



Telecoms Systems Integration (TSI)

Global communication infrastructure
and security for remote operations

nesscogroup.com

Houston, US
Aberdeen, UK
Dubai UAE
Dammam KSA
Doha, QA
Madrid, ES
St Johns, CA





Customized network communications

NESSCO's System Integration team specializes in creating custom-designed telecommunications and security solutions. These solutions are meticulously engineered, assembled, and tested by our skilled personnel. Each project is crafted with the goal of simplifying the complexities and challenges that can arise during planning, development, and implementation. Our SI team ensures seamless project execution by offering comprehensive internal and external project scheduling, budget planning, and coordination, effectively mitigating any potential issues throughout the project lifecycle.



The NESSCO Systems Integration portfolio consists of:



1

Capital Projects FEED and EPC Proposal

The successful creation of a lump sum budget begins with Front End Engineering (FEED) and culminates in comprehensive technical and commercial proposal offers. NESSCO provides both FEED and full TSI Project Proposal Services, focusing not only on the budget but also on the specific technical needs of your project. During these stages, NESSCO will consult with you to customize telecommunications solutions that align with your project's requirements and construction schedule.

2

TSI/Data Center Project Execution

NESSCO's dedicated team of highly experienced Project Managers and Telecoms Engineers will oversee your capital project from the kick-off meeting through all phases, including Detail Design, Sourcing, Build, Integration, and Testing. Each project is assigned to a Project Manager who manages both internal and external project scheduling and budgeting. Utilizing a range of software applications, every detail through the project timeline is meticulously tracked.



3

Detailed Engineering Design

In the detailed engineering design phase, NESSCO collaborates with your organization to tailor services to your project needs. Each project is assigned a highly skilled engineering design team composed of experienced telecommunications professionals. Our sourcing department procures all equipment through our global network of manufacturers, ensuring full compliance with your operational specifications and final engineering design.

4

Integration, Build, Factory Acceptance Testing

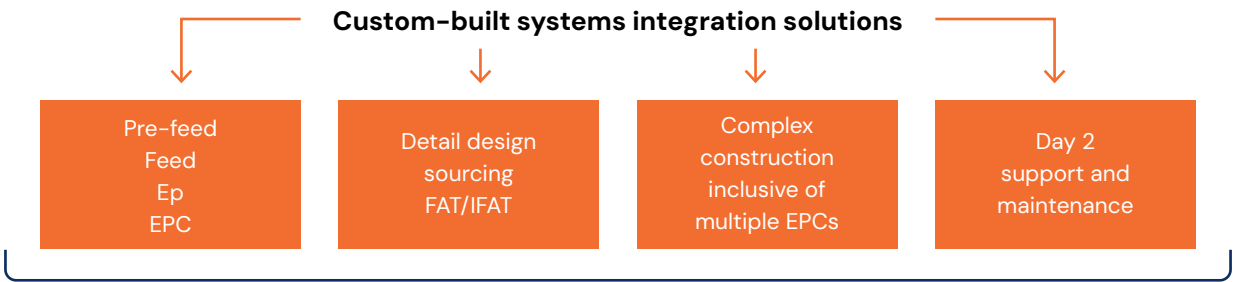
Factory Acceptance Testing (FAT) is conducted at our dedicated Custom Integration Center, which is equipped with the necessary tools and facilities to assemble, connect, and integrate system components based on client-approved engineering design drawings. The Integration Center can stage equipment FATs and full system integration tests (iFATs), which clients can witness before packing and shipment to the project site.

5

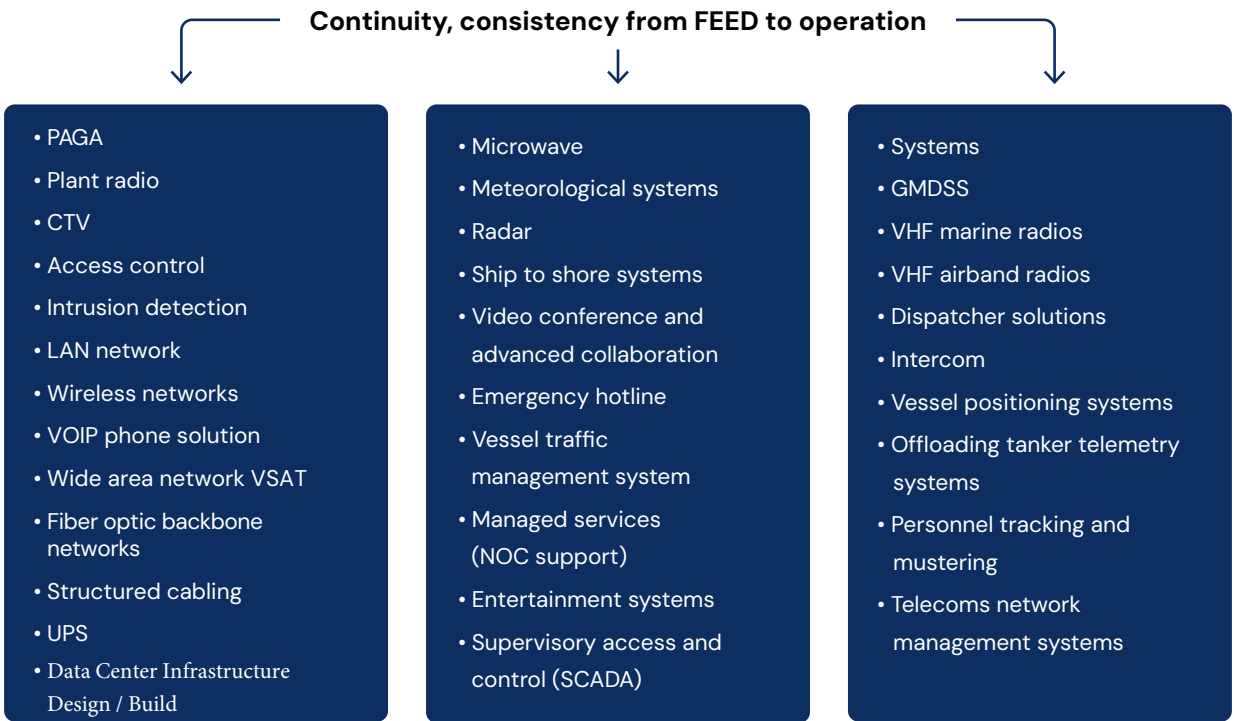
Onsite Support Activities

We offer comprehensive onsite support activities, including Construction Management, Construction Terminations at the site, installation services, HSE Site Management, SAT and Site Commissioning, QA/QC Site Management, Systems Training, post-installation site support, and maintenance contract programs. Day 2 support for warranty assistance, system add-on's, expansions, renovations and upgrades.

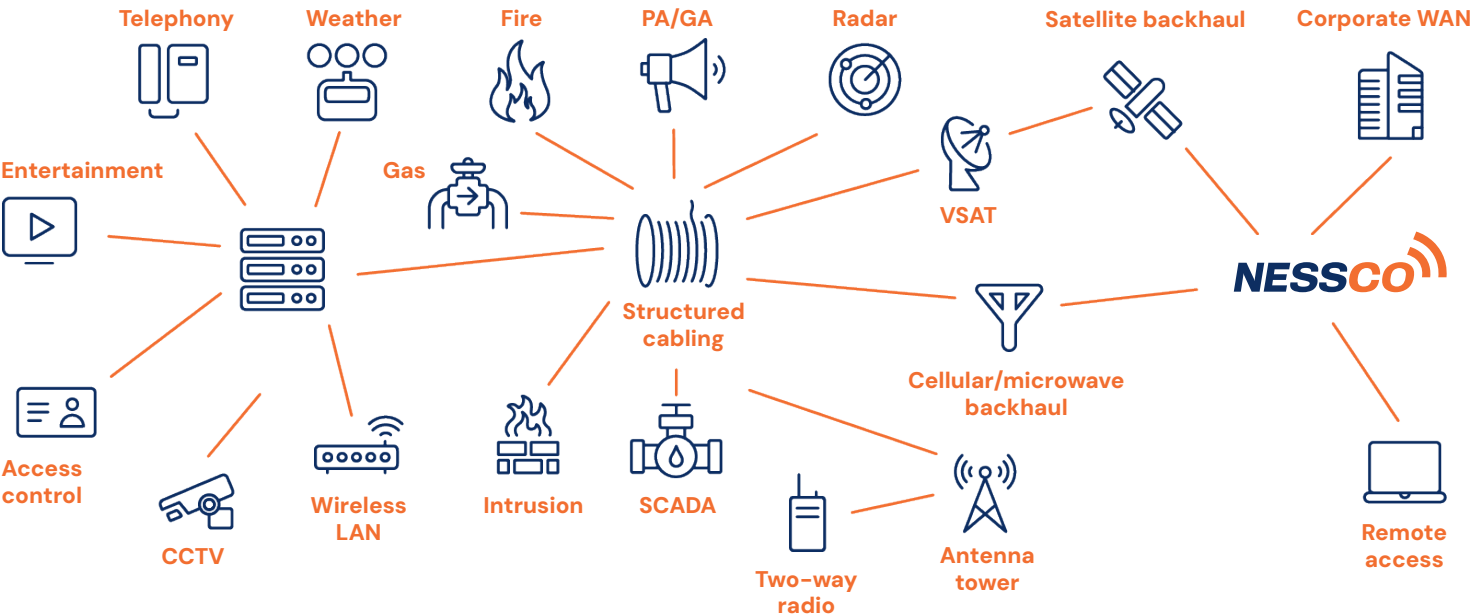
TELECOMS SYSTEMS INTEGRATOR (TSI)



NESSCO



THE SI&A TOOLBOX



NESSCO services and offering:

Project Types

- Site prep work/Construction Man Camps/Flotels
- Greenfield Construction/Brownfield Construction` expansion
- Renewables (Wind, Solar, Lithium, Hydrogen, Carbon Capture
- Offshore
- Onshore (LNG, Ethanal, Methanol, Ethelene, Polyethylene, Nuclear)
- Government and Campus Build
- Metal & Mining
- Data Center Infrastructure
- National roll-out system upgrade

Best-In-Class Remote Access Technologies

- Fully managed turnkey capital integration projects
- Voice and data communications, radio, safety, and security subsystems
- Early works and permanent plant systems/infrastructure
- Delivering SI solutions for over 40 years with over 200 globally executed projects
- Data Center Design and Installation services
- Platforms, FPSOs, refineries, LNG and ethane cracker facilities
- Rail Yard and High Speed Trainlines

Fully Managed Turnkey Integration Projects

- Pre-FEED, FEED, and EPC phase proposal development
- Early works and permanent plant systems/infrastructure
- Advanced integration expertise
- Fully engineered, integrated, assembled and tested in-house at our facilities

TSI Turnkey solutions for EPC Driven Large Capital Projects

- 4 Systems up to 35 integrated with; requirements for Detail Design, Sourcing, Build, Integration of Telecoms Systems (LAN-WAN-Wi-Fi-VOIP, Private LTE, Plant Fiber, SCS, PAGA, UHF/VHF/Marine
- Not included for customers/projects requiring single system supply/construct



Global Organization

**Supporting 150+
executed EPC
capital TSI
projects:**



Houston, TX

In Office/Remote Support

- Headquarters - Regional Center of Excellence.
- Nessco Office Building
- Sales, Operations, Sourcing, Build, Integration Global Logistics,

St. Johns, CA

Remote Support

- Engineering Management
- Design engineering
- QHSE

Aberdeen, UK

In Office/Remote Support

- Regional Center of Excellence
- Primary assembly facility with comprehensive workshop and ancillary support for assembly
- Offices for engineering design, and bidding and proposals functions

Madrid, ES *Remote Support*

- Design engineering and project management

Dubai, UAE

In Office/Remote Support

- Regional Center of Excellence
- Engineering Mgt
- Project Mgt.
- Design engineering

Doha, QA

In Office/Remote Support

- Design engineering
- Project Management

Dammam KSA

In Office/Remote Support

- Sales, Engineering
- Site Installation Services

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