

A Total Engineering Package

The sum of the three engineering products is a complete understanding of the project prior to execution. This is a tried and true engineering system – indicative of the professional approach DasNet Corporation takes with each and every project. Let DasNet engineer your next project!

DasNet Has Experience

- Engineering plans for Hardened Theater Command Post in Osan, Korea
- Engineering plans for Command Center upgrade in Uijeongbu, Korea
- Engineering plans for Communications Center in Riyadh, Saudi Arabia



We are dedicated to providing information technology services and solutions to meet our clients' needs.





DasNet Corporation, an 8(a) certified network integration firm, provides an array of communication solutions and services for the United States, Far East, and Middle East markets. We provide network systems integration and professional engineering services ranging from global to local communication systems.

Professional Engineering Services

DasNet utilizes an internally developed Program Engineering Model for conducting commercial and military engineering design and integration efforts. Our model, which consists of four phases (Program Development, Project Execution, System Certification, and Equipment Preservation), expands upon systematic principles of engineering essential for civilian applications to encompass those unique processes and procedures for military projects as well. This model serves as the foundation of the engineering, integration, and installation guidance for development of Site Survey Reports, System Design Plans, and Engineering Installation Packages.

The Design and Engineering phase is the first and foremost step in our Program Development phase. During this phase, crucial details are established for developing a successful project. Upon receipt of our client's order, DasNet assigns an experienced Project Manager, who functions as the team leader for a multi-disciplined team of engineers with expertise in each of the vital developmental areas required to produce high-quality and effective engineering plans. DasNet engineers are extremely experienced in communicating client needs and engineering solutions and developing comprehensive engineering reports in the form of three major plans:

- 1. Site Survey Report
- 2. System Design Plan (SDP)
- 3. Engineering Installation Package (EIP)



DasNet Corporation is a Network Systems Integration firm specializing in providing communications infrastructure solutions and services.

Site Survey Report

The primary objective of the site survey is to gather data as a starting point for the engineering of your (the client's) communications and facilities infrastructure. Some of these activities begin before arriving on-site and are verified once approval to conduct the actual site survey has been granted. This includes reviewing your existing documentation such as previous site surveys, red-line drawings, site drawings, rack elevation drawings, technical reports, facility reports, and any other pertinent data source or reference material for the site utilizing a comprehensive site survey checklist. The site survey allows the DasNet team to collect complete and accurate data, which produces a high-quality design for the proposed communications network and associated integration. The site survey and report provides:

- · Project Scope
- · Site Survey Activities & Results
- Meeting Minutes
- · Recommendations
- Agreements

At the end of the site survey, all documentation is combined into a single, comprehensive, Site Survey Report which, along with a Site Concurrence Memorandum describing the current state of the facility and the site design requirements, gets distributed to you (the client) for review and validation. Validation of this document ensures your expectations are documented and serves as the basis for the development of the next document, the System Design Plan.





System Design Plan

DasNet engineers interact with our client's representatives allowing them to contribute to accomplishing the system design. This effective interaction ensures a full understanding of your communications needs, and that those needs are translated into a functional system requirement that meets your performance objectives. The results of this functional analysis - weighed against the constraints of budget, schedule, and cost realism - form a solid basis for conducting the project synthesis and developing a base and alternative solutions. After the data gathering period, the understanding of the requirement, and the establishment of constraints, the DasNet team assembles to determine the communication network possibilities. DasNet engineers develop alternatives, perform a risk assessment, analyze the alternatives, and research trade study results. As a result, an optimum solution is selected and presented to you (the client) for approval. The System Design Plan provides:

- Project Scope
- System Design Concept
- Major Installation Bill of Materials
- Drawings



As-Built Package

If you choose to have DasNet do your project implementation (installation, validation, and documentation), in addition to the three already mentioned packages, you, the client, will receive an as-built package. This package will document the actual installation with accurate drawings, lists of materials, product warranties, product information, and points of contact. This package will let you know:

- What DasNet Installed
- Who To Contact For More Information
- · The Specifications of the System Components



Engineering Installation Package

Finally, the DasNet engineers develop and deliver an Engineering Installation Package. The Engineering Installation Package provides a comprehensive list of the materials and equipment to procure and detailed installation instructions for those components. It is the blueprint for your (the client's) installation team. The Engineering Installation Package provides:

- Project Overview
- · Installation Team Responsibilities
- Project Concurrence Memorandum
- · System Design
- Bills of Materials
- Installation Plan & Drawings
- Validation & Test Information

