I. Background and Purpose

The U.S. Army is seeking innovative counter-unmanned aircraft system (C-UAS) solutions from eligible small and large businesses across the globe through the Global Tactical Edge Acquisition Directorate (G-TEAD) U.S. Army Southern European Task Force, Africa (SETAF-AF) Accelerated Capability Event (ACE) 27-01: C-UAS Fly Away Kit Powered by xTech competition. This platform offers participants the opportunity to engage with the U.S. Department of War (DoW), earn prize money and submit a proposal for follow on contract opportunities.

The U.S. Army FUZE xTech Program, managed under the Office of the Assistant Secretary of the Army for Acquisition, Logistics and Technology (ASA(ALT)), in partnership with SETAF-AF and G-TEAD, is executing the G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition as part of the G-TEAD ACE series.

This initiative supports the U.S. Army's broader effort to (1) identify and understand the spectrum of 'world-class' technologies being developed commercially that benefit the U.S. military; (2) integrate non-traditional innovators into the U.S. DoW Science and Technology (S&T) ecosystem; (3) provide expertise and feedback to accelerate, mature, and transition technologies to support operational forces; and (4) deliver attritable, scalable capabilities.

The G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition will consists of three (3) phases:

(1) Application, including the following:
   a. Four (4)-page white paper;
   b. Required up to five (5)-minute video;
   c. Self-certification of minimum requirements; and
   d. Information on prior demonstrations with DoW or allied/partner nations
(2) Soldier exercise; and
(3) Opportunity to submit follow-on contract proposal and participate in an Operations Assessment.

The U.S. Army intends to **award up to $1,000,000 in cash prizes** throughout the competition. **Up to 15 finalists will be selected at the conclusion of the Part 1 evaluation period to receive a cash prize of $25,000 each** and an opportunity to participate in the Part 2 live Soldier exercise, anticipated to occur in February 2027. **Finalists who successfully participate and have their technology integrated into the exercise and participate in the technology pitch will receive an additional cash prize of $25,000 each, following the event**. Following completion of the exercise and technology pitch, up to five (5) final winners will be selected to receive an additional cash prize of $50,000 each and may be considered for potential follow-on agreements and contracting opportunities. Additional details on prize structure can be found in Section VII.

At the Government's discretion, participants that do not win a prize may also be considered for opportunities to demonstrate their capability.

Any follow-on agreements are at the Government's sole discretion and are subject to availability of funds and applicable laws and regulations. Nothing in this solicitation shall be construed as a commitment to issue a request for proposal (RFP) or award any contract or agreement.

Finalists and final winners must have a CAGE/NCAGE code to receive a cash prize and contract award. A CAGE/NCAGE code is not required at the time of application; however, applicants that do not possess one (1) are strongly encouraged to initiate the registration process in advance if they intend to participate.

The G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition is conducted in accordance with 10 U.S.C. § 4025, which authorizes the use of prize competitions to stimulate innovation and identify promising technologies for national security applications. Requirements for competition under 10 U.S.C. § 3201 are satisfied upon completion of the challenge and use of prize authority. As such, this competition serves as a competitive down select mechanism that enables government organizations to engage with finalists and winners through a variety of follow-on acquisition pathways, including but not limited to:

- 10 U.S.C. § 4114 – Selection of contractors for prototype projects
- 10 U.S.C. § 4022 – Prototype projects
- 10 U.S.C. § 4023 – Procurement for experimental purposes
- 10 U.S.C. § 4001 – Research and development
- 10 U.S.C. § 4021 – Other Transaction Authority (OTA)
- 10 U.S.C. § 3458 – Authority to acquire innovative commercial products and commercial services using general solicitation competitive procedures
- 15 U.S.C. § 3703 – Technology innovation partnerships
- 15 U.S.C. § 638 – Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Programs

Government organizations may consider leveraging these statutory authorities to pursue follow-on awards with companies identified through the xTech competition process. This approach supports rapid technology maturation, accelerates the transition of innovative capabilities to the field, and promotes collaboration with non-traditional and small business performers.

While the authority of this program is 10 U.S.C. § 4025, the G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition may generate interest by other U.S. Army, DoW or U.S. Government (USG) organizations for a funding opportunity outside of this event. The interested organization may contact the participant to provide additional information or ask for a request for proposal in separate solicitation. Finalists of the prize competition may have opportunities to submit a separate proposal for further development of their proposed technology solution based on the needs of the Army. The Army may use a contract mechanism of their choice and will notify the participants accordingly.

All G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition submissions are treated as privileged information and contents may be disclosed to employees of the USG, allied nations, designated support contractors at the USG's discretion for the purposes including, but not limited to, evaluation, program administration and support, potential inclusion in Army or DoW marketplaces, and consideration for potential follow-on opportunities. The Government will use reasonable efforts to protect proprietary information; however, participants are responsible for clearly identifying any proprietary or restricted information within their submissions.

The U.S. Army FUZE xTech Program intends to provide feedback from evaluators to participants during each part of the competition. The purpose of providing this feedback is to help accelerate the transition of the technology to a U.S. Army end-user by providing insight into the best applications for the technology, suggestions for product improvement for U.S. Army use

and recommended next steps for development. However, the Government will not respond to inquiries regarding this feedback.

II. Eligibility Requirements

Eligible entities include nonprofit organizations, for-profit organizations (i.e., large and small businesses) both domestic and foreign.

Each eligible entity:

- Must be able to obtain a CAGE code (U.S. businesses) or NCAGE code (international businesses) to process payments and receive follow-on awards;
- Shall be incorporated in, and maintain, a primary place of business in the U.S. or an allied foreign country;
- Shall not be a U.S. Federal Government entity, foreign government entity or employ a U.S. Federal Employee acting within the scope of their employment;
- Shall not be currently under contract, agreement or other providing similar capabilities in the region under the same use case to the Government for work described in the problem statement; and
- Must not be based in a Foreign Country of Concern (FCOC), directly funded by an FCOC government or government-subsidized guidance fund, or under the influence of an FCOC government in any form.

Failure to meet any of the above requirements will result in ineligibility for award. The USG reserves the right to verify eligibility and make all final determinations at its sole discretion.

III. Topics and Problem Statement

The U.S. Army is seeking innovative C-UAS capabilities that can support expeditionary operations in austere environments through the G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition. SETAF-AF requires a rapidly deployable, layered, and scalable fly-away kit capable of detecting, tracking, and defeating Group 1-3 small UAS (sUAS) threats in austere environments, including remote airfields and contingency support locations near active host-nation civilian or military airports.

The Army seeks innovative, mature, ready-to-deploy (TRL 6+) C-UAS technologies that enhance force protection, increase situational awareness, and provide adaptable, scalable solutions. C-UAS detect, identify, track, and neutralize threats posed by unmanned aerial systems (UAS). Desired solutions should be small, portable, rugged, reliable, user-friendly, power-flexible, and modular enough to scale by mission profile and location. Open architecture, standards-based approaches are preferred. Solutions should provide immediate operational capability and be suitable for deployment, setup, teardown, sustainment, and employment by expeditionary forces operating with limited infrastructure and personnel.

The Army is seeking to evaluate capabilities that demonstrate performance in one (1) of five (5) capability areas, and meet the following criteria for its capability area:

- **Capability 1:** Consolidated Capability
- **Capability 2:** Detection and Identification
- **Capability 3:** Kinetic Defeat
- **Capability 4:** Non-Kinetic Defeat
- **Capability 5:** Passive Protection

For details on the full capability areas, see Appendix A.

Capabilities submitted for evaluation **shall meet** the following criteria, as applicable:

- TRL 6 or higher;
- Characteristics apply to active systems; passive protection responses should address Category 5 only;
- Be expeditionary: small, portable, rugged, reliable, and support minimal maintenance;
- Support rapid setup and teardown with limited operator burden;
- Provide power flexibility and efficiency, including the ability to use multiple power sources, including solar where available, with NATO/U.S. standard supply connections, AC or DC input, surge protection, and operation on unconditioned shore or generator power;
- Be modular and scalable based on mission profile and location;
- Use open-architecture, standards-based design where feasible; publish to and accept tasking from IBCS-M, with Integrated Sensor Architecture (ISA), Sensing for Asset Protection with Integrated Electronic Networked Technology (SAPIENT), Tactical Assault Kit (TAK), and Forward Area Air Defense Command and Control (FAAD C2) supported where applicable;
- Be suitable for deployment to remote airfields, immature infrastructure, and urban-adjacent contingency locations near active host-nation civilian or military airfields with collateral effects controlled;
- Be supportable under constrained bandwidth and limited sustainment conditions and operate with no reach-back;
- Operate in Global Navigation Satellite System (GNSS)-enabled, denied, and spoofed modes without hardware modification;
- Be operable by the site guard force after initial training; no dedicated C-UAS operators are required;
- Provide an emergency stop or fail-safe, and geofencing for any organic UAS; authority-gated effects disabled by default;
- State baseline RF, thermal, acoustic, and visual signatures and any means to reduce them;
- Comply with NDAA §848, §817, and §889 and the American Security Drone Act; Blue UAS cleared for any organic UAS; TAA for all other components;
- Operate within the authorities and host-nation constraints provided for each site; a clear Rules of Engagement (ROE) and authority matrix is required before employment. Be able to use library- and component-based identification structures to isolate unique identifiers, potential signal sources, or operator information such as to minimize civilian, partner, or friendly force misidentification;
- Defeat Group 1–3 UAS by electronic, kinetic, or cyber means; and
- Solutions that are plug-and-play, MOSA-aligned, SWaP-C informed, adaptable at the tactical edge, and scalable to evolving end-user needs.

IV. Program Submission

The G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition is voluntary and open to all entities that meet the eligibility requirements listed in Section II (Eligibility Requirements). Entities are encouraged to submit integrated solutions. **Only one (1) submission per eligible company, per capability area is permitted. If submitting to one (1)**

or more capability areas, the technology solutions must be different, unless submitting an integrated solution.

If submitting an integrated solution, companies must indicate that their solution is integrated when they submit their white paper on the Valid Eval registration page. All submissions must be in English.

Applicants should expect that Applicable Application Programming Interfaces (APIs) may be required as capabilities progress through the ACE to facilitate Government-directed testing, integration, interoperability, and data exchange. For more details on APIs, see Appendix B.

The registration information and submission upload must be received by **5:00 PM ET on Tuesday November 17, 2026.** Submissions received after the deadline will not be considered, and Army FUZE xTech will not respond to any inquiries about concept white papers submitted after the deadline.

Register now by selecting the G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition image at:
https://www.xtech.army.mil/

V. The G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech Competition Structure

Part 1: Concept White Paper

All eligible entities shall submit a **four (4)-page concept white paper and pre-recorded video *of up to five (5) minutes*** that demonstrates the technology and its suitability for participation in a live exercise. The white paper should outline the solution's capability alignment, capability value, system integration, contested readiness, system deployability, ability to field product, and company viability. Submissions will be evaluated by subject matter experts (SMEs) across the U.S. DoW. Any submissions provided above the four (4)-page limit and the five (5)-minute video will not be evaluated.

All concept white papers and videos must adhere to the following requirements:

- Concept white papers **must be submitted using the template found on the** Valid Eval registration page, "Template_G-TEAD_SETAF-AF_ACE_27_01_C-UAS_Fly_Away_Kit_Powered_by_xTech_White_Paper.docx". ***Any proposals submitted in a format other than that provided by the template will not be reviewed.***
- For the required video, provide a URL on the contest registration linking to the video (preferably hosted on Vimeo). Video production quality will not influence evaluation scores. Videos should serve to clarify or illustrate concepts from the white paper and must not exceed five (5) minutes in length.
- List your company name, country name and proposal title **EXACTLY** how you would like them to appear in any contest marketing materials. Use a clear and concise proposal title to give readers and potential stakeholders an understanding of how your technology would benefit the U.S. Army.
- Proposals by offerors should describe their approach to accomplishment of the expectations using concise narratives.

Evaluators will review and score concept submissions using the following scoring criteria (further details on each scoring dimension can be found on the G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition registration page):

Criterion	Weight
Introduction & Capability Alignment	15%
Capability Value	25%
System Integration & Contested Readiness	20%
System Deployability	15%
Ability to Field Product	10%
Company Viability	10%
Submission Quality	5%

Upon conclusion of the submission evaluation period, the Army FUZE xTech Program will select **up to 15 finalists to receive a cash prize of $25,000 each** and advance to Part 2: Soldier Exercise.

Applicants not selected in Part 1 may, at the Government's discretion, be invited to participate in the live exercise event; however, they will not receive a cash prize or be eligible to receive subsequent prize awards under the G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition.

Part 2: Soldier Exercise

Selected finalists from Part 1 will participate in a live exercise and pitch event, with a panel of U.S. Army and DoW SMEs and end-users. The event is currently expected to be held in February 2027, in Morocco.

Participation in the Soldier exercise is subject to all applicable safety, security, base access, host-nation, export control, customs, transportation, spectrum, airspace, cybersecurity, and operational requirements. The Government may restrict, modify, suspend, or terminate a participant's exercise activities if necessary to protect personnel, property, networks, mission operations, or compliance with applicable law or policy.

Finalists will be required to submit additional documentation prior to the exercise event. These materials are necessary to meet specific safety protocols for Soldiers, export control requirements, network security, and spectrum approval requirements, and to ensure the event is executed successfully. All documentation must be submitted by the stated deadlines. Failure to provide the required materials or meet the deadlines may result in disqualification from G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition.

Participating firms must **commit to full participation** for the entire duration of the exercise event and must **be on-site** from day one (1) of the exercise event to support Soldier training and meet operational objectives. Non-compliance with event requirements or failure to meet performance standards during the exercise may result in disqualification from the competition.

The Army FUZE xTech Program will provide additional instructions, detailed evaluation criteria, and exact dates and location for the event at a later date.

Prior to the exercise event, finalists will have the opportunity to engage with U.S. Army and DoW personnel to prepare and discuss event expectations.

Dates, times, and location are subject to change.

Upon conclusion of the exercise, the Army FUZE xTech Program will select **up to five (5) final winners of the competition to receive a cash prize of $50,000 each,** and a potential opportunity to submit for a follow-on contract or agreement. Additionally, finalists may have an opportunity and are encouraged to leave their kits behind to receive additional end-user engagement/feedback with the solutions and enable further opportunities for follow-on contracts or agreements with end-user organizations. Final competition winners may be eligible for an immediate follow-on contract(s) or agreement(s), subject to the availability of funds and technical needs.

Finalists who are able to actively participate and complete all required exercise activities, including the technology pitch, will receive an additional cash prize of $25,000 each.

Potential Follow-on Funding Opportunities

Finalists and final winners selected from the G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition will be eligible to submit proposals for follow-on opportunities, including but not limited to SBIR, OTA or other procurement or non-procurement instruments, as determined appropriate by the Government.

Follow-on opportunities, if pursued, may be executed under applicable statutory authorities. Any such opportunities may be subject to separate evaluation criteria, independent selection processes, availability of funds, and all applicable statutory, regulatory, and approval requirements.

Follow-on funding opportunities may require delivery of initial prototypes for evaluation within 45 to 120 days of contract or agreement award that will be used as the initial articles for further experimentation and testing.

Competition winners will have an opportunity to participate in an Operational Assessment during Exercise African Lion in April/May 2027. African Lion is U.S. Africa Command's largest, premier, joint, annual exercise hosted by Morocco, Ghana, Senegal and Tunisia. This joint all-domain, multi-component, and multinational exercise employs a full array of mission capabilities with the goal to strengthen interoperability among participants and build readiness to respond to crises and contingencies in Africa and around the world. Additional details will be provided to competition winners after the conclusion of the exercise.

VI. Proposed Schedule

The proposed schedule is outlined below and subject to change without notice.

Date	Activity
November 6–17, 2026	Part 1: Concept white paper submission period
December 9, 2026	Finalists announced
February 2027	Part 2: Soldier exercise event
February 2027	Final winners announced
April/May 2027	Operational Assessment

VII. Prizes and Incentives

Prizes will be offered under 10 U.S.C. § 4025 (Prize competitions). The total prize pool is $1,000,000. **Follow-on contract award/agreements, if issued, will be separate from the prize competition.** Other non-monetary incentives are provided through the G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition to help industry engage with the U.S. Army.

Phase	Winners	Prize	Contract Award
Part 1: Concept White Paper	Up to 15	$25,000	N/A
Part 2: Soldier Exercise	Up to 5	$50,000 each Finalists who successfully participate in the full exercise and technology pitch event will receive an additional $25,000 each	
Opportunity to Submit for an OTA	Up to 15		Total funding pool of up to $5,000,000
	Total	**Up to $1,000,000**	**Up to $5,000,000**

VIII. Disclaimers

Registered participants shall be required to assume any and all risks and waive claims against the Federal Government and its related entities, except in the case of willful misconduct, for any injury, death, damage, or loss of property, revenue, or profits, whether direct, indirect, or consequential, arising from their participation in this prize competition, whether injury, death, damage, or loss arises through negligence or otherwise.

IX. Intellectual Property

The Army is a strong proponent of deliberate IP rights and management by the private sector and DoW.

For the G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition:

- The Federal Government may not gain an interest in IP developed by a participant without the written consent of the participant;
- Nothing in this G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition shall diminish the Government's rights in patents, technical data, technical information, computer software, computer databases, and computer software documentation that the Government had prior to this G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition, or is entitled to, under any other Government agreement or contract, or is otherwise entitled to under law; and
- The Federal Government may negotiate a license for the use of IP developed by a registered participant in the prize competition.

Register now by selecting the G-TEAD SETAF-AF ACE 27-01: C-UAS Fly Away Kit Powered by xTech competition tile at:
https://www.xtech.army.mil/

X. Point of Contact

The U.S. Army FUZE xTech Program Office
Office of the Deputy Assistant Secretary of the Army, Research and Technology
Email: usarmy.xtech@army.mil
Website: https://www.xtech.army.mil/

APPENDIX A – xTech/C-UAS Fly Away Kit Competition Problem Statements

Capability 1: Consolidated Capability

Problem Statement: Small, deployed units cannot absorb integration burden or multiple software interfaces. A kit that arrives as components is not a fly-away kit.

Desired Capabilities & Innovation Areas:

- All four (2) capability areas (Categories 2–5) delivered as one (1) configured kit: pre-integrated and pre-cabled on a single air-cargo pallet or transit-case set, moved on one (1) vehicle, arriving in an employable configuration.
- Customizable by threat and environment permissiveness without re-integration.
- Integration with IBCS-M as the single common operating picture via its native sensor interface or the Integrated Sensor Architecture (ISA); one (1) operator interface, one (1) data model, one (1) training pipeline, one (1) sustainment tail.
- Single power distribution across the kit.
- Team entries under a named kit lead who owns integration and acceptance; single-area responses accepted as components under that lead.

Capability 2: Detection and Identification

Problem Statement: Early Entry Command Posts and Operating Locations have degraded means to detect Group 1–3 sUAS. Radio-frequency sensors cannot detect fiber-controlled or pre-programmed platforms. Sites are secured by guard forces with limited system operators. Systems and components detected are currently limited to electronic markers, silhouettes, or other factors and heavily reliant on library-based identification systems. This limits the ability to identify kit-built systems, knock-off components, or new technologies.

Desired Capabilities & Innovation Areas:

- Passive and/or active sensor integration, as applicable.
- Track multiple simultaneous targets.
- Detect and classify a non-emitting Groups 1 and 2 sUAS at 1.5 km or greater, day and night, by passive visual, infrared, acoustic, or passive radio-frequency sensing (threshold); 3 km (objective).
- Detect and track Group 1–2 at 3 km or greater and Group 3 at 8 km or greater by radar or equivalent (threshold); greater ranges (objective); track quality sufficient to cue an effector.
- Consistently update libraries, signals spectrum identification, and modifications on known models to allow for identification.
- The capability to detect and identify augmenting technologies (relays, range extenders, signal boosters, GPS/GLONASS, etc.).
- Classify unmanned aircraft from birds and other clutter; alert on a guard force device within seconds of detection.
- Operate with zero dedicated on-site operators; sustain detect, track, and classify for extended periods with no reach-back.
- Additional mission capability support, including power as required for the proposed configuration.
- Open Application Programming Interface (API) integration to enable interoperability and modularity.

- Compatibility with IBCS-M C2 platform.

Capability 3: Kinetic Defeat

Problem Statement: Host-nation authority for radio-frequency or navigation effects may be denied or delayed. A defeat option that requires no spectrum or navigation authority must exist in every package.

Desired Capabilities & Innovation Areas:

- An effector, including kinetic and/or non-kinetic options.
- Passive and/or active sensor integration, as applicable.
- Defeat Group 1–2 sUAS with no spectrum or navigation authority required (threshold); Group 3 (objective).
- Accept cues and track data from IBCS-M and report engagement results back to it; no separate operator console.
- Collateral effects and surface danger zone suitable for a site adjacent to an active host-nation airfield; reload to ready by two (2) Soldiers without special tools or equipment.
- Compatible with currently fielded U.S. Army weapon systems without modification where the solution mounts to an existing weapon.
- Additional mission capability support, including power as required for the proposed configuration.
- Open API integration to enable interoperability and modularity.
- Compatibility with IBCS-M C2 platform.
- Integration into GFE and Autonomy stack frameworks.
- Surface danger zone defined for the effector as employed; platform integration man-portable, CROWS, or tactical-vehicle mount.
    - For any launched interceptor: degree of autonomy stated — fully manual, human-in-the-loop, human-on-the-loop, or fully autonomous — with the target set by UAS group.

Capability 4: Non-Kinetic Defeat

Problem Statement: Non-kinetic defeat is the lowest-collateral option near active airfields and is entirely dependent on host-nation spectrum authority. It must be configurable to what is authorized and must not interfere with friendly systems.

Desired Capabilities & Innovation Areas:

- Kinetic and/or non-kinetic effectors with integrated sensing.
- Safety architecture.
- Detect and deny radio-frequency-controlled Group 1–3 sUAS at 2 km or greater (threshold); greater range (objective); directional and omni-directional modes, operator selectable.
- Restrict emissions to host-nation-authorized bands with engagement logging; preserve friendly communications and Blue UAS operations.
- Navigation disruption and control takeover provided as authority-gated options, disabled by default.
- Variable power and frequency output adjustable to target type, range, and host-nation requirements; frequencies, waveforms, and bandwidth configurable through software.
- Simplified operation for non-specialist users; advanced configuration for specialists.

- Cued from and reported to IBCS-M.
- Open API integration to enable interoperability and modularity.
- Compatibility with IBCS-M C2 platform.

Capability 5: Passive Protection

Problem Statement: Passive protection is the only layer that functions when every other authority is denied and when the kit is unpowered. It is routinely omitted from kits and from cost estimates. Assets to be protected include personnel, command post shelters, generators, antennas, and vehicles.

Desired Capabilities & Innovation Areas:

- Cost-constrained design where the cost of autonomy software/hardware does not exceed the cost of the platform.
- Reduce signature of generators, masts, and shelters across visual, near-infrared, mid-wave and long-wave infrared, and radar.
- Decoys integrated with IBCS-M that draw munition release away from occupied structures.
- Overhead mesh sized to the protected structure and shelter hardening, emplaced by the guard force without material handling equipment.
- Functions with no power, no spectrum, and no authority.
- Open API integration to enable interoperability and modularity.
- Compatibility with multiple C2 platforms (when applicable) and tasking via Agent Skills.
- Compatibility with IBCS-M C2 platform.

APPENDIX B – Application Programming Interface

Applicants should expect that Applicable Application Programming Interfaces (APIs) may be required as capabilities progress through the ACE to facilitate Government-directed testing, integration, interoperability, and data exchange. Requirements related to Applicable APIs, which may include registration in the U.S. Army API Marketplace, will be communicated as appropriate throughout the ACE process.

- **Applicable API.** An "Applicable API" means an API or similar protocol associated with the proposed system that enables, or is needed to enable, Government access, operation, testing, integration, interoperability, or data exchange involving the system. Respondents may be asked to identify existing Applicable APIs during the ACE process. Where an Applicable API does not exist, the respondent may be required to develop and make such API available to support Government-directed testing and integration.
- **ACE Demonstration**. Vendors selected for an ACE Demonstration may be required to make Applicable APIs and supporting technical artifacts available for Government-directed testing and integration. Testing may assess API accessibility, functionality, data exchange, interoperability, and integration with Government-designated systems, test environments, or other participating capabilities.
- **ACE Operational Assessment**. Capabilities advancing to an ACE Operational Assessment may be subject to progressively rigorous API testing and validation under operationally relevant conditions. Vendors shall be required to support integration activities and provide technical artifacts necessary to assess API performance, interoperability, and integration maturity. Government-identified API requirements may be required to be satisfied as a condition of transition to a Program Acquisition Executive (PAE) organization. Vendors may also be required to provide continued support to ensure APIs function and integrate as needed as solutions transition and scale.
- **API Not Applicable**. Where the proposed system does not require an API to support Government access, operation, testing, integration, interoperability, or data exchange, the API requirements of this section do not apply. Respondents may be asked to identify this and provide supporting rationale.