



Infrastructure Operations, Maintenance and Engineering

*High-Tech Facility and
Equipment Management*



By harnessing cutting-edge technology, KBR enhances facility and equipment management, boosting infrastructure safety and elevating productivity to new heights.

AREAS OF EXPERTISE

Whether in the air, on the ground or at sea, KBR's team of experts has extensive experience managing the operations and maintenance of asset-intensive systems to ensure they are fully functioning and safe. KBR applies energy conservation and model-based approaches, such as discrete event simulation and functional cognitive mapping, to assess performance for reliability, availability and maintainability, safety and risk assessment, and prognostics and health management. KBR's operational maintenance comprises systems of all kinds, including fluids, thermal, electrical, structural, mechanical and technical. Sustainment and engineering focus areas include:

- AL/ML digital twins for predictive maintenance
- Air and ground vehicles
- Airfield pavements and taxiways
- Building repairs, roofing and painting
- Building automation systems
- Precision cleaning services
- Cryogenic technology
- Cybersecurity
- Drive and lift systems
- Digital asset management solutions
- Electrical systems and equipment
- Enterprise Maximo and AVEVA PI
- Fire protection and life safety
- Gas generation and distribution
- Hydrogen-based energy
- Hazardous and non-hazardous material and waste
- Industrial control systems
- Launch structures and ground support equipment
- Logistics, supply chain and inventory optimization
- Measurement and test equipment metrology services
- Modeling and simulation
- Networks, software, hardware and information systems
- Property assets and furnishings
- Port terminals
- Plumbing, heating, ventilation, air conditioning and refrigeration
- Pressure systems maintenance and recertification
- Permits, construction and design
- Power generation and monitoring
- Quality assurance and domain-specific training and certification
- Roadways, sidewalks and parking areas
- Structural and cost analysis
- Utilities and distribution systems
- Water and sewer systems

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PROVEN PERFORMANCE

KBR's infrastructure management spans large and small, from military bases and government properties to petrochemical complexes, manufacturing plants, military aircraft and vehicles, industrial infrastructure, clean rooms, laboratories, office complexes, warehouses, and more. KBR applies mature processes, tools and techniques across the system lifecycle to maximize facility value, extend lifetime capacity, improve performance, increase security, and lower the total cost of ownership for its customers. KBR's team of specialists has a trusted set of experience and is ready to assist you with:

- **Facility and smart asset management** to include personnel, training, equipment and materials, transportation, reliability-centered maintenance (RCM) and condition-based maintenance (CBM), facility assessments, and operation of central utilities like steam, electrical power distribution, potable water, and stormwater drainage.
- **Operations and technical support** for airfields, laboratories, clean rooms, test stands, instrumentation calibration and repair, research utilities, as well as cloud, cybersecurity, personal security, facility automation systems, and data acquisition systems.
- **Advanced engineering and infrastructure solutions** that encompass everything from engineering studies, planning, design, and prototypes to construction and building management, configuration management, infrastructure test and evaluation, pressure system recertification, as well as project management and training support.

WHY KBR?

Infrastructure needs continue to evolve, and companies need a trusted partner who continues to innovate and think outside of the box. KBR stays at the forefront of emerging technologies and uses its mature knowledge base to form advanced engineering, maintenance and operations solutions to overcome all technical challenges and support projects of any size, anywhere.

NEXT STEPS

Let's talk about your infrastructure operations, maintenance and engineering needs and how KBR can help you achieve them. Contact Mike Dawson at Michael.Dawson@us.kbr.com to learn more.

ABOUT US

We deliver science, technology and engineering solutions to governments and companies around the world. KBR employs more than 30,000 employees performing diverse, complex and mission critical roles in 33 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®.