GE VERNOVA

GRID SOLUTIONS

PROPAGATION STUDY AND WIRELESS NETWORK DESIGN

Design your network right, the first time.

Performing a preliminary propagation study is crucial to understanding the optimal design for your network. Let GE Vernova engineers review your network landscape to better understand the optimal design for your application.

Key Benefits

- Provides optimal network performance with a comprehensive understanding of your throughput, distance, and link reliability
- Provides an efficient network design by understanding the signal levels in each location
- Provides accurate modeling with user coverage area in mind
- Cost savings through maximizing uptime and reduced number of truck rolls.
- Cost effective investment for a quality, robust wireless network design
- State of the art EDX SignalPro software allows us to quickly compare measurement data and analyze system performance, providing you with a comprehensive report in a timely manner

Key Features

- Simulated with high resolution digital terrain and ground clutter databases to predict radio link quality
- EDX SignalPro software is hardware and vendor agnostic and supports systems from 30MHz to 100GHz
- Creates accurate models of any surface area, including terrain, land-use building, vegetation, and more
- Equipped to handle large networks that contain any number of transmitters, devices, or nodes (1M+ devices)

Available Reports

- **Area Studies**

  Maps of predicted areas of coverage from 1 or more AP's to a default remote
- **Path Profiles**

  Maps of path elevations, ground clutter, Fresnel zones, with link budgets
- **Point-To-Multipoint Studies**

  Maps of predicted signal levels from 1 or more AP's to multiple remotes with more than one configuration
- **Google Earth overlay**

  Propagation study exported to google earth format

Wireless Network Design

- Wireless network designed to 99.999% availability
- Provide comprehensive report with everything needed for a fully optimized wireless network

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For more information
visit **GEGridSolutions.com**

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