



KBR's Smart Maintenance

Advancing Readiness with Digital Engineering and Data Analysis



KBR's Smart Operations, Maintenance and Sustainment Program leverages advanced technology while applying mature processes and techniques across the system life cycle to improve reliability, safety, and availability. This technique maximizes value, extends lifetime capacity, improves performance, and lowers the total cost of ownership. We review critical failure items, perform engineering investigations, as well as design, prototype, test and provide training on solutions for which our clients retain unlimited usage rights. Our Smart Maintenance Framework allows us to apply our expertise to systems including air and ground vehicles, industrial control systems, networks, and information systems.

AREAS OF EXPERTISE

From maintenance technicians to data scientists, KBR's Sustainment Engineering team applies advanced technologies including artificial intelligence and methods such as digital engineering to predict, prevent and correct system problems in accordance with your priorities – economic, performance, energy conservation, environmental or otherwise.

- Computer Security
- Data and Configuration Management
- Materials, Network, Software, System, and Test Engineering
- Functional Consulting
- Information Assurance
- Logistics
- Modeling and Simulation
- Quality Assurance and Training
- Cost Analysis
- Systems Architecture
- Training Development and Analysis



Improving Lifecycle Management. Smart OM&S's application of analytical techniques and domain expertise to expanded data and insight results in better information, better decisions and better strategies.

Smart Maintenance



PROVEN PERFORMANCE

KBR's smart maintenance team is ready to assist you with:

- Acceptance and qualification documents compliant with MIL-STD-810
- Condition-Based Maintenance (CBM) and CBM+
- Pinpointing damage, maintenance, and repair locations on modeled systems
- Model-Based Systems Engineering
- Reliability-Centered Maintenance
- Structural analysis
- System safety reports produced in accordance with MIL-STD-882E
- Technical data packages compliant with MIL-STD-31000
- Technology insertion

WHY KBR?

In a rapidly changing world where threats continue to evolve faster than new platforms can be acquired, organizations need a trusted partner that will increase the security, performance, efficiency, and capability of fielded systems while simultaneously extending their lifecycles. KBR applies advanced, proven technologies and sustainment strategies using its expansive knowledge base and partner resources to develop industry-leading solutions.

NEXT STEPS

Let's talk about your sustainment challenges and goals and how KBR can help you achieve them. Contact us to schedule a consultation and request a paper from our library from **Jim Bolin** our Vice President, Sustainment Engineering at james.bolin@us.kbr.com or **Chris Bergey**, Sr. Manager, Business Development at chris.bergey@us.kbr.com.

ABOUT US

We deliver science, technology and engineering solutions to governments and companies around the world. KBR employs approximately 29,000 people worldwide with customers in more than 80 countries and operations in 40 countries.

KBR is proud to work with its customers across the globe to provide technology, value-added services, and long-term operations and maintenance services to ensure consistent delivery with predictable results. At KBR, we are the Team Behind the Mission.