

Statement of Qualifications

Core Competencies

NETWORK ENGINEERING & DESIGN

Site Surveys, Equipment Evaluation, Voice, Data and/or Video Systems Design, Generation of Specifications, Systems Test & Acceptance, Emergency Response Communications Planning, Customer Training, Documentation

CONSTRUCTION & INSTALLATION

Stabilized Antenna Systems, Communications Shelters, C & KU Band Earth Stations

LOGISTICS & REMOTE SITE INTEGRATION

Site Logistics, Staging, & Materials Management

PROJECT & SITE MANAGEMENT

Contract Administration & Budget Adherence, Vendor & Subcontractor Management, Project Management & Reporting During All Phases (Design, Engineering, Testing, Procurement & Staging, Installation, Training & Documentation)

PREVENTIVE MAINTENANCE & SERVICE



How We Achieve Success

- ✓ Putting our clients' needs first.
- ✓ Providing a solution that is customized to each client's unique requirements.
- ✓ Focusing specialized technical expertise onto each client we serve.
- ✓ Maintaining the highest technical & ethical standards.
- ✓ Staying on top of changing regulations and technological advancements in the industry.

Quality

At SDN, quality is a way of doing business – it is essential to our culture. To us, quality means first understanding our clients' needs and expectations, then developing an approach to meet their needs in a manner that exceeds expectations. We consistently look for ways to improve our processes, our tools, and our approach to doing business so that we can add more value to our clients' business. Our Quality Program provides real and measurable value to our clients. We develop project-specific quality assurance plans. These plans identify how tasks will be carried out and provides documentation that ensures complete and consistent performance of activities. This results in enhanced communications, shared goals, reduced order changes, minimized re-work, and better overall quality of work.

Safety

SDN maintains an aggressive safety program, and has an excellent safety record. We support and implement a zero tolerance for unsafe practices and a zero accident and injury policy on all projects. Early in the design phase, the project manager will develop a health and safety plan that is specific to the potential hazards at the site. Job sites are regularly inspected by the corporate safety officer and continuously monitored by the on-site safety professional. All of SDN's project professionals attend operation safety training annually, and safety meetings are held regularly to promote safety awareness.

Company Profile

With over 30 years of industry history, SATCOM Digital Networks has successfully operated under demanding logistical and environmental constraints. With a well-deserved reputation for exceptional workmanship and timely response, we hold to the highest safety standards and respect our clients' budgets. We have the experience, innovation, and the team to help identify the most practical and cost-effective solutions for your satellite communications needs. Building on over 100 years of combined industry presence, our multi-disciplined team has successfully been on the forefront of the satellite communications industry, from VSAT to IPTV and all points in between.

Business Philosophy

There are four guiding principles by which we manage our business:

1. Our service provides SOLUTIONS to problems. We first understand our clients' project goals, and design solutions that are consistent with those goals.
2. Teamwork and "win-win" relationships with our clients, vendors, subcontractors and associates are the foundation of our business.
3. We provide cost-effective strategies that fit the clients' budget and schedule.
4. We take pride in the quality of our work.



Corporate Headquarters:

20 Leonberg Road, Building E
Cranberry Township, PA 16066

800.2SATCOM ext. 119
www.satcomdn.com

Service Features and Benefits

SATCOM Digital Networks provides a complete array of satellite services and capabilities

Key Industries Served

OIL & GAS

We understand the energy industry demands efficient, reliable high-throughput connectivity for bridging their headquarters IT systems, technical experts, pipeline facilities and drilling platforms. We offer reliable and cost-effective solutions for fixed, temporary and mobile applications.

MINING

We can help you communicate in places where others cannot. We can meet your requirements no matter how challenging they may be.

EMERGENCY & FIRST RESPONSE

We have the ability to quickly deploy reliable communication systems to remote locations for vital situations.

BUSINESS CONTINUITY & DISASTER RECOVERY

Vulnerability reduction, disaster preparedness and recovery planning is designed to reduce the disruption of mission-critical communication links when unexpected disaster strikes.

For more information on any of our products or services please visit us

on the Web at:

www.satcomdn.com



Uplink/Teleport Services Our 24 x 7 x 365 Network Operations Center offers redundancy and disaster recovery services to ensure your network is always on.

Redundant and Scalable OC-12 Connectivity - Our fiber ring allows access to the Level 3 (Vyvx) broadcast quality fiber network, LTN HD over IP platform and The Switch. We can provide multiple paths of SD and HD video distribution throughout the U.S. and many international locations. We provide hybridized solutions of fiber and satellite transmissions to meet your demands.

Safe and Secure - The physical plant has the latest environmental monitoring and protection systems. Our facility is completely redundant in both the ability to provide a self-contained power solution and with the RF transmission chain providing a highly reliable seamless broadcast.

Mini-Link The Mini-Link is fully self-contained and is fitted with the latest technology from Advantech Wireless Inc. Mini Link's systems



include Advantech's 1.2m Carbon Fiber ENTERPRISE 120, auto-pointing antenna system, Transmit power of 50 watts utilizing GaN /SSPA and Dual-Waveform 6520 modems. It has on-board power generation and offers Data Rates from 64K to 40 Mbps in the return Link and up to 155 Mbps Forward. The mobile platform can support both shared and SCPC return links and provides remote cellular hot-spots in under-served locations.

Satellite Phones SDN offers a full array of satellite equipment and airtime from Iridium and Inmarsat.

DIGISTAR VSAT Our VSAT networks are ideally suited to meet the needs of even the most demanding application or geographic location. We specialize in secure, robust, and flexible networks with end-to-end quality of service.

Specialized to your requirements - Our customers benefit from our personalized application of cost-effective and secure voice, high-speed data and video Internet connections. Easily deployed portable VSAT solutions are tailored for optimal delivery of communications, disaster recovery and security applications.

Turnkey solutions - SDN has the in-house capability to offer total turnkey solutions for a VSAT network and currently supports hundreds of satellite telecommunications installations nationwide.

Customized- The Digistar VSAT satellite broadband service can connect all your sites on a single satellite and can be customized to suit any unique requirement. We offer both low-priced shared bandwidth or dedicated bandwidth with high throughput solutions.

VoIP SDN's Digistar VoIP platform delivers enterprise-class, low latency calls for remote connectivity in any environment, using the Advantech Wireless Discovery Hub. Each solution is tailored to every customer's specific requirements, guaranteeing high quality, business grade calls. The Digistar VoIP platform utilizes customized call routing delivering the call to the PST quickly and efficiently ensuring calls are easily routed to remote phones, office phones or mobile phones. Digistar's VoIP over satellite provides office quality connectivity from any remote site and is ideal for remote sites, where satellite can reach but traditional fixed-line or cellular cannot.

Private Networks We have decades of experience in designing, procuring and integrating a variety of complex systems into one secure and customized network. SDN will work with you to design a cost-effective, reliable solution to meet your needs now and in the future.

Video Broadcasting We operate with the most current industry accepted video standards such as MPEG-4, DVB S-2 and NS-3 to help our customers enjoy the most cost-effective use of transponder space for training, corporate communications and private network media distribution. MPEG-2 is available for existing legacy networks.

SCADA/M2M SDN's satellite network enables reliable and cost-effective monitoring and remote management of oil & gas equipment.

Space Segment
SATCOM Digital Networks features competitive satellite capacity and broadcast services using the Amazonas 2/3 satellites.

