



communications
Advanced Products & Design



Systems Integration Services

L-3 AP&D Systems Integration is focused on the delivery of custom data distribution systems for operational, navigation, video, and control systems that meet customer-specific and MIL-STD requirements.



L-3 Communications Advanced Products & Design (L-3 AP&D) delivers rack-mounted systems for military shipboard, airborne and vehicular applications. L-3 AP&D's unique combination of experienced design engineers and skilled technicians, established relationships with key suppliers, and utilization of Commercial Off-the-Shelf (COTS) and Government Off-the-Shelf (GOTS) technologies, allows us to deliver timely, high-quality, cost effective solutions to meet customer-specific and stringent environmental requirements. L-3 AP&D's proven track record in outperforming our competition in the areas of product quality, scheduling, cost control, business relations, and management of key personnel, allows us to deliver quality solutions to meet the most challenging customer requirements.

Our engineering team starts with customer concepts and specifications to design and manufacture new or replacement systems, or to extend existing systems. Where applicable, L-3 AP&D leverages existing, pre-approved equipment and COTS or GOTS technologies to minimize costs. Our engineering designs incorporate proven technology, coupled with suppliers' commitments to production lifecycles, to minimize Diminishing Materials Supplies proactively. This approach ensures a solution that meets lifecycle specifications and stringent environmental standards required by Military/DoD programs.

Quality

As an ISO 9001:2000 certified division of L-3 Communications, we implement processes that provide customers with consistent, reliable, and high-quality system solutions. We understand the environments in which the systems operate, and design those solutions for ease of maintenance, logistic support and are ergonomic for the operator. We use third-party organizations to certify that our solutions adhere to stringent military environmental standards, such as MIL-STD-167-1, MIL-STD-461E, MIL-STD-810, and MIL-STD-901D.

Cost Effective

We leverage government-approved components and technology via the GSA Schedule to improve time-to-delivery and to keep costs low. We facilitate our customer's purchasing processes by utilizing the L-3 AP&D GSA Schedule (GS-35F-0478P) for the delivery of products and to procure our Integration Services. The result is competitively priced products and services to meet our customer's specific requirements, deadlines and budgets.

Track Record of Success

Our reputation for customer responsiveness, system reliability and long term support has resulted in L-3 AP&D's selection for government programs such as:

The Navigation Sensor System Interface System (NAVSSI): an integrated shipboard LAN-based navigation solution which collects, processes and distributes navigation and timing data throughout the ship with real-time interface capability. The system also displays digital nautical charts for local and remote navigation consoles.

The Fiber Optic Data Multiplex System (FODMS) Next Generation (NG) Maintenance Group (MG): COTS hardware and software components integrated into a ruggedized console, providing an interface to the FODMS System, for monitoring, printing and programming.

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