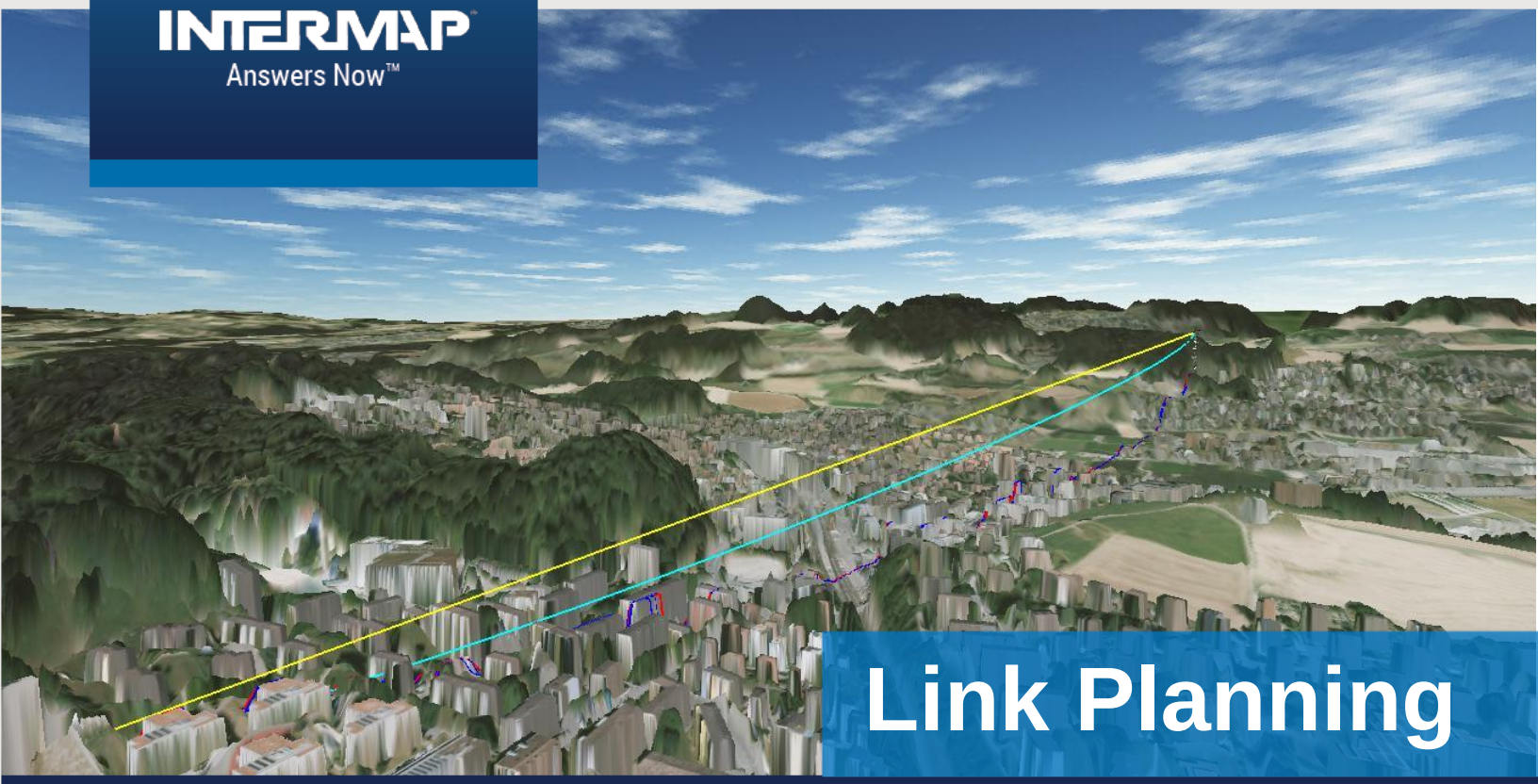
INTERMAP
Answers Now™



# Link Planning

## Telecommunications Application

## Detailed Global Wireless Planning

Using Intermap's Link Planning API, customers can leverage the best available NEXTMap datasets to assess their point-to-point microwave and millimeter wave wireless products. With the increase in frequency and bandwidth in RF radio links, accurate elevation data sets with high spatial detail, global coverage, and excellent vertical accuracy are required. Intermap's data provides a solid foundation for link planning as it is seamless, uniform, and void free. The inclusion of buildings in our latest NEXTMap One product line ensures customer applications can be reliably modelled.

## Key Benefits & Features

### Worldwide Coverage
Data covering 100% of the Earth's surface is available for Link Planning.

### Web-based Application
All data hosted in the cloud ensuring accessibility from all devices.

### Subscription Model
Pay for only the data you need for the profiles you use.

### Enhanced Spatial Detail
Details such as building models add to the spatial detail and reliability of link profiles.

### RF Calculation
Includes propagation loss calculation customized to your antenna frequency.

### Reliable Functionality
Intermap has 10 years of experience building web applications for Telecom.

## Online Link Planning

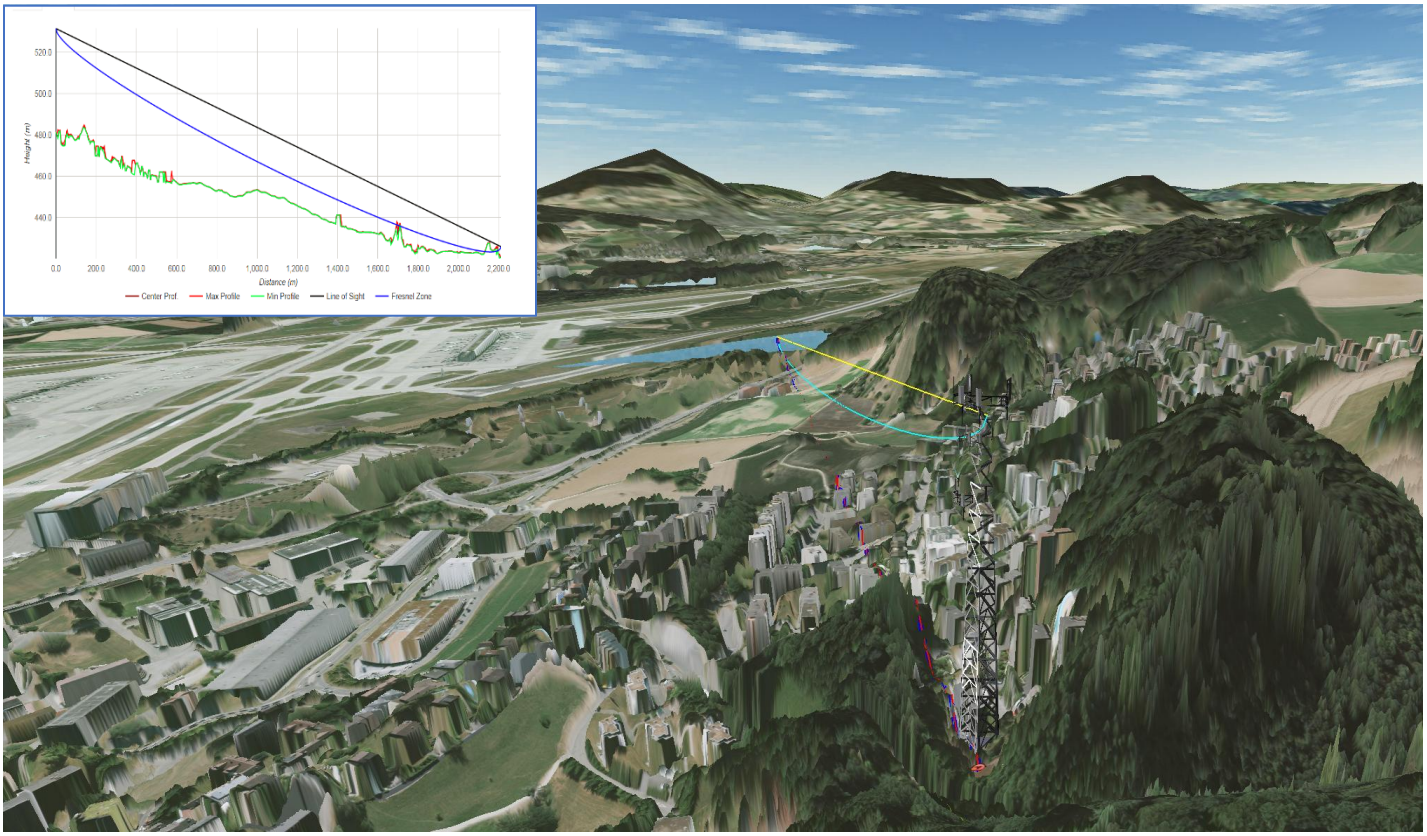
Intermap's Link Planning application is a cloud-based API and web-based application that allows you to quickly and efficiently identify obstructions penetrating the Fresnel zone or blocking the lines of sight between towers. Analysis can be performed on numerous links using tree and structure height information from our NEXTMap clutter height data. Frequency settings can be controlled to allow antenna comparison for your wireless links. The online access takes the data management out of your hands and allows your focus to be on finding the right hardware and location for your customers.

## Current High Accuracy Data

As the basis for the Link Planning application, Intermap's NEXTMap One elevation data set provides a unique foundation for telecommunications applications. The elevation dataset is created using Intermap's strict quality management process and provides the user with spatially rich features such as buildings, flattened roads, and natural terrain. It is built with a variety of inputs, including 2016 or newer satellite data. It is available globally and is ready for use in your network planning.



*Example of point-to-point microwave link Fresnel zone profile using NEXTMap One terrain data.*




Access to the Intermap Link Planning services are available now. Contact Intermap to inquire about a demo today!