

Integrated Space and Missile Defense Solutions

Specializing in complex and large-scale programs

KBRwyle is an ISO-certified organization with proven expertise in complex space and missile defense programs. We are a recognized industry leader known for our ability to excel in performing highly technical and large-scale, global projects. We deliver unrivaled subject matter experience, a 60-year history of success, and the satellite and missile defense industry's best partners to create **end-to-end, full life cycle solutions**.

Whether it is a small system upgrade or a major new development program, KBRwyle has a full spectrum of proven systems engineering and integration capabilities and expertise to handle requirements, design, development, test, sustainment and management processes. We deliver everything necessary to ensure mission achievement for our customers.

Areas of Expertise

- Technology integration
- Mission engineering
- Modernization and sustainment
- Network security and resiliency
- Research and development
- Test and evaluation
- System prototyping

KBRwyle Advantages

- 60+ years satellite mission engineering
- 25+ years military space and missile defense
- Global footprint for rapid response
- "Preservation Approach" to protect government investments
- Effective, low risk solutions
- Rapid acquisition solutions
- Quality focus and ISO certification



Our combined capabilities and experience uniquely positions KBRwyle for delivery of low-cost, low-risk solutions for today – and the future.

Mission Engineering Focus

Securing missions and satellite network operations for over 60 years

KBRwyle has supported over 700 spacecraft missions by developing, deploying and maintaining mission-essential networks. Our comprehensive services include monitoring spacecraft health, mitigating risk and preserving mission integrity. We also create seamless networks between satellites and ground stations to ensure our customers receive the data they need from orbiting assets to sustain their mission functions.

System Maintenance Expertise

Ensuring system operations under the most challenging conditions

Our technicians and engineers can handle any situation, no matter how complex or extraordinary. They understand the latest system technologies as well as the unique mechanical and electronic demands of satellites and ground systems that are decades old. From routine, preventive maintenance to major system overhauls, KBRwyle has a demonstrated track-record of meeting customer needs and exceeding expectations to keep their systems operating.

Deep Domain Knowledge

Providing full vertical integration and life cycle support

KBRwyle delivers satellite control ground systems architecture and operations experts. We provide full vertical integration of satellite support network requirements and offer complete system engineering and product life cycle support. This undisputed domain expertise ensures rapid delivery of integrated capabilities, uninterrupted network performance, and often results in reduced operating cost.

Global Reach and Positioning

Executing quickly and effectively worldwide

KBRwyle's global footprint, subject matter expertise, and team of proven suppliers and subcontractors provides efficiency and minimizes transition risk in any program or project. We are able to quickly identify and address potential challenges before they become issues and quickly apply global resources. We augment our experts on-demand with a large pool of best-in-class providers and specialists available whenever, and wherever needed.

Investment Preservation Approach

Preserving and maximizing government investments

Everything KBRwyle does is approached from the standpoint of preserving our customer's technology and asset investments. This ensures effective and cost-efficient solutions. We leverage our expertise in areas such as critical material handling infrastructure, warehousing, and depot and organic-level maintenance support to drive down legacy system operating costs. We protect fielded systems against cyber threats from initial certification through ongoing operating system patch maintenance. We also support Air Force space resiliency studies to provide options for ensuring vital, viable earth-to-space connectivity in a contended environment.



Key Roles Supporting Department of Defense Space and Missile Defense Programs

- Antennae modernization
- Satellite ground system upgrades and sustainment
- Next-Generation communication node technology
- Total system performance logistics support
- CONOPS and Tactics, Techniques, and Procedures (TTP) development
- R&D, prototyping, cybersecurity, test, and certification

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KBRwyle
We Deliver

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