



# SPACE AND INTELLIGENCE SYSTEMS

**HARRIS**® TECHNOLOGY TO CONNECT,  
INFORM AND PROTECT™

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## WHAT WE OFFER

Innovative, comprehensive solutions for today's most complex remote sensing and advanced communications challenges

Low-risk delivery on our promises based on six decades of program successes in systems engineering and integration

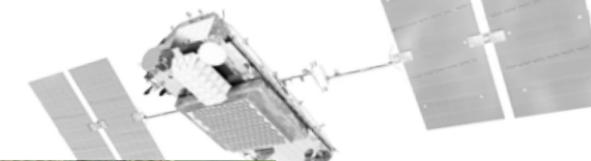
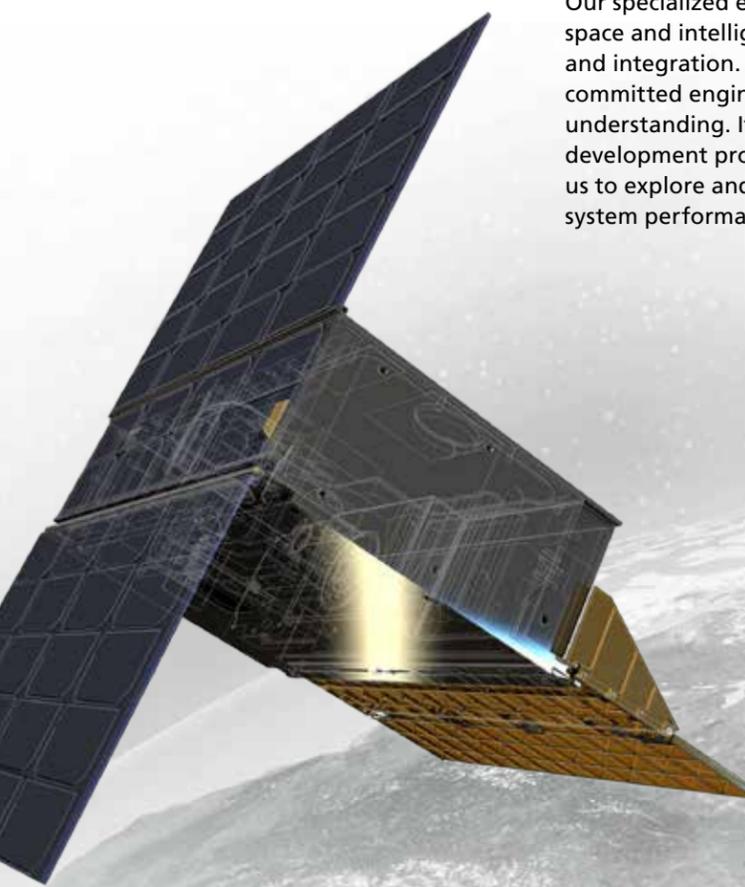
Commitment to customer missions, as proven through our internal research and development investments and history of excellent customer service

# MISSION CONFIDENCE BEGINS WITH HARRIS

From protecting the security of our nation, to exploring the universe, to providing insights for better business decisions, Harris meets today's most complex challenges with complete remote sensing and intelligence system solutions.

Harris Space and Intelligence Systems delivers complete solutions for global situational awareness, space superiority, and Earth insights. Drawing upon our enabling technologies in remote sensing and advanced communications, receiving and information processing, and analytics, we give our customers the integrated information and actionable intelligence they need for mission and business success.

Our specialized expertise is based on more than 50 years' experience in proven space and intelligence systems and in complex systems engineering design and integration. It is reinforced by the people we hire—teams of creative and committed engineers, scientists, and experts with deep mission and technical understanding. It is advanced through our strong internal research and development program and customized, high-tech manufacturing. These enable us to explore and deliver innovative solutions for future mission needs, higher system performance, and small form factor platforms.



## GLOBAL SITUATIONAL AWARENESS

In a world where threats can come from anywhere and at any time, Harris enables global situational awareness missions by conceptualizing and engineering solutions for effective integrated intelligence, surveillance, and reconnaissance operations.

Every day, we push the boundaries of technologies used in space, in the air, and on the ground for communications, navigation, and remote sensing. Our advanced data processing, analytics, and content management solutions turn data into information that our customers use to detect, analyze, predict, and respond to events in hot spots around the world to protect and secure our country.

- We have been engineering first-of-their-kind sensors, payloads, optics, and electronics to collect information for more than 50 years.
- We are bringing to market game-changing technological breakthroughs with new components that deliver big capability with significantly reduced size, weight, and power requirements and at lower costs for space and intelligence missions.
- We are developing systems that incorporate big and open data solutions for integrating and processing data from different sources. We are delivering true multi-intelligence analytical capabilities by combining multiple, advanced phenomenologies.
- We are providing the technology for next-generation positioning, navigation, and timing services that will provide greater accuracy and reliability.

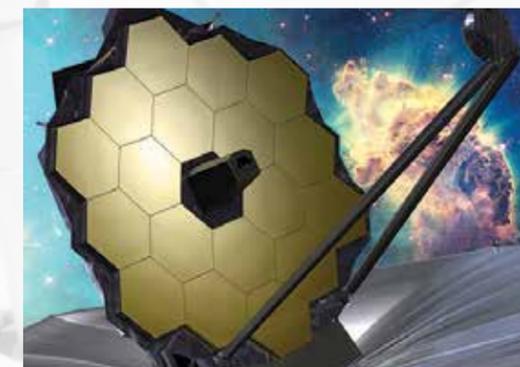
## SPACE SUPERIORITY

Harris has been focused on the "high frontier" since the beginning of the Space Age. We help protect U.S. space assets and access to space by developing, modernizing, and sustaining the ground-based radars and optical systems that find, fix, and track objects in space. We ensure the delivery of critical information from those systems for effective battle management, command, and control.

- We are increasing the life of missile warning, missile defense, and space situational awareness assets through advanced sustainment engineering for the U.S. Air Force Space Command and U.S. Strategic Command.
- We prepare space control warfighters with a dynamic and live training, test, and exercise environment that simulates real-world signal environments.

Looking further into space, Harris' optical systems, as part of the world's most advanced telescopes and observatories, and related services enable scientists to gain a clearer picture and better understanding of the universe.

- We specialize in large precision optics and integration and testing services for deep-space observation programs. We have a 100-percent success rate for hundreds of programs, including the Chandra X-ray Observatory, Hobby-Eberly Telescope (HET), and Southern African Large Telescope (SALT).
- We are advancing mankind's understanding of the universe and origins of life by providing critical components for NASA's ultra-powerful James Webb Space Telescope, which is scheduled to launch in 2021.



## FACTS

Harris has the largest portfolio of imaging and radar sensors and payloads needed for remote sensing in the aerospace and defense industry.

We are the world's leading provider of unfurlable space antenna reflectors with more than 90 delivered.

New-generation weather satellites—GOES-R Series, Himawari-8/9, and GEO-KOMPSAT-2A—rely on Harris-built sensors.

Harris is producing worldwide dynamic content for the U.S. Government's Map of the World.

Harris introduced the world's first commercial Geiger-mode LiDAR sensor, which provides higher quality elevation data than any other LiDAR system.

Our technology has been on every U.S. GPS satellite ever launched, accumulating more than 800 combined years of successful on-orbit operations.

We are providing large-scale modernization efforts for critical legacy space monitoring sensors. Our award-winning logistics and depot support life-cycle cost reductions.

### 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](http://harris.com).

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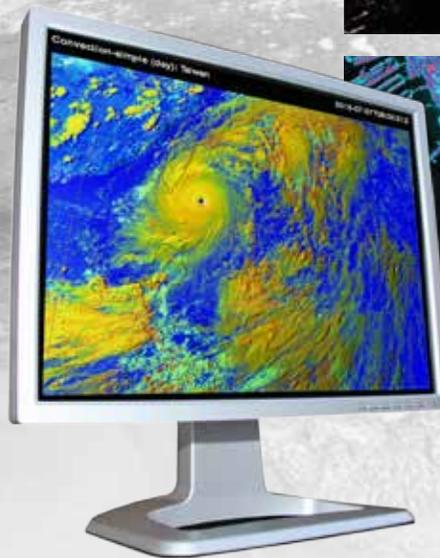
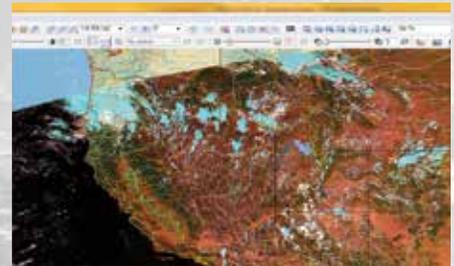
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## EARTH INSIGHTS

Harris advances the technologies that capture, process, and analyze information from every altitude to enable our customers to visualize Earth's physical environment and improve weather forecasting and environmental planning to save lives, protect property, and enable mission and business success.

- Organizations ranging from defense commands and civil government agencies to utilities and commercial businesses use our advanced geo-spatial tools and analytics, machine learning capabilities, and remotely sensed data to make better decisions.
- Our instruments, ground systems, and analytics are providing weather and other environmental information with unmatched detail and at unprecedented speeds for faster, more accurate weather forecasting.



For more information about our complete mission solution services, visit [harris.com/confidence](http://harris.com/confidence).

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