INTERMAP®

Answers Now™

NEXTMAP®
Viewshed

Accurate Visibility Analysis, Globally

Intermap's Viewshed™ service provides quick and easy access to visibility analysis and obstruction analysis anywhere in the world. Based upon our accurate NEXTMap Foundation Data, our viewshed results are more accurate and reliable than what is available on the market. Hosted using our Intermap cloud, Viewshed allows you to specify transmitter and receiver information to generate a detailed colorized viewshed anywhere in the world without the need to manage and host data. Viewshed is available through our web application or through an application programming interface (API).

Key Benefits & Features

Global Coverage
Access Viewshed anywhere on the globe! Our service is available 24-7

Large and Small Areas
Perform viewshed analysis from 1 to 100km in radius

Simple Web Application
Easy to use app, accessible over the web by any standard browser

Incredible Accuracy and Details
Based on elevation with an absolute vertical accuracy of up to 1m RMSE with pixel size of 1m (region dependent)

Reliable and Proven
Thousands of viewsheds used regularly by customers worldwide across many industries

Integrate Into Your Business
Integrate Viewshed directly into your workflow using our APIs

Built on the foundation of NEXTMap

Viewshed is generated from our highly accurate NEXTMap elevation models including NEXTMap 5 and World 10 data sets. Viewsheds can be run over either a digital surface model (DSM) or digital terrain model (DTM) with features such as buildings and trees removed. Our NEXTMap database is frequently updated providing you with the most current information.

Low cost of ownership

Intermap's analytics services draw from a global database of over 500 million km2 hosted in our secure cloud architecture. No need to pay for complicated data management systems, processing, or acquisition costs. Across a continent or just a neighborhood, Intermap's analytics provide you answers and information from a huge database, for a fraction of the cost.

Fast Results

Create complicated viewshed analysis in seconds, instead of minutes or hours in commercial GIS tools.

Flexible Access

Analytics are available via API, for integration into your application, or via a web application. Additional data sets, online tools, and analytics are also available to perform simple analyses from any web browser and enable better terrain-based decisions without the need for any GIS software.
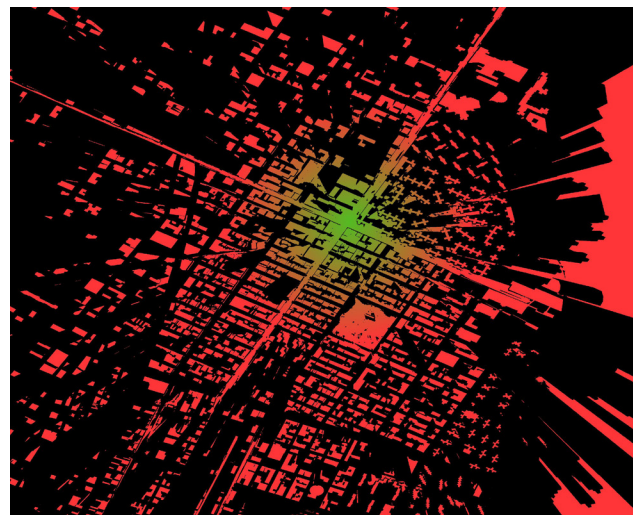
Specifications

Item	Specification
Data Type	Profile
Radius	1-100 km
Absolute Vertical Accuracy	Up to 1m RMSE (1.65m LE90)*
Subscription	Pay as you go

*Resolution and accuracy depend on region and data set selected

Learn more

For more information about how you can benefit from Intermap's Viewshed Analytics, please contact your Intermap representative or an Intermap business partner.

Viewshed over New York (above) created through the Viewshed web application

NEXTMap® Data Subscriptions are available now.
Contact Intermap to access free demo datasets and analytics today!