

ENGINEERING

- ◆ NETWORK ARCHITECTURE & DESIGN
- ◆ MULTI-VENDOR INTEGRATION
- ◆ MATERIAL SPECIFICATION
- ◆ CUSTOM APPLICATIONS
- ◆ SITE SURVEY & DETAIL ENGINEERING (AUTOMATED TOOL)
- ◆ TEO WRITING

IMPLEMENTATION

- ◆ PRE-WIRE, LOGISTICS, STAGING
- ◆ INFRASTRUCTURE
- ◆ EQUIPMENT INSTALLATION INCLUDING POWER
- ◆ TEST & TURN-UP (LOCAL & END-TO-END)
- ◆ SYSTEM INTEGRATION
- ◆ QUALITY ASSURANCE
- ◆ DECOMMISSIONING AND REMOVALS

PROJECT MANAGEMENT (PMI CERTIFIED)

- ◆ WE MANAGE:
 - RESOURCES
 - MATERIALS
 - SUPPLIERS
 - BUDGETS
 - PERFORMANCE
 - REPORT REQUIREMENTS

LIFECYCLE SUPPORT

- ◆ PRODUCT & NETWORK SUPPORT
- ◆ HELP DESK SERVICES
- ◆ FIRST RESPONSE SERVICE
- ◆ NETWORK MAINTENANCE
- ◆ SPARES MANAGEMENT
- ◆ TRAINING
- ◆ DOCUMENTATION

SOLUTIONS FOR DEPLOYING & SUPPORTING TODAY'S TELECOMMUNICATIONS TECHNOLOGY

TODAY'S TELECOM MARKETPLACE faces rapid change in technology, price structures and competition. Telecommunication carriers are now forced to reconsider the traditional models for network growth and maintenance. Reduced revenue, constrained capital expenditures, tightened operating budgets and workforce reductions have become reality. This is where NEC's Services Group can help.

NEC's Services Group are **experts in deploying and supporting today's telecommunication technologies**. Our credentials are based on an extensive track record of accomplishments and a long history of building networks for major North American carriers for over 40 years. NEC offers Engineering & Implementation services as full turn-key solutions and is a **multi-vendor service provider**. Our success comes from our time-proven framework of best practices, innovative tools, and extensive resources which ensure the best possible result.

NEC Services Group is a **full-service partner**, not a compromise. We can evaluate, design, build, manage, support, train and document a product or network. NEC services provide an **effective means for cost control** whether you are building a new Central Office or augmenting your existing network.

EXPERTS IN DEPLOYING & SUPPORTING TODAY'S TELECOMMUNICATION TECHNOLOGIES

PROVEN RESULTS

NEC has a proven track record of providing high quality services that consistently meet customer delivery and performance requirements.

- ◆ APPROVED VENDOR for major carriers in the United States
- ◆ Recent projects include:
 - Management of extensive central office builds from California to Connecticut for a major RBOC and
 - OC-192 Coast to Coast IP Backbone Project. NEC completed concept, design, development, delivery and installation & testing (Full Turn Key) to meet customer's deadline.
- ◆ Consistently met and exceeded customer delivery and performance requirements

WHAT OUR CUSTOMERS SAY

- ◆ Equipment engineer commented **"NEC was very proactive, easy to work with and communicated job status well."**
- ◆ Project Manager said **"While there were many challenges associated with the project, NEC exceeded my expectations throughout. Their installation expertise and dedicated project management were unparalleled."**

COMMITMENT TO QUALITY

- ◆ TL 9000/ISO 9001/2000 certified
- ◆ PMI certified
- ◆ Quality consistently above customer standards

COMPREHENSIVE TECHNOLOGY EXPERTISE

- ◆ SONET
- ◆ WDM
- ◆ DCS
- ◆ VoIP
- ◆ IP Routing
- ◆ ATM Switching
- ◆ Ethernet
- ◆ WAN, LAN, and MAN



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