The World on Demand

Add high-resolution data to any SignalPro® project with EDX Cirrus™ – the annual data subscription service

EDX WIRELESS

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Next Generation Wireless Design

EDX CIRRUS

High-resolution data subscription service

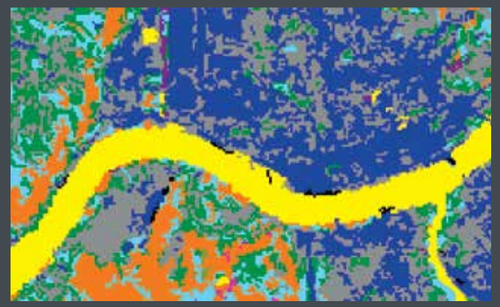
EDX Cirrus includes high-resolution 1m/30m Hybrid Clutter data, terrain, vector, demographic and social media data. The EDX Cirrus service provides regularly updated data, ensuring users have the most current and accurate information available.

Annual subscription plans include the continental US, global data, or data for a particular service area as defined by one-square degree tiles; providing a cost effective alternative to purchasing data outright. Current SignalPro users can utilize EDX Cirrus data in existing projects.

FEATURES

3D Modeling

1m/30m Hybrid Clutter data consists of multiple data sources and offers accurate data with resolutions as high as one meter in areas where it is most applicable. For example; you would see higher resolution data in dense, urban areas and lower resolution in rural type area that are sparser in land use consideration and do not require a higher resolution database. Because EDX Cirrus data can show street canyons and often times individual building footprints, they are a critical part of designing networks in which transmitters or mobile units area are at a street level where roads, buildings and other obstructions need to be taken into account to properly model system coverage



30m USGS Clutter Data

1m/30m Hybrid Clutter Data

The above images illustrate the difference between clutter data from the 30m USGS 2011 release and 1m/30m Hybrid data over an area in Cincinnati, Ohio.

UPDATED DATA

Stay Current

EDX Cirrus eliminates the risk of purchasing data that may not accurately portray a service area environment in the future. The service provides regularly updated data to reflect changes in developing areas and ensure users are always working with the most current and accurate information.
The databases in EDX Cirrus also receive regular, global updates with new areas consistently being added.

DATABASES

- 1m/30m Hybrid Clutter
- 10m Terrain
- 2D Vectors
- Demographics
- Social Media Data

CIRRUS DATABASES

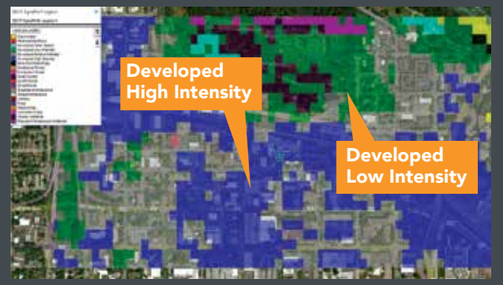
Reliability

COMPLETE

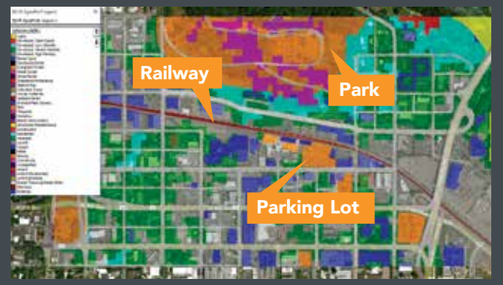
Each subscription to EDX Cirrus includes complete databases to model each phase of network planning, through deployment and optimization. Using EDX Cirrus in conjunction with SignalPro gives engineers the ability to visualize service areas and simulated performance, model system traffic, query land use and demographic data, create custom reports and more.

ACCURATE

Many common databases are used in varying applications and as such, not all land use categories are relevant in the planning of wireless networks. Often times, several categories and areas are combined, thereby assigning blanket attenuation values to several land use areas. EDX Cirrus is a custom database, specific to RF planning.



30m USGS Clutter Data



1m/30m Hybrid Clutter Data

Area in Eugene, Oregon. Hybrid Clutter depicts a "Park" category that is defined as "Low Intensity" in the USGS data. The Hybrid Clutter also categorizes "Railway" and "Parking Lot" - which are combined into a category of "High Intensity" with the USGS.

SUBSCRIPTION PLANS

- Global Data Plan
- US Data Plan
- Service Area Data Plan

Subscriptions

Flexible subscription plans allow you to subscribe to the entire globe, to a particular service area and everywhere in between. Subscribe for one year for short term projects, or several years for ongoing projects.

ADD-ON DATA

EDX offers additional database layers that can be added onto your subscription plan such as clutter height data, building data and more…

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