



Spatial Web Services

Easily stream our geographic and natural hazard risk data

CoreLogic® Spatial Web Services (SWS) is an interface that delivers a set of services and tools that allow you to easily integrate natural hazard risk, tax jurisdiction, parcel, and geocoding data directly into your applications. Using a RESTful API, you can now stream our geographic and natural hazard risk data to a variety of platforms and programming languages, including Java, .Net, and PHP.

Deliver Advanced Solutions To Your Clients

A new, straightforward interface connects your applications directly to the data source. CoreLogic SWS data can be integrated into a company's existing Geographic Information System (GIS) to provide robust spatial analytics. The combination of data and analytics allow companies to more readily analyze, plan, and control their operational, financial, and regulatory challenges.

Serve Maps On The Go

Easily create web maps that include multiple sources of data and embed them into your custom application. CoreLogic SWS provides several of its property and hazard data layers via map tile requests to generate a visual response in geo-registered map images (e.g. PNG) that can be displayed in a browser application, such as OpenLayers, Bing®, or Google Maps™ API. The interface also allows for the transparency of returned image layers from multiple servers.

Quickly Integrate Our Data Into HTML5 and Native Mobile Applications

Whether you are developing the next generation of location-based mobile applications, or you need access to natural hazard risk information to make more informed business decisions, CoreLogic SWS gives developers quick access to connect their applications. Our RESTful API provides the perfect backend for mobile applications written in either HTML5 or native client technologies like iOS, Windows® 8, and Android.

Access The Right Level of Data

Whether you are delivering the next generation of location-based solutions, or you need highly precise parcel data to improve business processes, SWS enables users to access the most comprehensive parcel database in the U.S., ParcelPoint® by CoreLogic. Take full advantage of submitting parcel level requests via latitude & longitude, custom bounding box, or polygon.

License only the specialized spatial data you need to deliver tailored solutions designed for your business needs.

- ▶ Easily integrate natural hazard risk, tax jurisdiction, parcel, and geocoding data directly into your applications with our RESTful API.
- ▶ Our RESTful API provides the perfect backend for mobile applications written in either HTML5 or native client technologies like iOS, Windows® 8, and Android.

Next-Generation Geocoding Technology

Unlike other geocoding engines that produce “best guess” determinations, PxPoint™ uses multiple data sources to convert physical addresses or locations into precise geographic coordinates. Advancements in data quality including street geometry information, street-segment attribution, postal delivery locations and individual property parcels are integrated, enabling you to:

- ▶ Identify points inside or near the property
- ▶ Establish distance to coastline or river(s) or other natural hazard areas
- ▶ Spatially compute feature types like point, line and polygon
- ▶ Easily reverse geocode locations by providing a latitude/longitude

Security and Authentication

Security for CoreLogic SWS is enforced through encryption and authentication. SWS uses the SSL (Secure Socket Layer) protocol, which is the industry standard for encrypting Web transactions, such as bank, credit card, and stock transactions. Only users who provide a valid username and password can access the services. A unique session ID is provided upon successful login which validates the user and is the key to providing access to SWS products and services.

Easily Learn and Integrate Via Developer Portal

CoreLogic SWS gives developers the tools and resources they need for integrating location information, natural hazard risk data, tax jurisdictions and maps into their solutions. SWS provides easy-to-navigate samples of how to make a request. Whether you are interested in obtaining data only or want to consume map tiles of our parcel and hazard layers and integrate with Bing and Google maps, SWS provides examples of how to obtain this information for your solution. Sample code for an integration with HTML, .NET, Java and NodeJS is also provided.

Achieve a Quick Return on Investment

CoreLogic SWS provides you the ability to license only the specialized spatial data you need to deliver tailored solutions designed for your business needs. This allows a company to realize an extremely quick return on investment (ROI). A solution focused on the needs of each individual customer pays for itself very quickly.

The screenshot shows a web browser window at sws.corelogic.com. The page features the CoreLogic logo and navigation links for 'Logout' and 'Contact'. A sidebar on the left contains a menu with items: 'Getting Started', 'Location Information', 'Land Parcels Geocode', 'Natural Hazard Risk', 'Tax Jurisdiction', and 'API Error Messages'. The main content area is titled 'ParcelPoint' and includes a descriptive paragraph: 'Provided by CoreLogic, America's leading provider of business information, ParcelPoint is a geospatial solution that captures boundary and centroid data for more than 2,480 counties, accounting for 135 million parcels nationwide—131 million of which are actual parcel boundaries. The result is a significantly improved level of positional accuracy and parcel depth for GIS applications or location-based solutions.' Below this is a form with three tabs: 'Lat Lon' (selected), 'Bounding Box', and 'Polygon'. The 'Query by Latitude/Longitude' section contains the following fields: 'Latitude' (30.406001), 'Longitude' (-97.716578), 'Page Number' (1), and 'Page Size' (4). At the bottom of the form are 'Try It' and 'Reset' buttons.

FOR MORE INFORMATION, PLEASE CALL 855-267-7027
OR VISIT corelogic.com/sws

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