Viasat™

MOJO Next & MOJO Mini Next

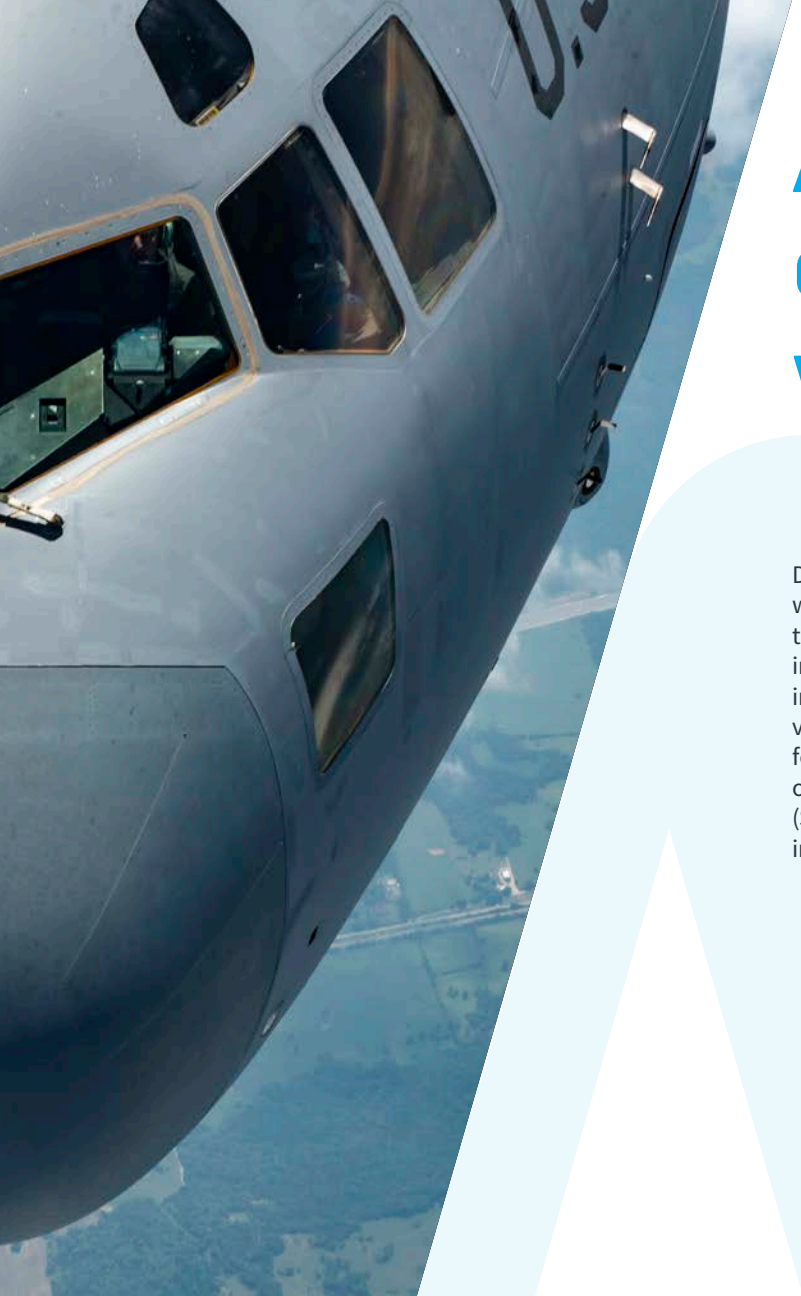
Move Out/Jump off (MOJO)

Your battlefield is everywhere - and so are we.

Ruggedized, intuitive situational awareness capabilities that integrate all expeditionary data and intelligence at-the-pause and on-the-move

Global military missions are increasingly operating in remote and rugged environments, necessitating the use of disparate air, land, sea, and space communications capabilities to support operations in these settings. Customers require solutions that integrate various communications into a single Common Operating Picture (COP). Meet the latest solutions in Viasat's suite of expeditionary tactical gateways: Move Out/Jump Off (MOJO) Next and Move Out/Jump Off (MOJO) Mini Next, delivering compact and ruggedized situational awareness capabilities that centralize expeditionary data and intelligence.

With MOJO Next and MOJO Mini Next, government users can centralize their disparate communications into a single COP utilizing line-of-site (LOS) and beyond line-of-site (BLOS) capabilities, gaining real-time air and ground situational awareness and network functions at-the-pause and on-the-move.



Advanced tactical edge computing with MOJO Next

Designed for operations in remote locations where network extensions are needed to execute the mission, the Viasat MOJO Next crosslinks incompatible networks and messages into clear and interoperable communications. This 360-degree view of the battlespace enables joint and coalition forces to exchange situational awareness data with other Link 16 or Situational Awareness Data Link (SADL)-enabled platforms, so that all assets are fully integrated into the COP.

MOJO Next: A Complete, Integrated System

- Simultaneous two-channel, LOS, and/or satellite communications
- Real-time network convergence with Link 16, TADIL-J, and VHF/UHF (SINCGARS, SRW, ANW2C, SATCOM, IW, and DAMA)
- Onboard computer and router to host data and gateway applications
- Air and ground situational awareness, voice, and data capable
- Easy-to-access connectors and integrated power supply for rapid deployment
- Covers are designed to allow devices to remain cabled while in transit
- Top ancillary plate quick mount system allows for fast setup and mission adaptability

MOJO Next achieves this while minimizing size, weight, and power (SWaP) and maximizing capabilities to deliver a ruggedized, mobile tactical gateway capability. Its modular form factor provides integrated computing and processing capabilities that adapt to your needs at-the-pause or on-the-move. Additionally, Viasat can help centralize and visualize the data to meet your specific needs – either by providing state-of-the-art software, such as TRAX, or integrating other solutions into the MOJO Next.

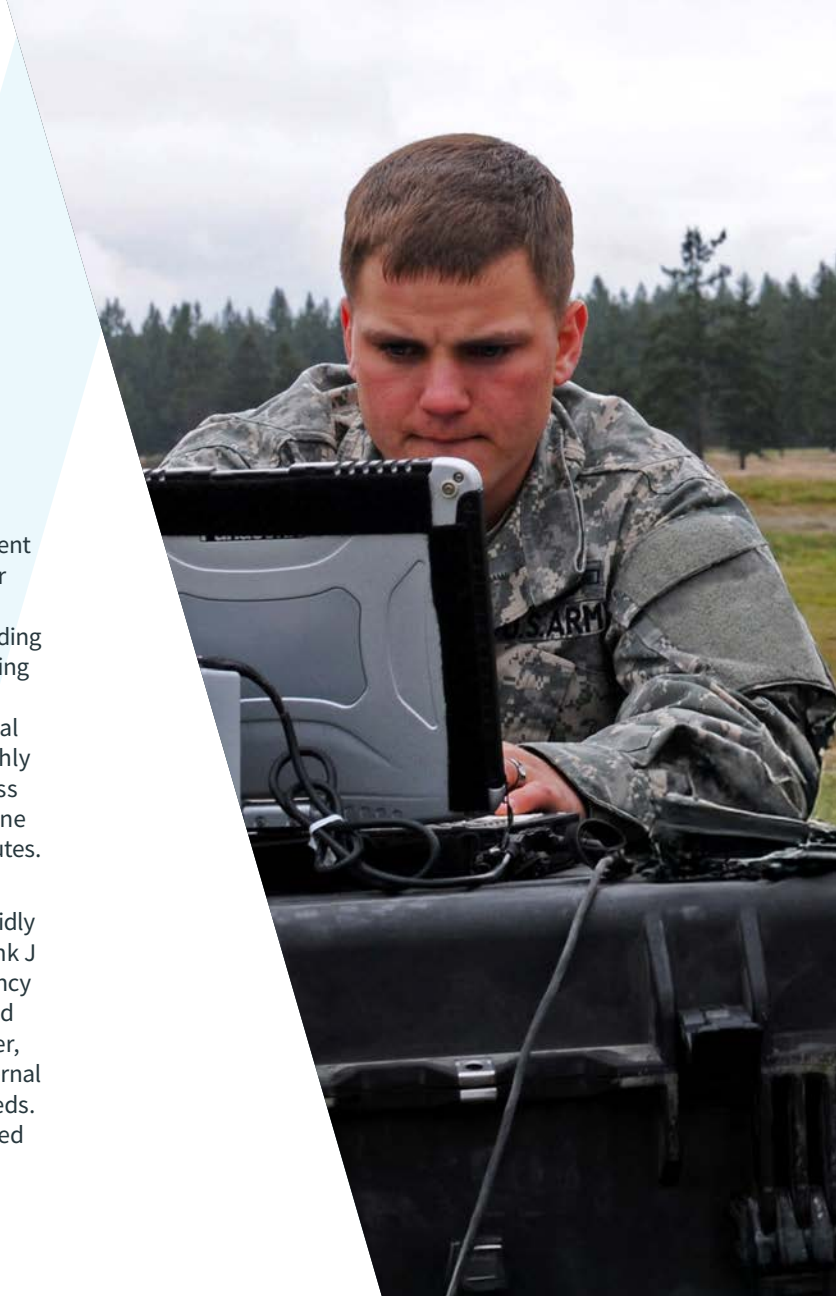
MOJO Next's modular design also allows for the addition of various radios including SADL, L3Harris AN/PRC 163, Trellisware, Persistent Systems, and Silvus, in addition to Viasat's edge encryption solutions, KG-250X and KG-250XS. This combination of capabilities, in conjunction with Viasat's Mobile SD-WAN networking platform (NetAgility™), enables users to seamlessly host multiple transports and disparate waveforms for robust and resilient connectivity to enable mission critical applications and data across the battlespace, even in Delayed/ Disconnected, Intermittently-Connected, Low-Bandwidth (DIL) environments.

Increase mobility with MOJO Mini Next

MOJO Mini Next merges incompatible data sources to provide the situational awareness required for command and control, targeting, and enhancing real-time decision making on the battlefield, reducing the risk of fratricide.

Viasat's MOJO Mini Next is designed based on government user input and is built to meet government operational demands. The MOJO Mini Next's lower SWaP design makes it ideal for space-constrained applications, such as small vehicles and boats, providing mission leaders with increased flexibility by eliminating the need to contend with the logistics and cost of transporting, installing, and maintaining traditional gateway infrastructure. The tactical gateway's highly mobile and compact design, panel of easy to access connectors, and integrated power supply allows one person to set up and operate the system within minutes.

When equipped with the L3Harris Small Tactical Terminal (STT), the Viasat MOJO Mini Next packs rapidly deployable Link 16, Tactical Digital Information Link J (TADIL-J), and very high frequency/ultra-high frequency (VHF/UHF) networking in a carry-on sized, ruggedized package. With the use of an external host computer, operators can select their own applications and external displays to best suit their situational awareness needs. Additionally, the MOJO Mini Next provides embedded resilient M-Code GPS.



MOJO Mini Next: A Smaller Integrated System

- Simultaneous two-channel, line-of-sight and/or satellite communications (SATCOM)
- Real-time network convergence with Link 16, TADIL-J, and VHF/UHF (SINCGARS, SRW*, ANW2C*, SATCOM, IW, and DAMA)
- Ruggedized carbon fiber transit case
- Integrated STT with intelligent cooling, control, and power
- Integrated 20 W VHF/UHF amplifier and LNA
- Integrated Viasat GIZMO M-Code or commercial GPS
- Easy access to STT host, data, voice, crypto, and RF interfaces

Whether it is supporting at-the-pause communications for dismounted warfighters or networking-on-the-move for small vehicles and boats, MOJO Mini Next keeps you connected.

TALK TO US

Want to learn how Viasat's expeditionary tactical gateways can optimize your mission?

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