

EXPAND YOUR
REACH—WITH MUOS

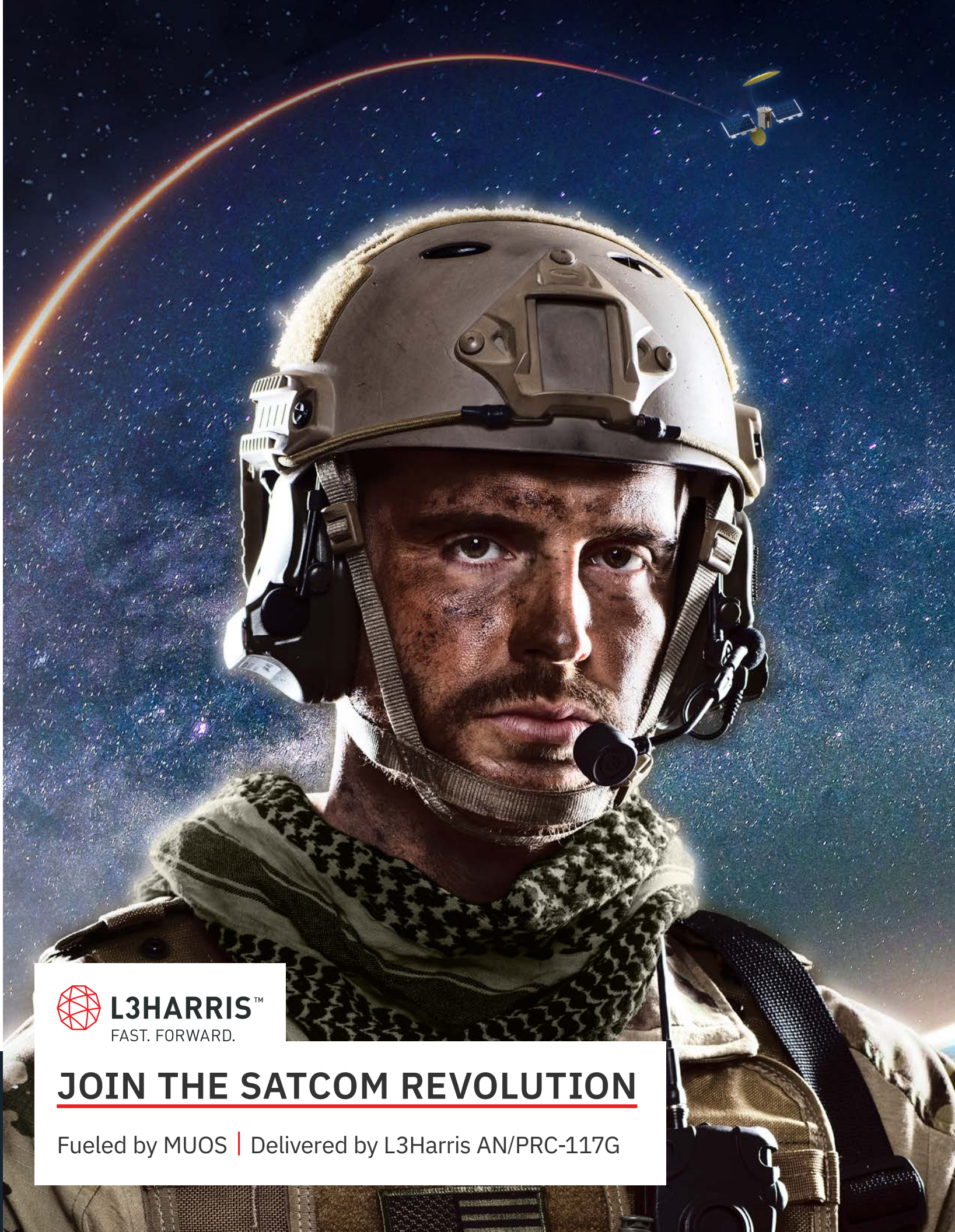
The U.S. Navy’s Mobile User Objective System (MUOS) is a next-generation narrowband tactical satellite system.

Designed to support missions that require greater mobility and improved operational availability, the constellation’s revolutionary design combines orbiting satellites with Earthbound relay stations to ensure true global connectivity. MUOS’ expanded technology and coverage potential far surpass those of legacy SATCOM’s architecture and restricted geographic reach.

FAST. FORWARD.

Join the SATCOM Revolution - SOCOM
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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers’ mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.



JOIN THE SATCOM REVOLUTION

Fueled by MUOS | Delivered by L3Harris AN/PRC-117G



KEEP THE LEAD IN THE DIGITAL BATTLESPACE

LEADER OF THE PACK

L3HARRIS FALCON III® AN/PRC-117G

- > Advances Command and Control with robust, high-speed voice, video and data capabilities
- > Battle-tested for reliable, secure mission-critical communications, with over 35,000 currently fielded worldwide
- > Proven connectivity in harsh tactical environments
- > Enables a wide range of tactical mission deployment with industry's most comprehensive set of waveforms

The L3Harris AN/PRC-117G, armed with MUOS software, fulfills the promise of and demand for next-generation SATCOM—providing U.S. military forces greater access to mission-critical communications. With enhanced capacity and advanced technology, this satellite constellation delivers real-time voice and data communications to users virtually anywhere in the world.

Forces are more agile with MUOS, gaining greater access to Situational Awareness without the need to stop and point an antenna. Warfighters on the move stay focused on their mission and commanders have a global reach for time-critical intelligence to make more informed decisions.

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GET TRUE GLOBAL CONNECTIVITY

With a MUOS software upgrade to the L3Harris AN/PRC-117G



GLOBAL COMMS

Direct, time-critical communications—the L3Harris AN/PRC-117G with MUOS connects users at virtually any two points in the world.



STAY CONNECTED ON THE MOVE

Operations are more flexible and Command and Control more powerful because mobile forces don't have to stop and point antennas for SATCOM connections.



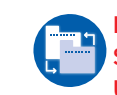
MORE USERS SHARING MORE INTEL

With greater capacity than legacy SATCOM, MUOS provides improved access and immediate availability for military forces. Even in remote areas, warfighters can set up and release connections on demand, moving information as needed.



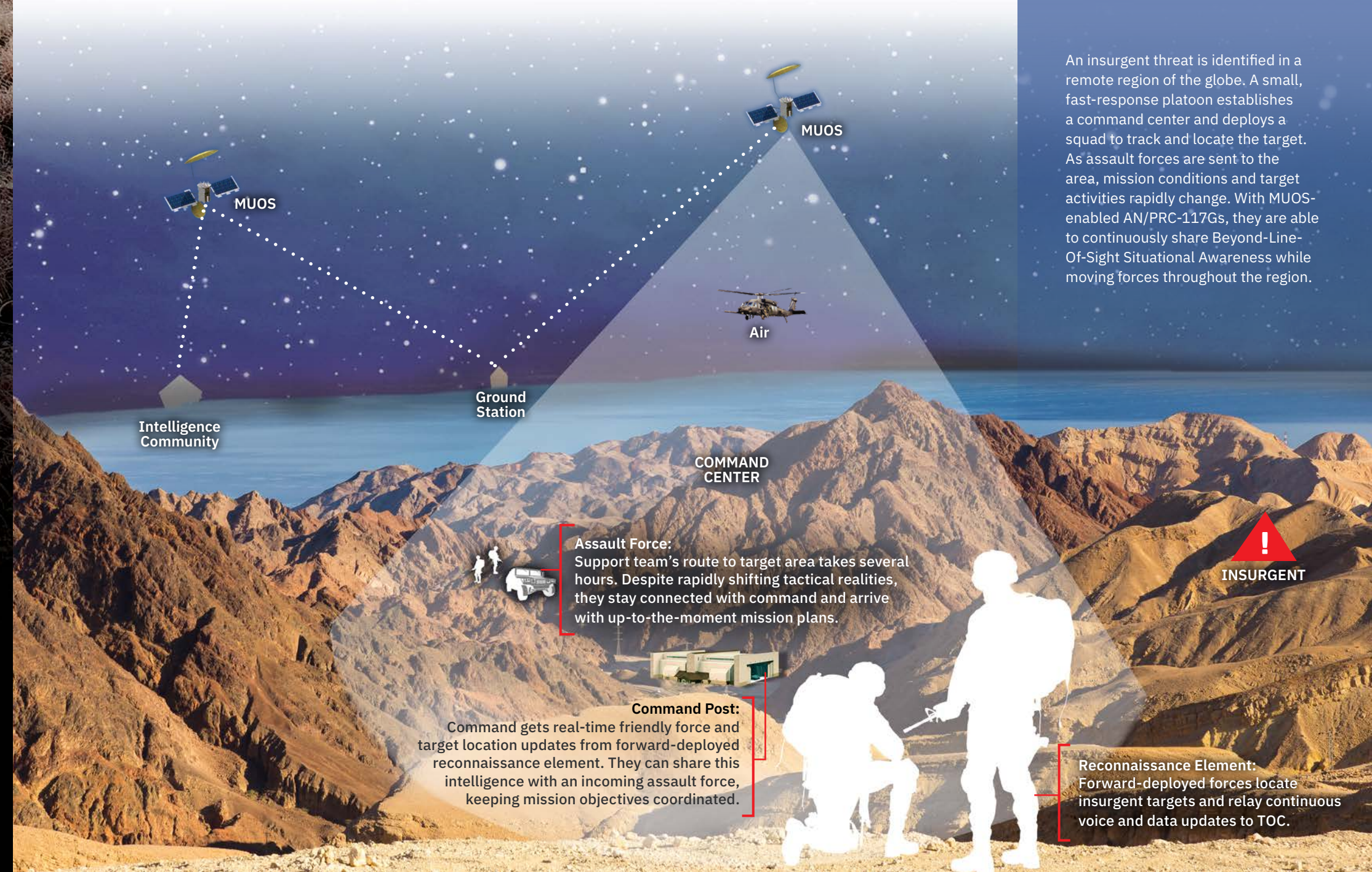
SAME RADIO—ADDED CAPABILITIES

Troops operating AN/PRC-117Gs worldwide can stay focused on their mission. MUOS is added while maintaining the AN/PRC-117G's powerful wideband networking and legacy interoperability.



LOW-COST SOFTWARE UPGRADE

Enabling MUOS on the AN/PRC-117G is a cost-efficient, software-only process, designed for streamlined and quick deployment.



An insurgent threat is identified in a remote region of the globe. A small, fast-response platoon establishes a command center and deploys a squad to track and locate the target. As assault forces are sent to the area, mission conditions and target activities rapidly change. With MUOS-enabled AN/PRC-117Gs, they are able to continuously share Beyond-Line-Of-Sight Situational Awareness while moving forces throughout the region.

Assault Force: Support team's route to target area takes several hours. Despite rapidly shifting tactical realities, they stay connected with command and arrive with up-to-the-moment mission plans.

Command Post: Command gets real-time friendly force and target location updates from forward-deployed reconnaissance element. They can share this intelligence with an incoming assault force, keeping mission objectives coordinated.

Reconnaissance Element: Forward-deployed forces locate insurgent targets and relay continuous voice and data updates to TOC.

