Develop Manual

Dongguan Yixin Technology Co., Ltd.
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1. SDK setup

- 1、locate into setup directory, double click  setup.exe for setup sdk environment
The setup just like as figure 1 below:

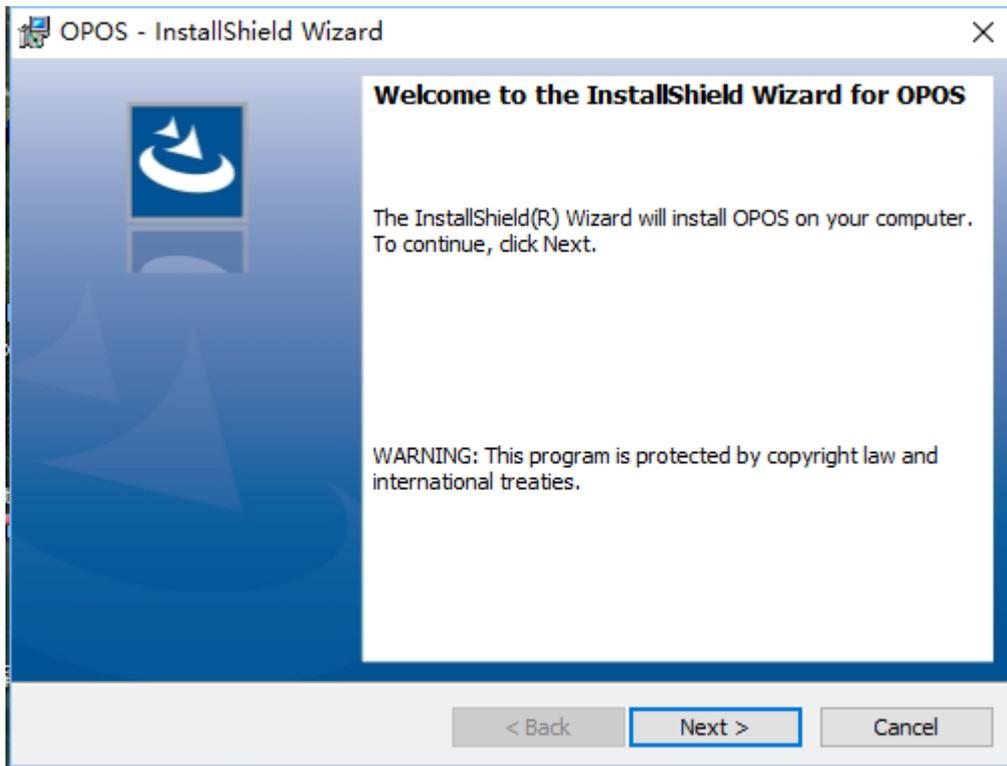


figure 1 setup program

- 2、Once you have finished setup,
OPOS ActiveX register in your system.
OPOS MSR Service Object registered in you system, the service name is 'RF400MSrSo Class'

2. Development procedure

The whole development procedure just as figure 2 below:

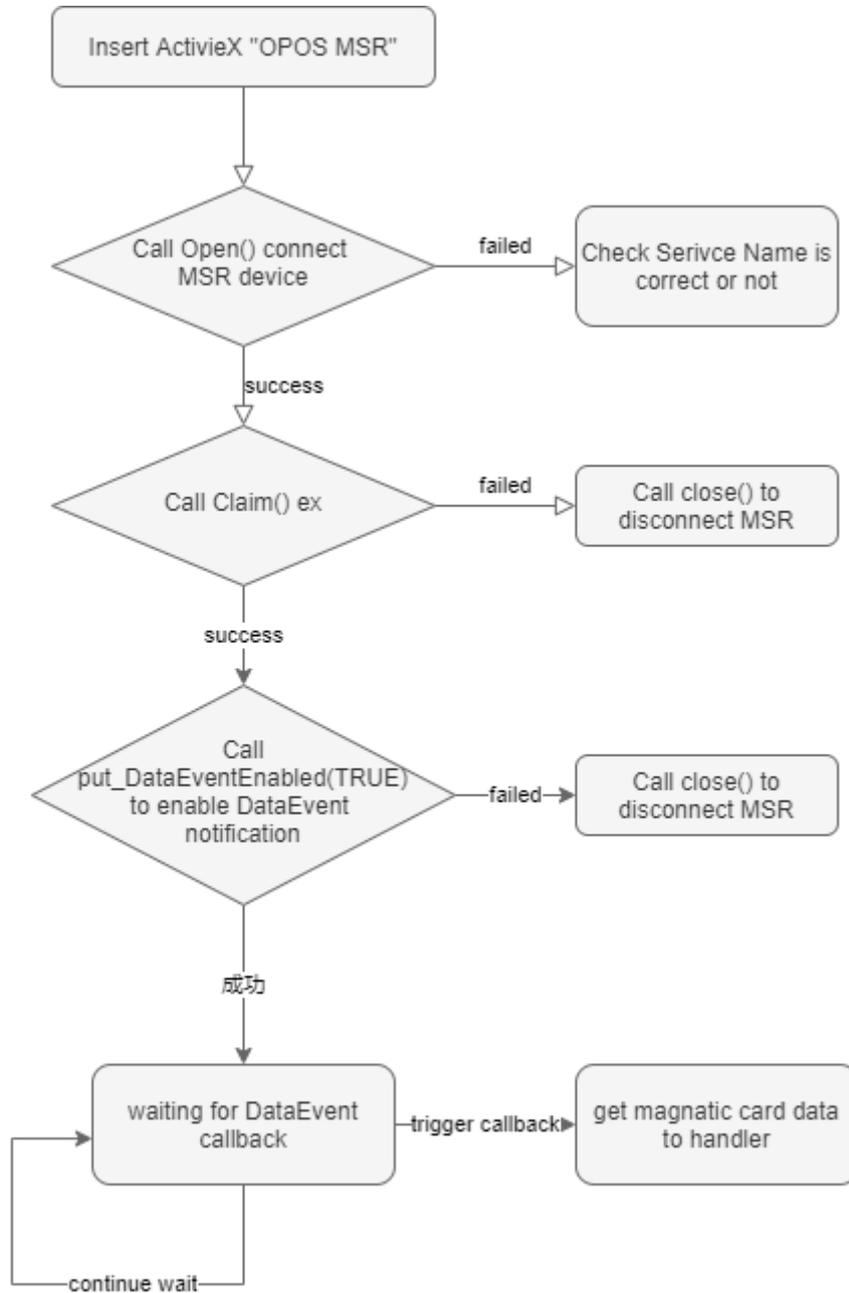


figure 2 development procedure

MSR Service Object Name: `RF400MSrSo Class`

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3. Reference DEMO

VC++ Demo: teach you how to user OPOS ActiveX to interactive with MSR device, directory structure just as figure 3 below:

名称	修改日期	类型	大小
Debug	2021/8/30 10:55	文件夹	
ipch	2021/8/14 9:35	文件夹	
Release	2021/9/13 9:02	文件夹	
testOposMsr	2021/9/13 23:59	文件夹	
testOposMsr.sln	2021/8/10 11:47	Microsoft Visual...	2 KB
testOposMsr.VC.db	2021/9/13 23:59	Data Base File	68,144 KB

figure 3 VC demo

4. Magnetic card Data

- 1、Once you has enabled OPOS data event notification by (`m_msr.put_DataEventEnabled(TRUE)`), if you swipe card and then the notification will be triggered.
- 2、`OnDataeventMsrl(long Status)` is the callback handler, `status=10`, means that magnetic card data was send to OPOS ActiveX, you can get data by `m_msr.get_TrackXData()`
- 3、Magnetic card track data just as **table 1** below:

Track data	mean
Blank error	Blank track error
S error	S track error
P error	P track error
E error	E track error
L error	L track error
Length = 0	track data length = 0
Other content	Normal return track data

table 1 Track data