

ENGINEERING MISSION SUCCESS

Sustainment & Logistics

> Integrated Logistics Support

Performance Based Logistics

Configuration & Data Management

Operational Safety, Suitability & Effectiveness (OSS&E)

Reliability, Maintainability, Availability & Dependability (RMAD) Analysis

Integrated Logistics Support Competencies

Develop ILS requirements for logistics resources to sustain legacy and new space systems.

Develop and evaluate support concept alternatives to optimize supportability of fielded system

Plan for transition of logistics support activities from acquisition to operations and sustainment of new systems.

Tailor and apply logistics processes, including LSA, to optimize logistics support requirements and resources for sustaining legacy systems throughout transition to new, upgraded ground systems

Contribute to life cycle cost studies and analysis of system architecture alternatives

Develop Training Plans and participate in Training Systems Requirements Analysis

Database development and tracking for SBIRS GFE requirements

GFE funding projection and monitoring

About bd Systems

bd Systems is a woman-owned small business that provides engineering and information technology services for government and private industry. Based in Torrance, California, bd Systems has over 20 operating locations nationwide.

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Integrated Logistics Support

Integrated Logistics Support (ILS) has been a core competency for bd Systems for over 20 years. We are experienced in performing logistics supportability analysis and preparing all logistics products normally required during each phase of the ILS life cycle. We provide experienced ILS and CM/DM managers that bring a depth of knowledge including relevant disciplines, applicable processes, tools and models. We have provided direct acquisition logistics and sustainment support for the Defense Support System (DSP) and its replacement Space Based Infra Red System (SBIRS) for over twelve years and are currently providing the same ILS expertise for the Defense Meteorological Satellite Program (DMSP) and the Military Satellite Communications System (MILSATCOM) Program Offices. Our logisticians provide ILS support to ensure sustainment throughout a system's lifecycle:



Acquisition

- Develop SOO/SOW, RFP, ILS/LSA plans, and logistics CDRLs
- Perform supportability analysis and define/quantify ILS resource requirements
- Develop Provisioning Parts Lists, Support Equipment Requirement Docs (SERDs), Manpower, Personnel, Training & Training Equipment Requirements, Packaging, Handling, Storage & Transportation (PHS&T) Analysis

Design

- Perform studies & analyses develop support and maintenance concepts
- Exercise models to evaluate support concept alternatives
- Prepare CDRL's; host/participate at program reviews
- Assess development & maturity of ILS elements
- Provide Configuration Control Board (CCB) management & coordination

Test & Evaluation, Activation

- Provide expert insight and ensure compliance to requirements
- Lead or support test reviews and meetings
- Evaluate acceptability of ILS element performance during system test
- Recommend design or procedural changes to mitigate deficiencies

Sustainment

- Perform base & depot level O&M support
- Interactive Electronic Technical Manuals (IETM)
- Provide Diminishing Manufacturing Sources and Material Shortages (DMSMS) research and analysis
- Perform Reliability trend analysis of fielded systems
- Weapon system (effectiveness) assessment studies
- System Safety, Hazardous Analysis