WR SYSTEMS

Delivering System Readiness.
Reducing Life Cycle Cost.

INTEGRATED LOGISTICS SUPPORT (ILS)/INTEGRATED PRODUCT SUPPORT (IPS)

W R Systems, Ltd. (WR) supports ILS/IPS from the inception of design through sustainment and end of life, providing maximum availability at minimum cost.

We are recognized experts in the relevant policies, regulations, and directives related to the 12 IPS (formerly ILS) elements.

1. Product Support Management (PSM)
2. Design Interface
3. Sustaining Engineering
4. Maintenance Planning andManagement
5. Manpower and Personnel
6. Supply Support
7. Support Equipment
8. Technical Data
9. Training and Training Support
10. Computer Resources Support
11. Facilities and Infrastructure
12. Packaging, Handling, Storage and Transportation (PHS&T)

Life Cycle Logistics

To increase system uptime and decrease cost, WR advances the Model Based Product Support (MBPS) approach as legacy systems are migrated to Navy Common Readiness Model (NCRM), Navy Product Data Management (NPDM), and Navy Data Acquisition Requirements Tool (NDART). We develop and deliver logistics products, including:

• Allowance Parts Lists (APLs) and Allowance Equipage Lists (AELs)

• Reliability, Maintainability, and Availability (RM&A) Analyses

• Maintenance Index Pages (MIPs)

• Maintenance Requirement Cards (MRCs)

• ILS Certifications

• Diminishing Manufacturing Sources and Material Shortages (DMSMS) recommendations

• Ship Change Document (SCD)/ Engineering Change Proposals (ECP) support for ship and system Configuration Management (CM)

• Interactive Electronic Technical Manuals (IETMs) to S1000D and all relevant military specifications

Supply Support

- Defense Contract Management Agency (DCMA)-approved material management
- Initial provisioning development, including:
    - PTD package
    - Request Joint Electronic Type Designation Automated Systems (JETDAS) nomenclature
    - Item Name Code (INC) through DLA Logistics
    - Information Service
- Research and engineering assistance in response to Engineering Service Requests (ESR/formerly DLA-339)

Maintenance Planning and Management

- Reliability and maintainability engineering, including:
    - Level of Repair Analysis (LORA)
    - Failure Mode, Effects, and Criticality Analysis (FMECA)
    - Reliability Centered Maintenance (RCM) analysis
    - MIP and MRC development and updates
    - Engineering assistance to resolve Technical Feedback Reports (TFBRs)

Sustaining Engineering

- DMSMS analysis and management
- Perform failure analysis of individual components or entire systems
- Provide engineering and technical services ensuring continued operation with known risk
- Provide product improvement support including research on recapitalizing of existing technology to complete replacements and new acquisition

Manpower and Personnel

- Manpower, Personnel, and Training (MPT) requirements determination
- Job Task Analysis (JTA)/Job Duty Task Analysis (JDTA)

Technical Data

- Technical manual and IETM development, maintenance, and delivery
- ILS Certifications and checklists

Training and Training Support

- Courseware and curriculum
- Navy Training System Plans (NTSPs)
- Front End Analysis (FEA)
- Business Case Analysis (BCA)

PHS&T

- Approved MIL-STD-2073 packaging and handling of Hazardous Material (HAZMAT), Electrostatic Sensitive Devices (ESD)
- Receiving, inventory support, and warehousing
- Worldwide shipping
- Emergent support for Casualty Reports (CASREPs)

Support Equipment

- Organizational Metrology and Calibration (METCAL) program
- Calibration/Measurement Requirements Summary (CMRS) for new and upgraded systems

Computer Resources Support

- Advanced software engineering and design for existing and new systems
- Cyber resilience is embedded early during development and throughout the system lifecycle

Facilities and Infrastructure

- Site surveys
- Facilities and infrastructure plans