

GRID SOLUTIONS

PROFESSIONAL SERVICES FOR WIRELESS PRODUCTS



Delivering High-Performance Communication Networks for Industrial Applications

GE Vernova's Critical Infrastructure Communications (CIC) offers a range of services and project management capabilities that can be tailored to provide a fully engineered, deployed and supported system to meet application specific needs.

Addressing Industry Challenges

- Network, Application and Technology Complexity
- Cost and Resource Constraints
- Cybersecurity Concerns

Key Benefits

- Access to technical expertise that utilizes state-of-the-art tools and highly experienced system designs
- Minimizes overall costs and reduces risks through the provision of a guaranteed working design
- Proven processes identify and reduce risks and failure modes prior to implementation
- Project Manager helps ensure timely implementation within scope and on budget
- GE Vernova engineering engagement allows tailoring of products to meet your organization's specific needs

Industrial Expertise

- Extensive experience in industrial environments, such as energy, transportation, and oil & gas
- Services directly from the manufacturer guarantees the highest level of product knowledge
- Systems integration with 3rd party devices

Quality Processes

- Utilize best-in-class processes and standards, such as Six Sigma and ISO
- Testing, quality control, and Factory Acceptance Tests

Project Scalability

- Ability to quickly adjust resources to support project deployments of all sizes
- Access to GE Vernova's subject matter expertise in various domains ranging from products to security to applications
- Comprehensive project implementation from design through deployment to ongoing support



GE VERNOVA

Service Offerings

GE Vernova's CIC Professional Services team has a long history and extensive experience in supporting organizations of all sizes in implementing reliable and secure communication networks. Our team will tailor services and project management solutions to meet a broad range of customer requirements and applications that can easily scale where required:



Analysis & Design

Propagation Analysis

Software modeling is utilized to predict the wireless coverage for the equipment needed to meet your application requirements.

Types of reports available:

- Area Studies
- Path Profiles
- Point-To-Multipoint Studies
- Google Earth overlay

Field RF Survey

Characterize and test the RF environment to optimize coverage

Traffic Modeling

Analysis of traffic patterns helps us understand your network's unique application characteristics. This information is utilized to tailor a model to predict data traffic flows and provide an optimal network design.

Application Network Planning and Design

GE Vernova's engineers can propose a network plan tailored to meet individual requirements including:

- Statement of work with time required to complete the project
- RF design & network drawings
- Hardware, firmware, and physical infrastructure recommendations
- Network management configuration
- Creation of golden configuration scripts
- Traffic engineering
- Standard and customized enclosures



Implementation

Installation

Our team can install, configure, and test all devices, antennas, and accessories at each required location as identified by GE Vernova's design work or by the customer.

Commissioning

- Our team will verify the performance of the equipment to ensure it meets the system design specifications for each individual device
- Setup, configuration, and verification of edge-to-edge services over the network
- The inspection will include verification of design drawings, installation integrity of fiber, antennas, and antenna cable, along with line power connections

Project Management

GE Vernova assigns a project manager at the beginning of each project to lead the team throughout the project lifecycle, who acts as an extension of the customer's team to coordinate and drive all aspects of the project to a successful outcome.





Support and Maintenance

Customized Solutions

Our team can customize services to your organization's individual needs. Our customized services apply to GE Vernova and/or third-party hardware including radios, power supplies, batteries, RTUs and sensors.

Training

Standard or customized options available at our manufacturing plant in Rochester, NY or at your preferred location.

Onsite System Optimization

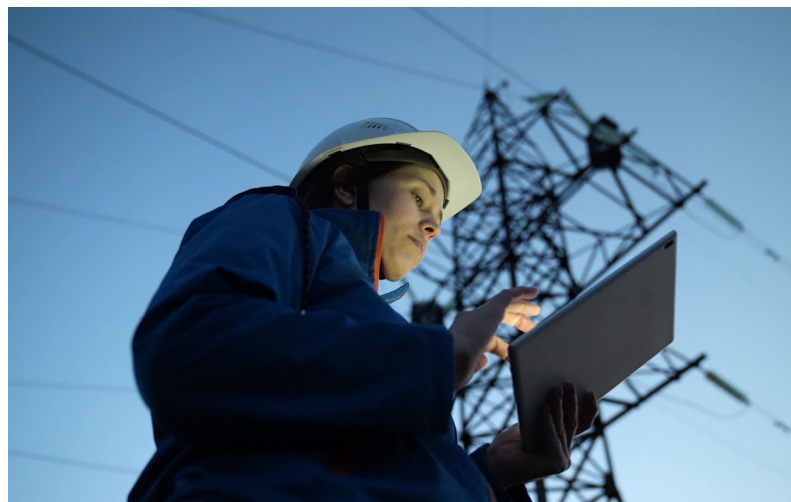
Our team can conduct studies on existing system sites, examine current setups, and make recommendations for improving network performance. These studies include, but are not limited to examining the following components:

- Antenna and feedline systems
- Signal levels and interference
- Radio configurations
- Firmware versions

Preventative Maintenance Package

Pre-packaged maintenance offering takes the stress off your internal resources and allows us to review the current health of your network including:

- Preliminary propagation analysis
- Antenna feedline evaluation
- Throughput analysis
- Configuration review
- Network optimization through traffic checkups
- Network health checkup
- Ground testing and installation check
- Firmware upgrades



Platinum Support Plan

	BASIC SERVICE PLAN	PLATINUM SERVICE PLAN
Hardware Warranty	X	X
Software Updates	X	X
8am-5pm EST Basic Phone Support	X	X
1 Business Day Spare Shipment		X
1-Week Onsite Field Engineer Support		X
1-Week Onsite Training		X
Annual Remote Network Analysis		X
24/7/365 Priority Phone Support Including		X
4-Hour Phone Response Time		X
4-Hour Problem Resolution		X
12-Hour Problem Resolution in Case of Modifications		X

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