

CommsKit z2+

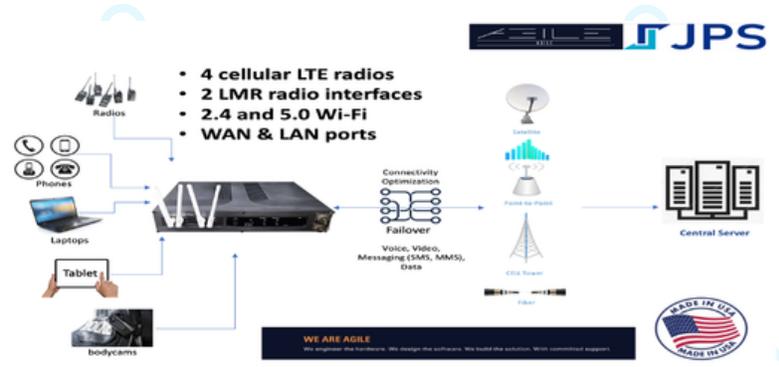


Common Operating Radio Communications Platform

The CommsKit z2+ is a tactical communications hub in a military-grade hard case, enabling communication in challenging terrain where fixed installations are not feasible. This compact, rugged device integrates bonded multi-channel cellular LTE, Wi-Fi, GPS, and Land Mobile Radio extension capabilities. It includes built-in LTE and GPS antennas, powerful and secure Wi-Fi with a large effective range for authorized devices and supports Wi-Fi mesh with multiple systems. This versatile analog/VoIP gateway enables audio patching between local radio and IP-based resources such as SIP devices, Push-to-Talk over Cellular (PoC) applications, and more.

The Basics

- 4 LTE Channels / 4 SIM slots per CommsKit z2+
- GPS tracking built into each CORE CommsKit z2+ unit
- Can be set up individually or as part of a network with other AGILE CORE systems
- Reliable and protected wireless network for body cameras, surveillance equipment, and other wireless systems
- Interconnection points for mobile data units, biometric instruments, and ancillary devices
- The optional CORE Optica server provides unified management of multiple CORE-series based systems



Our innovative features ensure top-tier radio system connectivity, delivering an unmatched trunked radio interface and effortless integration with all half-duplex devices. With a growing array of IP-based connectivity options for diverse audio streaming services, we simplify the complexities of connecting these systems to radios. The CommsKit z2+ functions exceptionally well independently but also integrates flawlessly to form a scalable, reliable wide-area interoperability network, providing on-demand audio routing and connections. Each CommsKit z2+ incorporates advanced software to manage cell tower handoffs while in transit, optimizing signal strength and automatically selecting the best available throughput connection. Bonded LTE aggregation allows CommsKit z2+ users to maintain active sessions, even if one or more cell connections drop. The LMR functions silently to identify any loss of service to the trunked radio network, automatically rerouting transmissions over the LTE connection without operator intervention.

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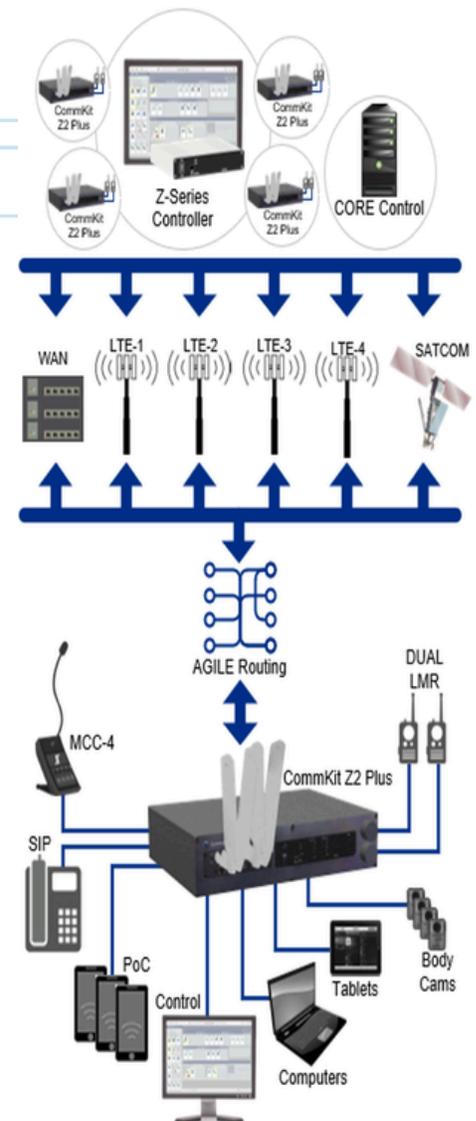
Billet milled aluminum case for mobile, portable and office applications

Product Specification Data Sheet

- Supports dual 4-wire/radio interfaces, enhanced SIP and RTP, ROIP, integrated PoC, and JPS MCC consoles.
- Our serverless platform facilitates secure, isolated system operation, enabling users to manage, configure, and control all functionalities through a web browser interface.
- Whether used independently or as part of a system, the RSP-Z2 supports extensive communication networks via JPS Controllers, capable of managing numerous resources at once.
- Features like Adaptive Transmit Delay, Voice Modulation Identification, and an extensive audio dynamic range ensure the quality of LMR voice transmissions, whether on local networks or through intricate RoIP connections.
- RoIP voice communications links established with the CommsKit z2+ Plus are resilient and self-heal through power cycles, making them ideal for ad-hoc tactical situations. RoIP links can optionally use AES-256 or HC-128 encryption.

Number of Cellular Radios	4
SIM Capacity	4
eSIM capable	1
Number of Cellular Antennas	4
GPS	Yes
Active or Passive GPS	Active
Number of GPS Antenna	1
Wi-Fi	Yes
Aggregate Bonding	Yes
Number of Internal Wi-Fi Antennas	2
Radio Over IP Capable	Yes
Number of Ethernet Ports (LAN/WAN)	4
Number of Simultaneous Users	512
Power, Battery	10V, 42Ah
Length	311.15mm
Width	439mm
Depth	88.9
Weight	12lbs
Colors	Dark Grey

Our devices automatically find the best available connection. If cellular service is lost, CORE will automatically switch to a satellite modem. When cellular service returns, it will reconnect. Customers do not need to monitor AGILE Routing.



WE ARE AGILE

We engineer the hardware. We design the software.
We build the solution. With committed support