

Space Operations, Systems, and Technology

Predicting Outcomes.
PROTECTING SPACE.

CACI experts deliver technology and support to launch, operate, and exploit systems in the space domain. Our unique solutions provide enhanced space situational awareness and decision support tools, allowing decision-makers more time and better options for maneuvers and response. We lead large-scale Agile development processes that enable rapid prototyping of tools and applications, and support platform modernization. Our deep learning algorithms are integrated into data fusion, visualization, and analysis tools for real-time situational awareness and early warning decision support to protect the space enterprise from attack.

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For more information about our expertise and technology visit:

www.caci.com

A *Fortune* World's Most Admired Company

EXPERTISE AND TECHNOLOGY FOR NATIONAL SECURITY

CACI
EVER VIGILANT

Space Operations, Systems, and Technology

Highlights

- Industry leader in SIGINT collection, exploitation, and analysis
- Cyber defense and resiliency measures ensure functionality of mission-critical components
- Real-time intelligence fusion advances situational awareness, data analysis, and decision support
- Integrated logistics support enables cost-effective systems availability
- Expertise in developing sophisticated analytics for cyber operations
- Advanced modeling and simulation

Benefits

- Agile development with rapid prototyping leads to faster turnaround
- Deep learning algorithms integrated into tools speed data processing, fusion, and analysis
- Virtualized signals processing results in significant capacity savings
- Advanced analysis and visualization techniques highlight patterns and detect deviations from normal pattern-of-life activity
- Cloud-based solutions reduce costs and enhance performance

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CACI has several decades of experience sustaining, operating, and developing capabilities to enable the space and intelligence missions.

Resilient Ground Enterprise Solutions

CACI has decades of experience sustaining, operating, and developing space mission capabilities and ground infrastructure. Our Agile development methodology includes highly automated testing for lean adaptation to changing requirements and fast turnaround. As our customers seek to maintain mission operations during limited system availability, CACI is laying the groundwork for the delivery of cybersecure, open-system mission frameworks and resilient, cloud-based solutions.

Space Battle Management Command and Control (C2) and Space Domain Awareness

From infrastructure to 24/7 operational tools, CACI has the mission experience and defensive cyber capabilities to meet the mission needs of its customers and allow them to operate and maintain the space enterprise through a potential sustained attack. CACI's real-time situational awareness, data analysis, and decision support tools provide commanders a distinctive edge in protecting the space enterprise against attack.

Cutting-Edge AI/ML Delivers Advanced Data Analytic Solutions

Mission operations personnel, analysts, and decision-makers must quickly characterize and respond to hostile actors attempting to affect or degrade space systems and capabilities. We have more than 15 years of experience delivering data fusion, visualization, and analysis tools capable that rapidly identify, catalog, and analyze objects and activity in the space environment. Due to the growing number of data sources and the complexity of the mission, CACI integrates artificial intelligence (AI) and machine learning (ML) algorithms into our tools and applications. As the global threat evolves, CACI migrates data and tools into the cloud for broader access and improved performance.

Agile, Responsive Logistics and Launch

CACI provides complex mission planning from pre-launch mission flight analysis to on-console, day-of-launch management. Our planning tools enable real-time status checks from pre-flight fueling and system checkout through actual flight and space vehicle separation. The CACI mission tool suite is expanding to accommodate future launch systems, including small satellite constellations, with significantly reduced timelines.



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CACI's approximately 22,000 talented employees are vigilant in providing the unique expertise and distinctive technology that address our customers' greatest enterprise and mission challenges. Our culture of good character, innovation, and excellence drives our success and earns us recognition as a *Fortune* World's Most Admired Company. As a member of the *Fortune* 500 Largest Companies, the Russell 1000 Index, and the S&P MidCap 400 Index, we consistently deliver strong shareholder value. Visit us at www.caci.com.

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