

Telecommunications Infrastructure Specialists

Engineering Services

NextGen Engineering Services Division provides DS0 to high-speed fiber optic backbone installation, test, certification, and turn-up services. Extensive experience and up-to-the-minute training ensures that customers receive dependable network expertise across the full spectrum of network equipment, applications and protocols. Whether you need assistance with program management, network software management, provisioning, technical support, maintenance or any other area where your networks can benefit from engineering expertise, NextGen has the knowledgeable professionals to satisfy your requirements.

Engineering Services offers expertise in all areas of telecommunications from wired to wireless and from DS0 to high-speed IP and TDM (SONET OC-3 to OC-192 and SDH STM-3 to STM-12, routers) installation, test and turn-up for enterprise and inter-exchange (long distance) providers. Our experienced Engineering Services professionals also have expertise in UNIX platforms and Solaris operating systems, software quality assurance, network management applications and program management. Specifically, we provide the following network expertise:

- DS0 to High Speed fiber Optic Systems at Speeds to OC-192
- VoIP
- Wireless and CCTV
- Test & Turn up
- Certification
- Network Planning Upgrades and Maintenance
- Dense Wavelength Division Multiplexers (DWDM)
- Network Management Systems
- Network Maintenance via 24x7 Support
- Technical Support for Operations Centers
- Network Element Provisioning
- Installation, Test and Turn-Up
- Technical Training

Full-Service Network Engineering

NextGen Engineering Services Division serves three of the top five domestic inter-exchange carriers, several major global telecom equipment

suppliers, and other leading commercial and government organizations in the following areas:

Program Management

- System Design and Cost Control
- Resource Allocation
- Time-Line Tracking and Management
- Test Equipment Identification and Procurement

Network Management

Software Quality Assurance

NextGen's staff of software professionals is experts in performing post-development software integration test and evaluation, which includes:

- Test Procedures
- Performance Verification
- Software Stress Testing
- Regression Testing

Consulting Services

NextGen offers a host of services tailored to meet specific customer needs. We can provide consulting services that specifically match your needs and build a team of professionals who will provide exactly the right mix of expertise.

NextGen Highlights:

Since 1997 we have provided IT, Telecom, and surveillance products and services to our clients around the globe. We count three of the top five IXC's, US Interior Department, US Department of State, US Army at Fort Campbell, Ohio National Guard, and National Institute of Health among our present and past clients.

Company facts:

- US Government Certified 8(a), SDB firm
- GSA Schedule 70 (IT & Telecom) # GS-35F-0457N
- GWAC (Government Wide Acquisition Contract) 8(a) STARS Contract # GS-06F-0353Z
- Naval Surface Warfare Center - SeaPort N00178-08-D-5517
- DUNS # 039329425
- Cage Code 1LKS1