

### THE FUTURE IN SPACE IS NOW.

The current space environment is changing in unprecedented ways. The rise of new space-faring nations and organizations, along with the launch of mega constellations, have made space increasingly congested.

Advancement of adversaries' space capabilities and their departure from peaceful norms make space a contested domain. The world's critical dependence on space—spanning functions from navigation to the global financial system—continues to grow.

## Working as "glue" across the space ecosystem

MITRE's space systems legacy stretches back 60 years, starting with systems engineering of missions in the North American Aerospace Defense Command's (NORAD) Cheyenne Mountain, and includes significant engineering contributions to the Space Defense Operations Center (SPADOC), the Military Strategic and Tactical Relay (MILSTAR) Ground Terminals and the Global Positioning System.

Today, MITRE is a trusted partner of the Department of Defense and Intelligence Community, uniquely recognized for expertise in C4ISR,

# SPACE FOUNDATIONAL AREAS

- Digital & Government Systems Engineering
- Command Control, Communications, Computers, Intelligence, Surveillance & Reconnaissance (C41ISR)
- Technology & Policy for Air-Space Safety and Control
- Cyber Resilience
- Position, Navigation, & Timing (PNT)

### **MITRE**

PNT, and Cyber. Our footprint continues to expand and now includes civilian space agencies as federal space missions evolve. As a convener of federal, private, and academic space sector stakeholders, MITRE is supporting U.S. leadership as the trillion-dollar space economy rapidly grows. MITRE is also collaborating to foster safety in the space and airspace environment for all nations and is solidifying U.S. and coalition deterrence and dominance in the event of war.

#### Evolving, shaping, and growing MITRE's space work

MITRE'S workforce is prepared to address today's mission needs and positioned to acquire the capabilities and skills necessary to address future challenges of this rapidly evolving environment. Applying our foundational areas to specific challenges is core to our Corporate Space Strategy. MITRE expertise is currently being applied to Space Domain Awareness, Satellite Communications and Information Exchange and Cyber Resilience Best Practices, priorities that we will continue to focus on in collaboration with our partner network.



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MITRE's mission-driven teams are dedicated to solving problems for a safer world. Through our public-private partnerships and federally funded R&D centers, we work across government and in partnership with industry to tackle challenges to the safety, stability, and well-being of our nation.



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