




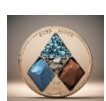
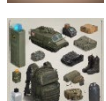
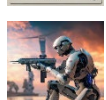
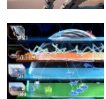


# APEX


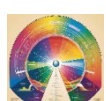
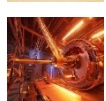

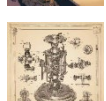
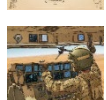
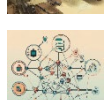

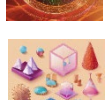


Operationalizing Science & Technology

The Advanced Prototyping and Experimentation (APEX) Consortium operationalizes Science and Technology (S&T) by advancing and accelerating Prototype and Project capabilities focused on nine Technical Areas and 11 Research Competencies.

## Technical Areas

-  Kinetic Capabilities (e.g., Hypersonics)
-  Energy Storage and Batteries
-  Microelectronics
-  Critical Chemicals and Minerals
-  Unmanned Systems (UxS)
-  Rare Earth Elements
-  Critical Materials
-  Emerging Technologies
-  Multi-Domain Operations (e.g., Space)

## Research Competencies

-  Biological and Biotechnology Sciences
-  Electromagnetic Spectrum Sciences
-  Energy Sciences
-  Humans in Complex Systems
-  Mechanical Sciences
-  Military Information Systems
-  Network, Cyber, and Computational Sciences
-  Photonics, Electronics, and Quantum Sciences
-  Science of Extreme Materials
-  Terminal Effects
-  Weapon Sciences



## About

- **Name:** Advanced Prototyping and Experimentation (APEX) Consortium
- **Sponsor:** United States Army Research Lab (ARL), Combat Capabilities Command (DEVCOM)
- **Type:** Consortium Managed Other Transaction Agreement (OTA)
- **Ceiling:** UNLIMITED
- **Period of Performance:** July 16, 2024 – July 15, 2034

## Authorities

- **10 U.S.C. §4021** (Research Projects)
- **10 U.S.C. §4022** (Prototype Projects) to Include Follow-on Production Contracts or Transactions
- **10 U.S.C. §4023** (Procurement for Experimental Purposes)
- **10 U.S.C. §4025** (Prize Authority)

For more information, visit

[www.apex-ota.org](http://www.apex-ota.org)

[www.techaccelerator.us](http://www.techaccelerator.us)



## About

Unlike traditional consortium management organizations, the **Joint Experimentation and Technology Accelerator (JETX)** provides comprehensive services focused on professional management services, rapid test and assessment, and assisted acquisition services. We are committed to helping you revolutionize your industry. Our technology demonstration, assessment, and acceleration services are designed to bring your innovative ideas and concepts to life. Our experienced team of professionals work with you every step of the way to assess your technology needs and advance and accelerate your development to take your mission critical capabilities to the next level.

## Professional Management Services

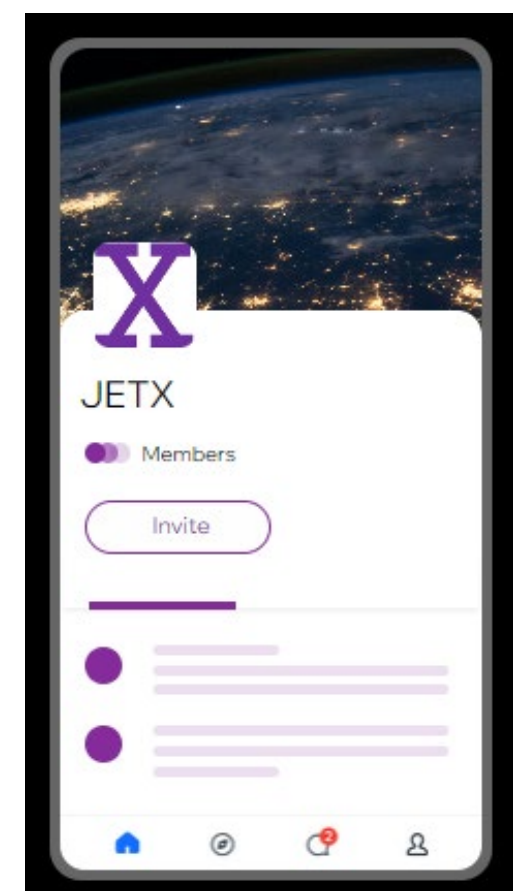
JETX provides professional management services to agencies that support the design and development of prototypes directly relevant to enhancing the mission effectiveness of the American Warfighter.

## Rapid Test and Assessment

JETX supports the demonstration and assessment of innovative concepts and emerging and enabling technologies and capabilities to determine operational utility and system effectiveness.

## Assisted Acquisition Services

JETX provides assisted acquisition services and support to government agencies, industry, and academia that help plan, direct, and manage complex acquisitions saving time and resources.



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## Membership

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Questions regarding membership can be directed to [membership@techaccelerator.us](mailto:membership@techaccelerator.us).

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