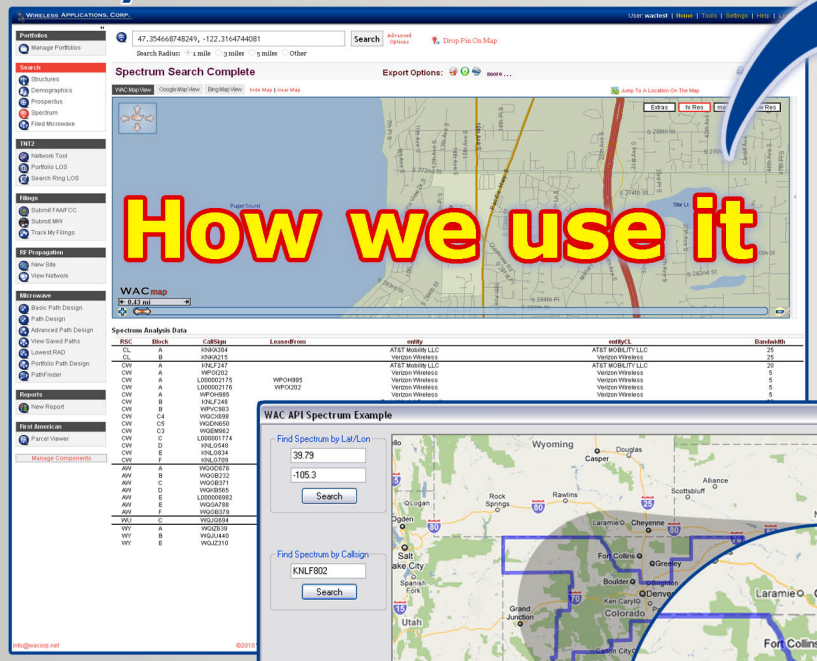
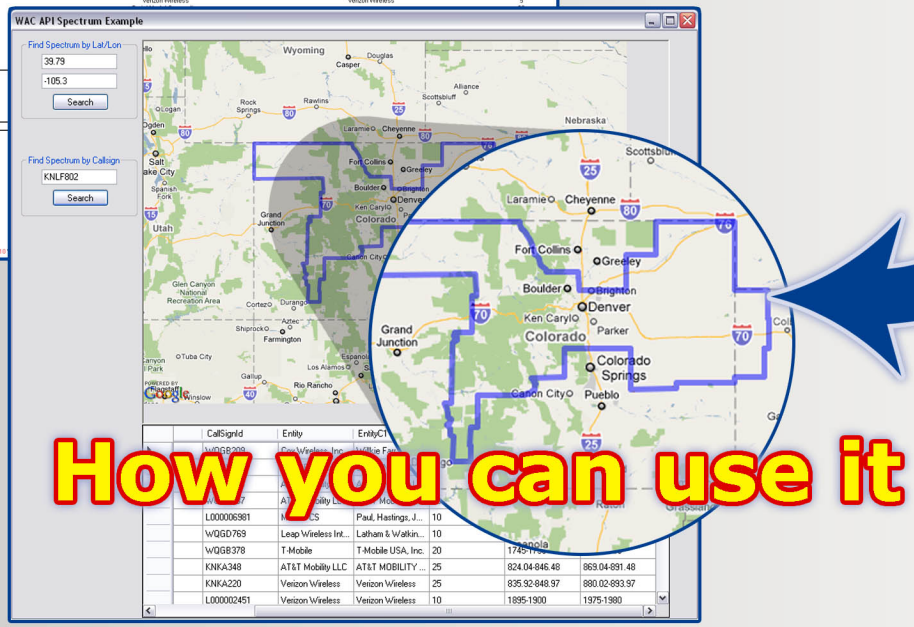
Using API Suite: Spectrum Search

SiteSync Pro



How we use it



How you can use it

How you Call it

Spectrum Search request to make the study

```
http://api.wirelessapplications.com/1.0/spectrum/getByLatLon/
?lat=39.797928&lon=-105.125042&api_key={Your API key here}
```

Response from API

```
<WacApi>
 <ErrorCode>0</ErrorCode>
 <DateGenerated>08/06/2010 11:08:56</DateGenerated>
 <CallSign>
  <Rsc>AW</Rsc>
  <Block>B</Block>
  <CallSign>WQGB209</CallSign>
  <LeasedFrom/>
  <Entity>Cox Wireless, Inc.</Entity>
  <EntityCl>Willkie Farr &amp;amp; Gallagher LLP</EntityCl>
  <BandwidthMHz>20</BandwidthMHz>
  <Frequency1MHz>1720-1730</Frequency1MHz>
  <Frequency2Mhz>2120-2130</Frequency2Mhz>
  <BoundaryType>BEA141</BoundaryType>
  <Partitioned>false</Partitioned>
 </CallSign>
 <CallSign>
  <Rsc>AW</Rsc>
  <Block>C</Block>
  <CallSign>WQGV778</CallSign>
  <LeasedFrom/>
  <Entity>Aloha Partners II, L.P.</Entity>
  <EntityCl>Lukas, Nace, Gutierrez &amp;amp; Sachs, LLP</EntityCl>
  <BandwidthMHz>10</BandwidthMHz>
  <Frequency1MHz>1730-1735</Frequency1MHz>
  <Frequency2Mhz>2130-2135</Frequency2Mhz>
  <BoundaryType>BEA141</BoundaryType>
  <Partitioned>false</Partitioned>
 </CallSign>
 ...
 <Parameters>
  <Lat>39.797928</Lat>
  <Lon>-105.125042</Lon>
  <ApiKey>C000ADC55A19F5CCEBFA2F163E964A0E</ApiKey>
  <ResponseFormat>XML</ResponseFormat>
 </Parameters>
</WacApi>
```

Dirt Simple Telecom Tools

api.wirelessapplications.com

In the Wireless Application's online software, SiteSync Pro, users perform a search of spectrum ownership and are able view the results in tabular form or in one of the integrated mapping systems. Using the Telecomm API suite, a user can generate a similar search of spectrum querying the owners by bandwidth and geographic border data. The graphical and data results may be inserted into your custom applications or website.

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