ACCELERATING GROWTH OF THE FLEET

As the U.S. works to produce the next generation of military platforms, Navy and other DoD leaders have been tasked with extending the lifespan of existing systems, in an effort to reduce costs and speed growth of the fleet.

While this strategy offers a number of benefits, it also presents its own set of challenges. In addition to typical maintenance and repair — which can be both costly and time consuming — capability upgrades to software, weapons, and radars will be vital to ensuring older platforms remain competitive in the new operational environment.

To manage costs and reduce downtime, military leaders must quickly circumvent any obsolescence issues while finding ways to incorporate complex new systems into these aging platforms. They will need to closely manage maintenance schedules while investing in training to ensure warfighters are ready to operate on these enhanced platforms. They must be focused and agile to drive both short-term, tactical activity as well as long-term strategic objectives.

FOR NOW AND FOR THE FUTURE

At Alion, we have played a role in the design of every U.S. Navy ship for more than 40 years. We use that experience to provide complete operational sustainment and lifecycle management to maximize the capability and lifespan of U.S. military platforms — on time, on budget, and absolutely to spec.

With new capabilities in applied artificial intelligence (AI), our broad range of services encompass in-service support as well as lifecycle logistics, including technical data development, contractor advisory services, and interim supply support. We conduct availability planning, execution and control, and provide schedule management and onsite logistics representatives at home ports to deliver optimal results.

Through our full lifecycle support services, we help clients protect system integrity and uptime, so they stay mission ready. With 30% veterans and forward-deployed engineers, we have the operational experience to deliver solutions that work in the real world. Together, we are helping America’s military stay ready and stay ahead.
ALION’S LIFECYCLE MANAGEMENT SOLUTIONS

Given today’s operational tempo, we know that our clients need to move quickly and precisely. That’s why we apply our vendor-agnostic approach and agile engineering methodology to every project and program, saving clients time and money while delivering total lifecycle management support to tackle the DoD’s evolving modernization, sustainment, and obsolescence issues.

PLANNING & EXECUTION
Our technical and management experts resolve planning, design, material, funding, and execution issues, including waterfront support and availability duration recommendations.

LOGISTICS SUPPORT
We provide both offsite and onsite logistics support, including tracking End of Availability (EOA) ILS deliverables and improving configuration quality control.

FLEET READINESS
Alion’s SMEs conduct in-depth analysis of major equipment and system problems — at the class, vessel, and system level — to identify and resolve issues affecting readiness.

TRAINING SOLUTIONS
We provide manpower and guidance — from front-end analysis to systems training plans — for new and modernized systems, to make sure U.S. warfighters stay ready.

MISSION ANALYTICS
Using AI to support predictive analytics, data management, and knowledge sharing, we are enabling accurate forecasting and availability planning for the 36 ships in maintenance availabilities and 119 ships in planning each year. Our predictions help deliver on-time and on-budget availability completion, reducing costs and lost operational days.

NAVY PHASED MODERNIZATION
Our team is integral to U.S. Navy planning and execution for the CG/LSD Phased Modernization program. We have coordinated and informed NAVSEA planning and execution efforts for significant and simultaneous phased modernization and maintenance periods — on both coasts — while meeting existing deliverable and deadline requirements.

CLASS MANAGEMENT TEAM
We provide Class Management Team (CMT) support to PMS 443, including coordinating resolution of technical, logistical, and other issues across all non-nuclear surface ship classes. We are tracking and updating the prioritized list of issues as defined and voted on during the annual Life Cycle Management Group (LCMG) O6 level meeting.

SYSTEMS IN THE FIELD

Systems in the field must maintain continuous combat capability, regardless of budget pressures or age. At Alion, we work with our clients to make sure their systems are modernized and able to meet the challenges ahead— whatever the mission. Our engineers are ready to help you reimagine solutions to meet current demands and turn those ideas into reality. To learn more about our complete package of lifecycle support services, or to get connected with an expert, visit www.alionscience.com/lifecycle.

About Alion Science and Technology
At Alion, we combine large company resources with small business responsiveness to design and deliver mission-critical engineering solutions. With an 80-year technical heritage and an employee-base comprised of more than 30% veterans, our engineers, technologists, and program managers bring together an agile engineering methodology and the best tools on the market to deliver mission success faster and at lower costs. Based just outside of Washington, D.C., we help clients turn big ideas into real solutions. For more information, visit www.alionscience.com.

© 2018 Alion Science and Technology Corp. All rights reserved. 10/18

CONTACT:
John Civiello
VP, Business Development
jciviello@alionscience.com
+1.571.214.3458 (phone)