



ADVANCED PROTOTYPING AND EXPERIMENTATION

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.

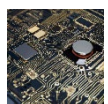
Technical Areas



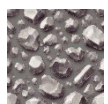
Kinetic Capabilities (e.g., Hypersonics)



Energy Storage and Batteries



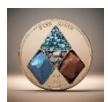
Microelectronics



Critical Chemicals and Minerals



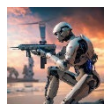
Unmanned Systems (UxS)



Rare Earth Elements



Critical Materials



Emerging Technologies



Multi-Domain Operations (e.g., Space)



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)
- **10 U.S.C. §4022(f)** (Follow-on Production Contracts or Transactions)

For more information, visit

www.apex-ota.org

www.techaccelerator.us

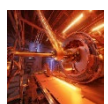
Research Competencies



Biological and Biotechnology Sciences



Electromagnetic Spectrum Sciences



Energy Sciences



Humans in Complex Systems



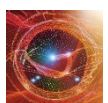
Mechanical Sciences



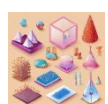
Military Information Systems



Network, Cyber, and Computational Sciences



Photonics, Electronics, and Quantum Sciences



Science of Extreme Materials



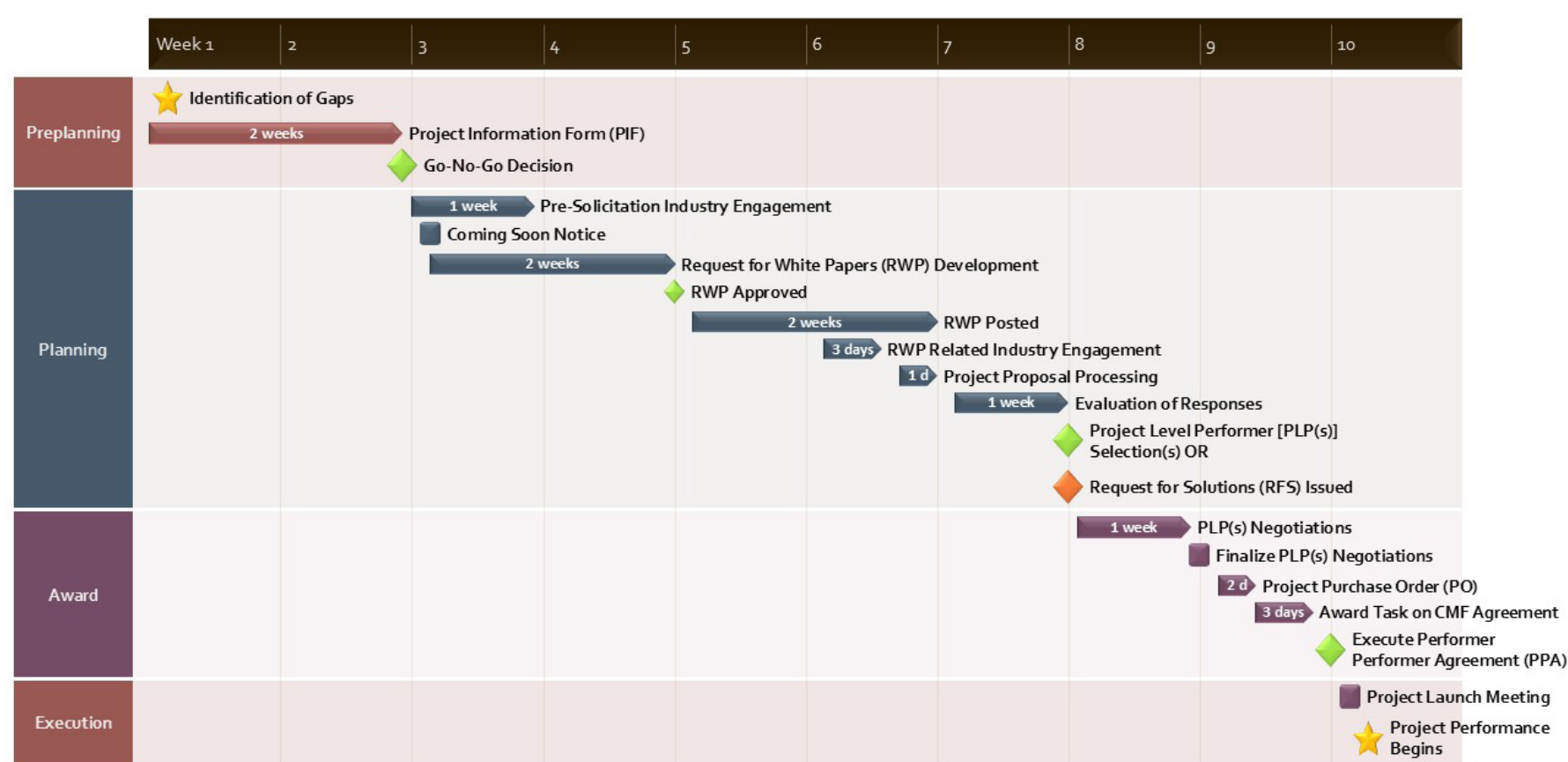
Terminal Effects



Weapon Sciences

Frequently Asked Questions (FAQ)

- Q.** Who can use the Advanced Prototyping and Experimentation (APEX) Other Transaction Agreement (OTA) to plan, award, and execute research and prototype projects to include follow-on production?
- A.** Federal government agencies granted Other Transaction (OT) authorities can execute projects on APEX OTA. A separate support agreement may be required for non-Army Research Lab (ARL) entities.
- Q.** What is the first step in the APEX OTA project award process?
- A.** The first step in the APEX OTA project award process is to contact one of the points of contact (POCs) listed below and draft the Project Identification Form (PIF). The PIF is used to outline the proposed project(s) identifying the problem statement, capability gap, desired success criteria, etc.
- Q.** What are the fees associated with the APEX OTA?
- A.** Requiring government activities who use the APEX OTA will pay a fee of **3% to 5%** depending on the size and complexity of the project. This fee covers ARL and the Army Contracting Command – Research Triangle Park (RTP) costs. The Joint Experimentation and Technology Accelerator (JETX) Prime Manager fee will not exceed 5% based on the size and complexity of the project.
- Q.** How do requiring government activities send funding to the APEX OTA?
- A.** Requiring government activities can request the **DEVCOM ARL APEX Team Funding Instructions** by contacting the APEX Team Lead PM/EE/COR/AOR and/or APEX Consortium Director listed below.
- Q.** How long does it take to complete the APEX OTA project planning and project award process?
- A.** The time required to complete the project preplanning to project award process is approximately 65 days. This process is illustrated in the timeline below. It is worth noting this timeline may vary based on the scope and complexity of the proposed research and/or prototype project.



Points of Contact

Mitchell S. Wathen
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Army Futures Command
DEVCOM-ARL (FCD-RLS-SX), APEX Team
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Co-Founder, President, COO
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About

Unlike traditional consortium management organizations, the **Joint Experimentation and Technology Accelerator (JETX)** provides comprehensive services focused on professional consortium management services, rapid test and assessment, and assisted acquisition services. We are committed to helping you revolutionize your industry. Our unique consortium management and technology acceleration services 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.

Consortium Management Services

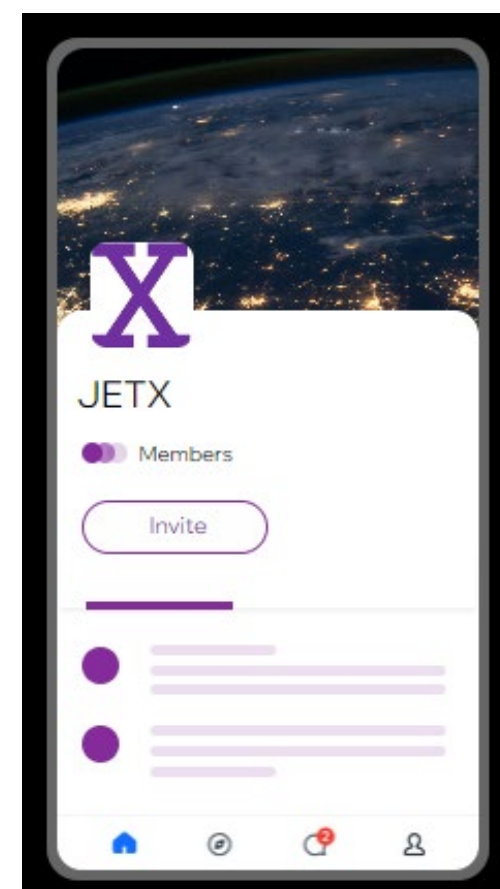
JETX provides consortium management services to agencies that support the research, design, development, and production of prototypes directly relevant to enhancing the mission effectiveness of the American Warfighter.

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.



Join Us on the JETX App Today !!!



Membership

Membership in the JETX Community, the **Tech Accelerator**, gains you access to our one-of-a-kind collaborative platform, exclusive member resources and activities, and the opportunity to support the advancement and acceleration of innovative concepts and emerging and enabling technologies to include the **APEx Consortium**.

Membership in the JETX Community is **FREE**. Annual memberships, which include submitting proposals, start at only \$50.00 !!!

Questions regarding membership can be directed to membership@techaccelerator.us.

To start your technology journey, visit: www.techaccelerator.us

