

Sustainment support  
to make sure you have  
what you need, no  
matter how the  
environment changes.



# OBSOLESCENCE SOLUTIONS

## Support for Evolving Modernization and Sustainment Issues

Obsolescence — diminishing manufacturing sources and material shortages (DMSMS) — is a common occurrence that impacts DoD and national security equipment. Lack of supply due to aging fielded systems, OEMs who go out of business, new technology, differing variants within a single system, restricted access to raw materials, and more poses a serious threat to operational readiness.

### MAINTAINING OPERATIONAL READINESS

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. But the prevalence of obsolescence issues, especially from commercial-off-the-shelf (COTS) technology, poses a serious threat to this strategy.

To manage costs and reduce downtime, while realizing the new vision for operational readiness, defense and security leaders must quickly circumvent any obsolescence issues while finding ways to incorporate complex new systems into these aging platforms.

### INNOVATIVE AND TIMELY SUPPORT

Markets change and manufacturers come and go. At Huntington Ingalls Industries (HII), we provide sustainment technology and

support to make sure you have what you need to accomplish your mission, no matter how the operational environment changes.

Our experts use deep and machine learning to identify unresolved, mission-degrading obsolescence issues and provide viable functional solutions that are both mission and cost effective. We design hardware and software to replace obsolete components, and our supply chain experts can quickly identify and qualify alternative commercial-off-the-shelf (COTS) solutions or suppliers.

With 40% veterans and forward-deployed engineers, we have the operational experience to deliver solutions that work in the real world. We help you tackle obsolescence by reimagining solutions to meet current demands and turning those ideas into reality. No matter the challenge, we provide innovative and timely support to keep you and the nation's defenses moving.

# HII'S OBSOLESCENCE 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 industry-leading obsolescence management support to tackle the DoD's evolving modernization and sustainment issues.



## TECHNICAL ENGINEERING

HII's engineers develop and integrate various systems and sensors, including analyzing and redesigning components from the bottom up, based on performance specifications.



## QUANTITATIVE & RISK ANALYSIS

We provide analysis of supply and demand for raw materials and NSN parts as well as risk mitigation management to ensure your supply chain meets the mission need.



## MODELING & LOGISTICS

Our leading-edge modeling capabilities help you understand logistics and supplier networks to identify vulnerabilities during force majeure or national emergency scenarios.



## POLICY GUIDANCE

Our proven SMEs use their policy expertise to help you translate legislative initiatives and regulatory requirements into actionable guidance that aligns with your mission.

## FEATURED WORK

### POLYPROPYLENE FIBER STANDARDIZATION

HII collaborated with the Army Research Laboratory (ARL) and Defense Logistics Agency (DLA) Research and Development to characterize and document quality assurance parameters for a polypropylene fiber to be used in vehicle armor.

This standardization effort led to a newly created military specification, MIL-DTL-32549, and — among other benefits — increases the robustness of the industrial base by adding an additional qualified product to the DoD supplier base.



Systems in the field must maintain continuous combat capability, regardless of budget pressures or age. We work with our clients to help them get ahead of potential obsolescence issues and make sure their systems are modernized and able to meet the challenges ahead— whatever the mission. To learn more about our complete package of obsolescence management solutions, or to connect with one of our experts, visit [tsd.huntingtoningalls.com](http://tsd.huntingtoningalls.com).

**CONTACT:**  
Stacy Newstead  
Obsolescence and Supply Chain  
Program Director  
[stacy.newstead@hii-tds.com](mailto:stacy.newstead@hii-tds.com)  
240.646.3625

### About Huntington Ingalls Industries, Technical Solutions:

Building on a legacy of more than a century of naval shipbuilding, Huntington Ingalls Industries' Technical Solutions division provides mission-critical national security solutions to a wide variety of government and commercial customers worldwide. Comprising more than 7,000 professionals worldwide, our unique national security services portfolio includes unmanned systems, nuclear and environmental services, intelligence, surveillance and reconnaissance (ISR), cyber and electronic warfare, live, virtual and constructive (LVC) training solutions, and fleet sustainment and logistics. For more information, visit [tsd.huntingtoningalls.com](http://tsd.huntingtoningalls.com).