ASI Andromeda™ SYSTEMS INCORPORATED

Desired performance achieved

Information Technology

Andromeda Systems Incorporated's **Information Technology Division** delivers leading edge solutions for organizations of any size in any industry. Our business-centric approach empowers our team of software and systems engineering professionals to identify needs, devise a plan of action and implement all phases of the software development life cycle. By combining our comprehensive infrastructure and application expertise with industry best practices, our clients receive exceptional results, improved efficiency and a measurable return on investment. This unique combination of systems and software engineering enhances our core capabilities to design, build, and support end-to-end technology solutions.

SERVICE AREAS

- Application Development & Integration
- Database Administration & Design
- Help Desk Support
- Network Administration & Design
- System Integration

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SOLUTIONS DELIVERED

- **Developed a revolutionary maintenance scheduling concept**, Event Based Maintenance Scheduler (EBM). This web-based application includes optimization algorithms to minimize cost and maximize asset availability.

- **Developed the Integrated Reliability Centered Maintenance System (IRCMS)**, a web-based RCM tool used throughout the Naval Air Systems Command.

- **Developed the In-Service Maintenance Planning (ISMP) application**. This web-based application provides maintenance task analysis and maintenance planning capabilities in an intuitive user interface. Numerous Navy aircraft programs are currently utilizing this tool.

- **Developed a Modeling and Simulation tool** to predict logistics resource requirements utilizing inputs from IRCMS, ISMP and EBM.

- **Developed a web-based telematics system** for utility trucks providing location, vehicle health, status and diagnostics information to fleet managers.

- **Performed Federal Information System Management Act (FISMA)** compliance management for all of our developed solutions.

- **Performed Information Assurance tasks** to include system accreditation under PIT and DIACAP, security network diagram development, accreditation boundary identification and documentation and IA control testing and mitigation.

- **Developed GOSNet**, an entire suite of web-based applications used in Program Management. This suite tracks: Actions, CDRLS, Tech Pubs, Naval Messages, Tech Directives and other key data elements. This suite has been used on the following programs: T-45, CMWS, T-44, T-56

Service Areas and Capabilities

APPLICATION DEVELOPMENT & INTEGRATION
- Web Applications
  - Adobe ColdFusion
  - Adobe Flex
  - HTML 5
  - Java
  - Microsoft .NET
- Reporting
  - Business Objects
  - Crystal Reports
  - Microsoft SQL Server Reporting Services
- Mobile Applications
  - Android
  - Apple iOS: iPhone & iPad

NETWORK ADMINISTRATION & DESIGN
- Cisco
- Microsoft Active Directory
- Microsoft Exchange Server
- Juniper
- Sonicwall
- Web Server Administration
  - Apache
  - Microsoft IIS

SYSTEM INTEGRATION
- API Integration & Development
- Back-end Integration Services
- Data Integration
- Web Services Development

DATABASE ADMINISTRATION & DESIGN
- FileMaker
- IBM DB2
- Microsoft SQL Server
- MySQL
- Oracle 10g+
- Sybase Adaptive Server Enterprise

HELP DESK SUPPORT
- Mac: OS X and OS X Server
- Windows: XP, Vista, 7, Server 2000 and above