

# ENGINEERING SERVICES

SATCOM  
TECHNICAL SUPPORT SERVICES  
VIDEO DISTRIBUTION SYSTEMS  
INTEGRATED LOGISTICS

We don't stop support at delivery,  
**WE PROVIDE SUPPORT  
BEYOND DELIVERY**

## ENGINEERING SERVICES

VSD IS PROUD TO OFFER GSA  
CONTRACT # GS-35F-0542X  
TO SUPPORT YOUR SATELLITE  
EQUIPMENT REQUIREMENTS.



[WWW.VSDONLINE.COM](http://WWW.VSDONLINE.COM)



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PHONE: +1.757.498.4766



CUSTOMER-ORIENTED, QUALITY-ASSURED,

# SATISFACTION GUARANTEED

## SATCOM

Turnkey product sales/engineering support—conceptualization through activation—for marine satellite communications transmit/receive (Tx/Rx) and television receive-only (TVRO) systems under OEM agreement to Orbit Communication Systems, Inc. VSD is the integration, certification, and depot repair organization for the Television-Direct to Sailors (TV-DTS) Antenna System.

## TECHNICAL SUPPORT SERVICES

VSD provides a wide variety of engineering and technical support services for communications and other electronic suites of equipment, systems, and components, with an emphasis on maritime applications within government and commercial sectors.

- Engineering Design
- Test/Certification
- Depot Level Maintenance
- Installation
- Life Cycle Support
- Integration

## VIDEO DISTRIBUTION SYSTEMS

Let VSD design or enhance your vessel's entertainment system. We can provide you with a solution or assist you in the execution of your solution.

- Turnkey design, integration, installation, training, logistics, and technical support
- Solutions sized to budgetary constraints and space limitations
- Seamless integration into existing television distribution systems
- Assistance in establishing "site" accounts with Direct Broadcast Satellite (DBS) providers
- DBS channel expansion

## INTEGRATED LOGISTICS

VSD understands the rapidly evolving requirements of its clients and provides capability-based solutions. Our strategy includes full comprehension of existing and emerging expertise to improve the capabilities of products and delivery of new solutions. VSD offers a single point of accountability during the service life of a given product. As a result, mission readiness and effectiveness are enhanced while the total cost of ownership is reduced.

**Our personnel hold several advanced certificates ranging from Performance-Based Logistics (PBL) to Designing for Supportability in DOD Systems and Fundamentals of System Sustainment Management, as well as DOD Acquisition Corps DAWIA certifications.**

- Technical Documentation Development
- Requirements Definition
- Acquisition Logistics
- Logistics Planning and Execution
- Integrated Master Schedules (IMS)

## HUMAN SYSTEMS INTEGRATION

Human Systems Integration (HSI) is the systems engineering discipline dedicated to ensuring that systems are designed, produced, supported, fielded, and modernized based on a complete and careful integration of requirements for the human into the system that examines human performance, hardware, software design and the interaction among them to produce efficient operations, training, and maintenance.

- Defines and designs for the roles of the human in complex systems
- Simulates and models workload to maximize human performance and reduce workload and manning levels
- Reduces information overload
- Designs intuitive and efficient human-machine interfaces
- Provides effective training and optimal training resources
- Improves quality of life for users
- Enhances situational awareness and tactical perspective

**VSD's HSI experts offer a unique blend of experience and talents, including:**

Human Factors Engineering  
Manpower, Personnel, and Training  
Systems and Requirements Analysis  
Software and Programming

Modeling and Simulation  
Media Design  
Acquisition Process Support



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