

# Integrated EF&I Solutions



- Infrastructure Knowledge and Expertise
- Proactive Customer Relationships
- Quality and Reliability
- Service Choice and Flexibility
- Comprehensive North American Footprint
- Dedicated Engineering Consultant and Installation Team

## GE Engineering & Installation Services

GE understands that full EF&I Services for your network is crucial to your success. We are experts with experience in designing and installing infrastructure as well as product implementation. GE Professional Services are designed to ensure our customers can rely on our integration expertise from day one of planning for a new project. While leveraging our experienced engineering and installation staff we are able to provide full EF&I service to include Transport, Infrastructure and DC Power.

## Installation Deployment Services

- Infrastructure Build-out
  - Strut and Auxiliary Framing Grids
  - Earthquake-rated Infrastructure/Cable racking
  - Raise Floor (MI90) Hardware
  - Grounding Systems/Electrical
  - Fiber Management
  - Fire Stopping
- Equipment
  - Relay Racks and cabinets
  - DS1 and DS3, Ethernet and Fiber connectivity
  - ATM routers and switches and data products
  - Data Migration/Conversion
  - Secondary DC Power (BDCBB/BDFB/SPDU's)
- Decommissioning and Disposal
  - Site Power Down
  - Battery plant, death certificates
  - Cable mining and rack removal
- Test & Turn-up
  - Test procedures, circuit provisioning, and commissioning for numerous systems

- Rack and Stack
- Quality Assurance Programs
  - Focused on customer standards
- Dedicated staff of auditors for on-site review/reporting & asset tracking
  - Professional Project Management & Logistical Services

## Network Engineering Services

- Engineering Site Surveys
- Drafting Services
- Scope of Work Creation
- Engineering Design and Capacity Planning
- Site Build-out Design, to include:
  - Cable Racking Systems
  - Fiber Protection Systems
  - Strut & Framing Grids
  - Seismic Design
  - Fire Stopping/Cable Hole Design
  - Grounding Design
- Secondary Power Design & Engineering
- Data Migration/Conversion
- Plant and office alarm assignments
- Office inventory, frame layouts,
- Records update & asset tracking

## Who We Are:

- Bell Labs heritage of innovation in power electronics
- Global provider of hardware, software, and services that deliver high-efficiency power conversion solutions to OEM customers, telecom service providers, and large enterprises
- 2000+ employees with in-depth technical expertise in 25+ locations worldwide
- 200+ North America Services experts with experience spanning 30+ years

## What We Do:

- Energy Systems solutions for telecommunications, wireless, and cable broadband service providers leveraging turnkey project management, engineering, installation, and maintenance services experience
- AC-DC OEM embedded power supplies for datacom, telecom, medical, and industrial applications leveraging personalized service and support
- DC-DC OEM embedded power conversion solutions designed for the most demanding board mounted power applications in communications, computing, storage, industrial, and medical markets leveraging patented Tunable Loop™ technology
- Global manufacturing base provides world-class quality and delivery at competitive prices

## Why We Are Different:

- Services for complex site engineering and deployment programs; to full operations and lifecycle management
- Industry's best customer experience built on a foundation of world-class operations
- End-to-end Total Efficiency™ architecture that dramatically reduces utility and cooling costs
- Technology designed for decades of reliable use in extreme environmental conditions
- Standards-based, open-architecture solutions to address diverse needs, accelerate ROI, and lower TCO
- Our thought leadership and attention to detail ensures
- Proven quality and peace of mind
- Longevity of deployed power plant
- System recoverability and future growth flexibility
- Safety and reliability with "Do it once, do it right, do it now, on-time, within budget" culture

## Contact Us

For more information, call us toll free at **+1 877 546 3243**, or +1 972 244 9288 and visit us on the web at [www.ge.com/powerelectronics](http://www.ge.com/powerelectronics)



imagination at work