

## CDYNE IP2Geo Web Service

Version 2.2

**WSDL:** <http://ws.cdyne.com/ip2geo/ip2geo.asmx?wsdl>

**Testing URL:** <http://ws.cdyne.com/ip2geo/ip2geo.asmx>

**Developer Resources:** <http://wiki.cdyne.com/index.php/IP2Geo>

**Product Web Page:** <http://www.cdyne.com/products/ip2geo.aspx>

**Description:** Utilize this XML Web Service to resolve IP address to Network Owner Name, City, State/Province, and Country. In some locations, this service also returns Area Code and Latitude and Longitude.

CDYNE IP2Geo is often used to locate customers who visit a business's Web site and/or fill out an online form. This service allows for the integration of location & distance information and other geographic intelligence into your application databases, business processes and Web sites.

IP2Geo can check the validity of clients based on IP address when compared with their carrier and address location. It also provides users with the means to create geographically customized Web site menus. The real-time information returned can be used to trigger special "preferred location" promotions.

**Required License Information:** The *LicenseKey* parameter that is seen in most operations of this Web Service is required to authenticate users invoking this Web Service. You must obtain a valid License Key. You can sign up for this service by using the 'Buy Now' button located on the Product Web Page (see link at top of this page) or by contacting CDYNE for a limited Trial License Key.

*EXAMPLE:*

Licensing parameter seen in numerous operations	Sample Input
LicenseKey	F01d89fd-5155-5455-5585-e84ab8de8591

### Operations:

- ResolveIP

#### ▼ ResolveIP

#### Operation: ResolveIP Input

Parameter Name:	Data Type	Sample Input
<b>IPAddress:</b> Input IP address.	<i>String</i>	70.XXX.XX.XXX
<b>LicenseKey:</b> See page 1 for more info.	<i>String</i>	F01d89fd-5155-5455-5585-e84ab8de8591

<b>Operation: ResolveIP Output</b>		
Parameter Name:	Data Type	Sample Output
<b>City:</b> Returns City name where address is located.	<i>String</i>	Richmond
<b>StateProvince:</b> Returns State abbreviation where address is located.	<i>String</i>	VA
<b>Country:</b> Returns Country IP address is located in.	<i>String</i>	United States
<b>Latitude:</b> Returns Latitude of IP address.	<i>String</i>	38
<b>Longitude:</b> Returns Longitude of IP address.	<i>String</i>	-97
<b>AreaCode:</b> Returns Area Code.	<i>String</i>	0
<b>Certainty:</b> Returns level of certainty.	<i>String</i>	70