SPACE SUPERIORITY

Harris helps to protect America’s space assets with innovative system development, enterprise system integration, and world-class sustainment engineering services.

ENABLING SPACE SUPERIORITY

Battlespace advantage requires space domain awareness. Harris provides the United States government with a full spectrum of space control and space situational awareness capabilities needed to gain, maintain, and exploit superiority in space.

Harris serves customers through a large pool of multidisciplined engineering and support personnel across the nation. With established, extensive facilities in Colorado Springs, Colorado, and Melbourne, Florida, and two decades of active, consistent service, Harris is committed to being the most trusted provider of mission-critical sustainment engineering services and a developer of one-of-a-kind space superiority missions systems.

Harris’ world-class engineering services and tools provide better space control; comprehensive space situational awareness; and command, control, and communications.

Engineering services include:

- Architecture planning
- Mission planning
- Software development
- Hardware and system integration
- RF and mechanical engineering
- Remote operations
- Signal processing
- World-class sustainment

With a deep understanding of Air Force and Army missions, Harris is in a unique position to enable cross-mission sharing, a critical consideration for next-generation space superiority. Harris’ advanced technologies and sophisticated enterprise ground architectures integrate disparate systems into one efficient, sustainable infrastructure.

BENEFITS

Serving the nation’s space superiority mission for 20 years on location.

Supporting the U.S. Air Force’s space superiority mission with award-winning logistics and depot support.

Providing unique high-level systems view that enables rapid assessment of multiple alternatives on mission system performance and cost.
SUSTAINMENT EXCELLENCE

World-class sustainment engineering is more than just keeping systems running. Harris’ proven processes and approach is showcased through years of experience and success as a sustainment prime contractor. Harris brings a dynamic, collaborative approach to system modernization that can add years to a system’s life and accommodate increasing capabilities—while decreasing total program costs.

Harris’ dedicated engineering and information technology staff have played an important role in keeping worldwide sustainment activities operating smoothly and cost effectively.

ACCESS TO SPACE

Harris Spaceport Operations at Vandenberg AFB, California, offers payload processing and launch services to help government and commercial customers circumvent traditional access barriers and benefit from cost-effective launch operations.

Harris’ Integrated Processing Facility offers almost 500,000 cubic feet of clean room space—more than any other facility at Vandenberg AFB. The facility includes ample office space for those involved in spacecraft processing and the most protective RF processing area on the base.

Space Launch Complex 8 (SLC-8) was constructed to provide a clean pad approach with the capability to accommodate multiple launch vehicle configurations. Currently SLC-8 is configured to support solid propellant boosters, including Minuteman II and Castor 120 based vehicles. The flexibility of the SLC-8 design allows for future modifications to provide capability up through Delta II class boosters.

ADVANCED SYSTEM DEVELOPMENT

Harris capitalizes on its well known strengths in engineering and innovation to deliver new capabilities to fill national space superiority needs. Harris’ Palm Bay campus boasts over half a million square feet of secure processing facilities and access to state-of-the-art production capabilities.

HARRIS PRIME CONTRACTOR

Experience in Colorado Springs

SENSOR (Air Force): Harris has helped to ensure availability and mission readiness of radar and optical systems around the world. These unique systems provide missile warning, space surveillance, and comprehensive space situational awareness that are essential to our nation’s security.

Space Control Depot Support (Air Force): Harris has enabled the space superiority mission with a 98% award-fee record. As the product support integrator, we also provide program management, systems and software engineering, and cyber security for a diverse portfolio of space control systems, including development, sustainment engineering, and ongoing logistics support.

Wideband Satellite Communications Operations and Technical Support (Army): For the U.S. Army Space and Missile Defense Command and the Army Forces Strategic Command, Peterson Air Force Base, Harris provides mission support to wideband satellite operations centers and management sites around the world. Our services include operations and maintenance, life-cycle engineering, on-site technical assistance, equipment installation, depot-level repair, logistics, cybersecurity, and training and sustainment.

About Harris Corporation

Harris Corporation is a leading technology innovator, solving customers’ toughest mission-critical challenges by providing solutions that connect, inform and protect. Harris supports government and commercial customers around the world. Learn more at harris.com.

For more information, contact spacesuperiority@harris.com.