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Overview

The purpose of Genius Vision Community Platform Integration API is to open access to data originally provided on the web interface. This would allow software integrator easily get access to IP camera connectivity in a universal way.

The intellectual property of all data is still owned by Genius Vision so you need to review the usage terms. Mainly, please do not create a similar website to Community Platform using the API, as it will utterly violate the API usage terms and its purposes.

Remember this is still a work-in-progress and we welcome all suggestions. Everything might change & update very fast. [Contact us](#) if you need anything.

Creating API Key and obtain WSDL

Create API Key

Logon to your account profile and look for "[Apply for Community Platform API/SDK](#)". You will be asked to agree to usage terms. **Currently we only allow "Google" and "Facebook" login type to access to API.** Other type of login will not be accepted.

The screenshot shows a Windows desktop environment with a browser window open to the Genius Vision website. The URL in the address bar is community.geniusvision.net/platform/cprndr/user/6282114632008280. The browser's toolbar includes icons for back, forward, search, and various extensions. The main content area displays the Genius Vision homepage with a navigation menu at the top. A large banner image of a modern building's glass facade is visible. Below the banner, the user's profile information is shown. The user's name is highlighted with a red box. A button labeled "[Apply for Community Platform API/SDK]" is also highlighted with a red box. The user's profile table contains the following data:

Display name	應承謙
Social link	facebook
Last login	December 26, 2014 6:36:06 PM CST

List of proposed IP Camera Settings

At the bottom left of the browser window, there is a small tab labeled "TA-44 IP Camera Settings" and a link "geniusvision.net/contact-us.html".

After a series of operation, you will get the API key as follows. The approval process is instant, you don't need to wait, if nothing goes wrong.

The screenshot shows a Windows application window titled "Community Platform". The URL in the address bar is "community.geniusvision.net/platform/cprndr/cpapi". The main content area displays the "Community Platform API Control Panel". A red box highlights the "API Key" section, which contains the following information:

API Key	Status
BL2rzcvQQtHrSkY6tQyFtvRI07gWZr2RBjku6xCVDnjyQE Kln3MQKqBhw+dWvaqZvk1TDu7a/KrvYNI5sn4pRkUYZM1 bA==	Active
Daily free quota	2000
Created	2015-01-02

At the bottom of the window, there is a status bar with the text "Development server 192.168.1.8, community.geniusvision".

Access to WSDL

WSDL is published and updated at following address:

- <http://geniusvision.net/wsdl/cp.wsdl>

The WSDL is self descriptive, so you will know where to access the web service once you obtain the WSDL file and import to your proper tool.

Running and Testing with Sample Program

Development Environment

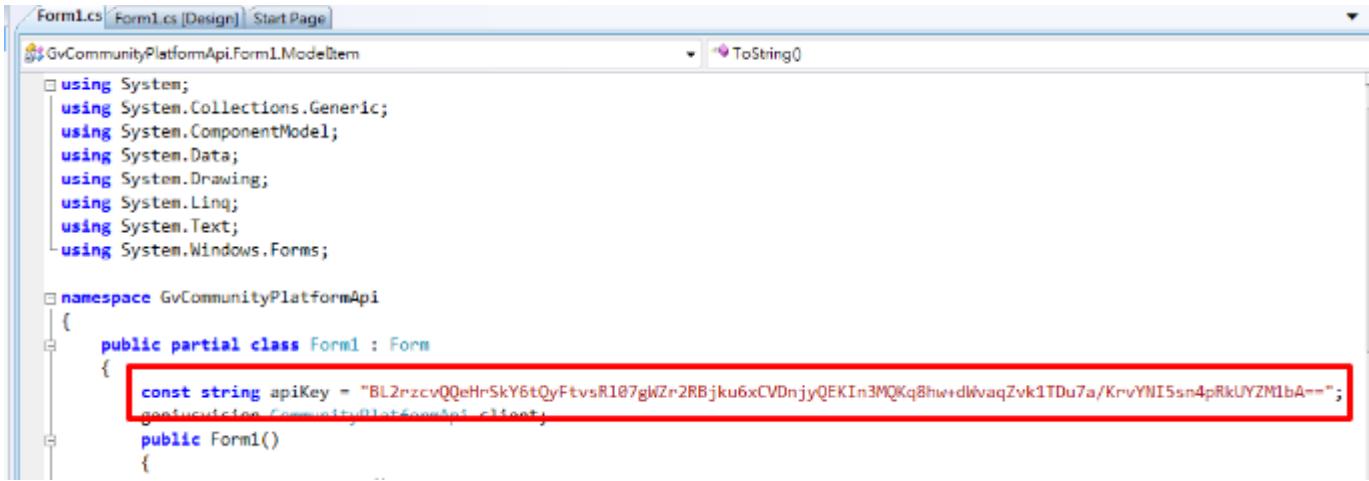
You need Microsoft Visual C# 2008 Express Edition.

Obtaining API Sample Program Source

Source code of sample code can be [obtained here..](#)

Changing your API key

Because API key is different for every developer, you need to change to yours in the code where marked "apiKey".

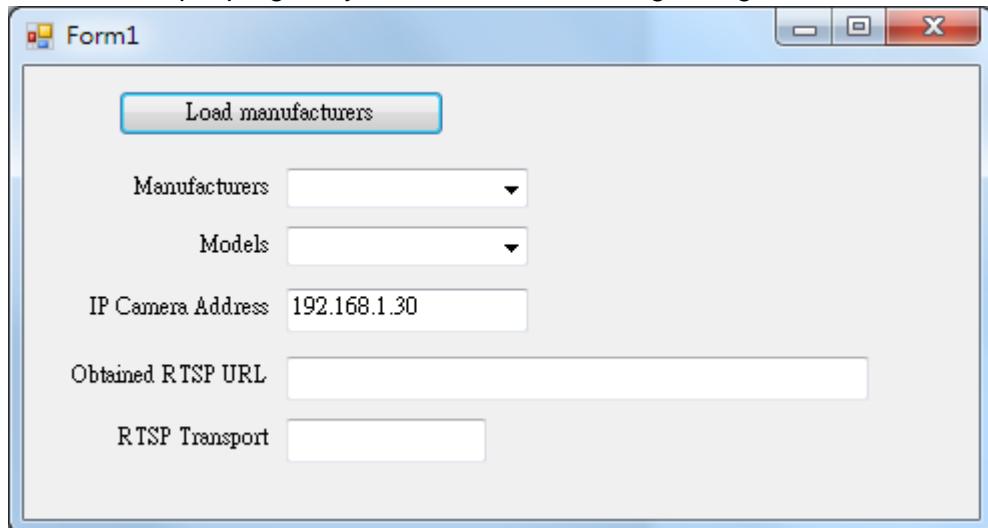


```
Form1.cs [Design] Start Page
GvCommunityPlatformApi.Form1.ModelItem
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Windows.Forms;

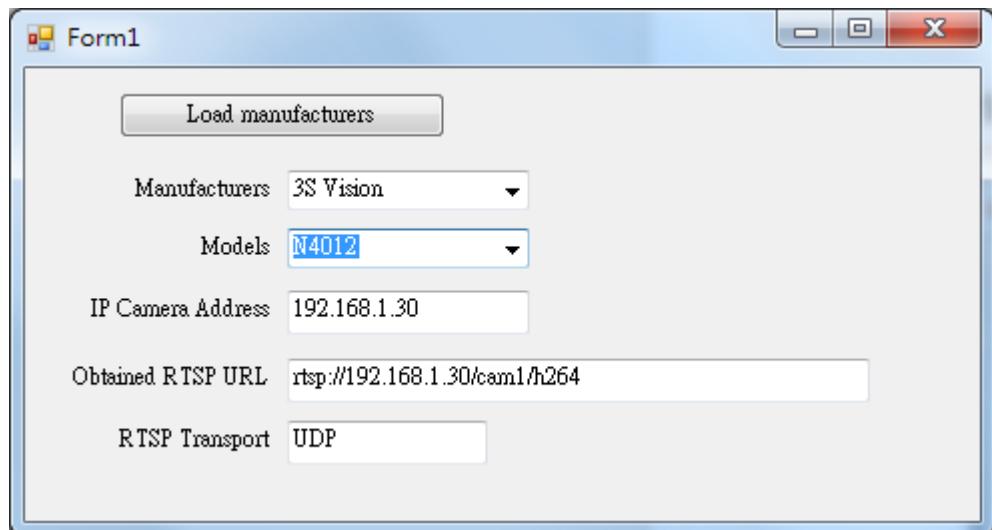
namespace GvCommunityPlatformApi
{
    public partial class Form1 : Form
    {
        const string apiKey = "BL2rzcvQ0eHrSkY6tQyFtv8R107gWZn2RBjku6xCVDnjyQEKIIn3MQKq8hw+dIvaqZvk1TDu7a/KrvYNI5sn4pRkUYZM1bA==";
        //geführung CommunityPlatformClient
        public Form1()
        {
            ...
        }
    }
}
```

Running API Sample Program

Directly build & run the sample program you will see the following dialog box.



You want to click "**Load manufacturers**" to load all manufacturer items in the first combo box, and then select a desired model. A success running of the program look likes the following:



In which you will have successfully obtained the desired RTSP URL.