PROTECH SYSTEMS
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API Package

Quick Reference Guide

Ver. Q1

Step 1

**Select the Initial.xml corresponding to your machine type.**

① Find the Initial.xml under the folder named after your machine type in the directory ProxAPI standard\XML Files.
② Put the Initial.xml and *.dll files in the same directory path as the *.exe you created for your project.

📁752X	📁POS-3520
📁811LF	📁POS-6510
📁822LF	📁POS-6620
📁6505	📁PPC74X(7400,7402,7405,7407)
📁6508	📁PPC752x
📁6509	📁PPC791x
📁8070	📁PPC-761X
📁8590LF	📁PROX-F701LF
📁8831	📁PS3100
📁8852	📁PS3150
📁8853	📁PS5001
📁8930	📁PSB511
📁9611LF	📁PSB589
📁BPC-8072	📁PSB-1720LF
📁C587	
📁E581	
📁ISA588	
📁L586	
📁LS589	
📁LS-588	
📁PD-9040	
📁PMB472	
📁PMB562	
📁PMB587	
📁PMB-732LF	
📁POS-3152	

Step 2

Select *.dll files

Select *.dll files of the functions you desire in the directory ProxAPI standard\. All the necessary items for developing a program are listed below.

API Package Driver Disc
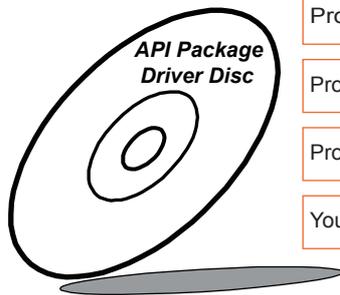
→ ProxAPI standard\multilangXML.dll

→ ProxAPI standard\XML Files\Initial.xml

→ ProxAPI standard*.dll of various functions

→ Your project Application (*.EXE)

Put the four items to the same folder, e.g. the directory of your project application*.EXE.

Then you can start to develop a program for your project.

Make sure the necessary items are all located in the same directory.
Take Cash Drawer developing for example. The items in a folder along with your application *.EXE will be as follows.

- multilangXML.dll
- Initial.xml
- Cash Drawer.dll
- Application (*.EXE)

Dynamic linking library (DLL) is essential to develop a program. For details, please refer to *Chapter 4 - Program Developing* of the *User Manual*.

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API Package
Speed up project release & reduce workload for you

Package Content

Document\
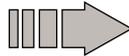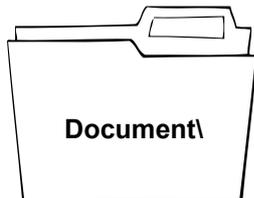
Windows 32 bit + .NET Framework 2.0 or above	
Contents / File Name	**Description**
Protech API Package User Guide A01-0000-000-02-xxxxxx_en.pdf	User Manual in English
Protech API Package User Guide A01-0000-000-02-xxxxxx_ch.pdf	User Manual in Chinese
IO Description.pdf	---
UPS Standard SBS Commands.pdf	---

ProxAPI standard\
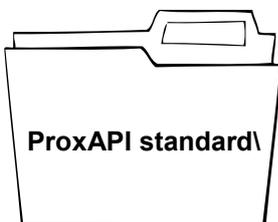
Function DLL		
Function	**File Name**	**Description**
Cash Drawer	Cash Drawer.dll	Driver to control Cash Drawer
Digital	Digital.dll	Driver to control Digital
GPIO	GPIO.dll WinIo.dll WinIo.lib WinIo.sys WINIO.VXD	Driver to control GPIO
SMBUS	WinIo.dll WinIo.lib WinIo.sys WINIO.VXD SMBUS.dll	Driver to use SMBUSI
WDT	Watchdog.dll	Driver to control WDT
i-Button	IButtonAPI.dll IBFS32.dll	Driver to get i-Button
Hardware Monitor	Hardware Monitor.dll	Driver to read the hardware data
Battery	SBS_Battery.dll phymem.sys pmdll.dll	Driver to read and control the battery data
multilangXML.dll		Driver to open XML files
Initial.xml		XML file to initiate the API package
ProxAP.exe		API program executable file
XML Files\Model Name*\Initial.xml		XML file for each model
Version.ini		Version information

DEMO PROJECT\
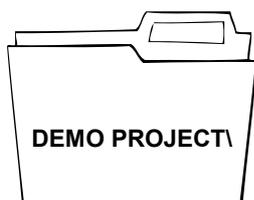
Sample Program	
Contents / File Name	**Description**
Cash Drawer Sample Code	C# VB6 VB.net Source Code
DemoAPIC#(B811LF)	GPIO Source Code for 811LF
DemoAPIC#(752X)	Digital Source Code for 752X
6508 Watch Dog(MFC)	Watch Dog Source Code for 6508