



The Office of Application Development offers a **Geocoding Service**, a subscription-based, real-time web service that allows a Commonwealth of Kentucky agency to transform an address into geocoded latitude and longitude coordinates. Agencies can integrate this address information with their key business data to build applications and enhance business intelligence to further their business goals and responsibilities. Agencies can tailor the combined data for:

- Enabling spatial-based searches to identify key constituent needs, such as “nearest Department of Revenue office”
- Optimizing routing for such tasks as delivery of services or coordinating business audits or inspection routes
- Enabling the location and identification of key geographic activities such as Parks and nearby facilities and businesses
- Delivering emergency response and catastrophe management information (identify shelters, flooding info, etc.)
- Tracking health issues such as infection outbreaks
- Tracking compliance with government regulations

The web service provides information for the agency application such as the latitude and longitude coordinates, the county where the address is located, and codes that can indicate the accuracy and status of the address. Agencies can also use an optional record identifier to apply their own agency-specific name to an address.

Accurate geographic coordinates will be useful for any application that:

- Stores address data
- Plots location data on a map
- Needs real-time coordinates
- Needs to provide spatial-based searches

For more information, or if you would like to get a demonstration of this service, please contact:

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