



Your Supportability Teammate

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**Andromeda Systems Incorporated (ASI)** provides tools and services to assist Physical Asset Owners, Fleet Managers, Managers, and Military Program Managers in gaining critical insights into their equipment's performance, identifying system improvements, optimizing operations & support, making better business decisions, and achieving measurable life-cycle cost savings. Benefits are provided through the following integrated service areas:

## **SERVICE AREAS**

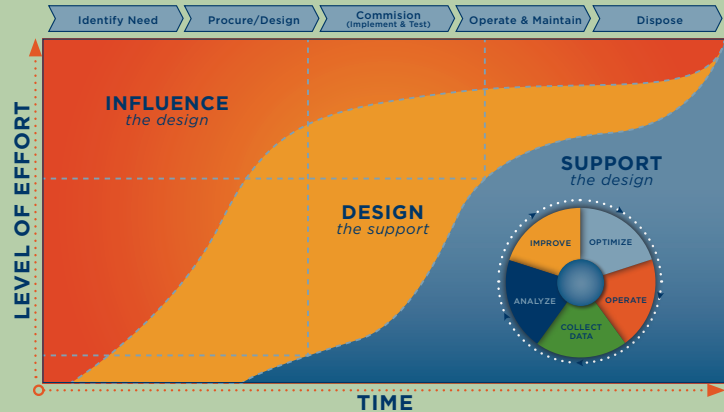
- Engineering
- Reliability
- Maintenance & Logistics
- Information Technology
- Acquisition and Program Management Support
- Industrial Operations
- Technical Publications

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## SUPPORTABILITY IS:

- Influenced by both the design of the asset and the design of the support system
- Impacted by operating environment
- A function of Reliability, Availability, Cost, and Safety



## Service Areas and Capabilities

### ENGINEERING

- Aircraft Modification & Repair
- CAD/CAM
- Electrical/Electronic Systems Design & Integration
- Fleet Support Engineering
- Production Support
- Reliability Engineering
- Structural Analysis

### INFORMATION TECHNOLOGY

- Application Development & Integration
- Database Administration & Design
- Development & Integration of Maintenance & Logistics IT Systems
- Help Desk Support
- System Integration
- Integrated Data Environments (IDE)
- Network Administration & Design

### PREDICTIVE MAINTENANCE

- PdM Program Development
- Monitoring System Design & Installation
- Data Collection, Analysis & Management
- Process & Procedure Documentation
- Prognostics & Health Management

### TECHNICAL PUBLICATIONS

- Software Expertise in Framemaker/Arbortext
- Technical Writing Support
- Operation & Maintenance Manuals
- Original Writing
- Revisions

### INDUSTRIAL OPERATIONS

- Capabilities Assessment
- Capacity Requirement Analysis
- Computerized Maintenance Management System
- Documentation Analysis & Recommendations
- Maintenance & Scheduling Database Management
- Performance Metrics Development
- Technical Maintenance & Schedule Reporting

### TECHNICAL ILLUSTRATION DESIGN & DEVELOPMENT

- S1000D Authoring Services
- Legacy Data Conversion

### ACQUISITION & PROGRAM MANAGEMENT SUPPORT

- Product Support Analysis (PSA)
- Business Case Analysis
- Cost Analysis, Modeling & Forecasting
- Integrated Master Scheduling
- Joint Acquisition Logistics Support Planning
- Life-Cycle Sustainment Planning
- Modification Program management
- Obsolescence/DMSMS Management Planning
- Procurement Planning & Identification Documentation
- Acquisition Logistics Support
- Program Master Planning

### FINANCIAL MANAGEMENT

- Big Data Analytics
- Consulting for:
  - Business Process Re-engineering
  - Program Performance Studies & Assessments
  - Systems Modernization Planning
- Business Process Outsourcing
- Fraud Prevention
- Identity Theft Prevention
- Risk Management
- Software Development Life cycle & Maintenance

### SUPPORTABILITY ANALYSIS & OPTIMIZATION

- Condition-Based Maintenance & Prognostics Systems
- FMEA/FMECA
- Level of Repair Analysis (LORA)
- Life cycle Cost Analysis
- Maintenance Concept Development
- Maintenance Management System Configuration & Integration
- Maintenance Planning
- Logistics Support Analysis (LSA)
- Reliability-Centered Maintenance (RCM)
- Technical Data Development/Updates
- Modeling and Simulation
- Training Systems Development