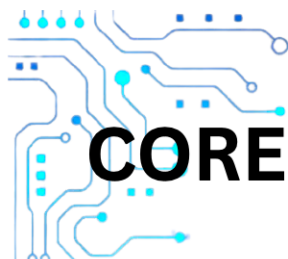**(202) 827-6301 / SALES@AISINTEROP.COM**
www.AISINTEROP.com
Bethesda, MD. Sunrise, FL. Berlin, Germany

AGILE CAGE: 7WTH2
AGILE DUNS: 080324701
NAICS CODE: 334220
GSA MAS CONTRACT NUMBER: 47QTCA19D0052

CORE CommsKit

Flexible Communications Platform

AGILE Mobile CORE and Twin CORE systems are available in a variety of CORE CommsKit configurations. CORE CommsKit is a tactical communications hub built within a military-grade hard case that enables communication in terrain or conditions where a fixed vehicle installation is not feasible.

The CORE CommsKit contains a 4 Channel Mobile CORE or a 2 Channel Twin CORE. Mobile CORE and Twin CORE are compact, rugged devices that integrate bonded multi-channel cellular LTE, WI-FI, GPS, and optional Land Mobile Radio extension capabilities (CORE CommsKit LMR). Every CORE CommsKit contains a rugged router, long life batteries and built in LTE and GPS antennas. All of the benefits of the AGILE CORE in a package that can be transported to any location.

The Basics

- Battery time is 16 to 76 hours depending on CommsKit version, 12V, 20Ah
- 4 LTE Channels / 4 SIM slots for each Mobile CORE based CommsKit
- 2 LTE Channels / 2 SIM slots for each Twin CORE based CommsKit
- GPS tracking embedded in each CORE CommsKit
- May be deployed singularly or in a peer-to-peer mesh with other AGILE CORE systems
- Large, secure Wi-Fi coverage area for body cams, monitoring devices and other wireless systems
- Interconnect points for mobile data units, biometric equipment, and other devices
- CORE Control 1 adds remote management for multiple CORE based systems
- CORE Control 2 adds virtual SIM management, centralizing SIM cards while allocating the correct SIM cards per location of each CORE system.

Scalability and Operations

- Four cellular LTE radios onboard that can hold 4 SIM cards locally for CommsKits equipped with the Mobile CORE or 2 cellular LTE radios onboard for CommsKits equipped with the Twin CORE or SIM cards can be distributed virtually from an optional CORE Control 2 system installed at your datacenter.
- The optional CORE Control configures and checks in on all CORE systems. CORE Control provides the MMS feature and reduces maintenance and downtime while providing integrated system status reports.
- CORE CommsKit systems automatically register with the optional CORE Control 1 server when turned on and are visible on the network for the entire duration. If CORE Control 2 is added appropriate remote SIM cards can be distributed per plan.
- Powerful and secured Wi-Fi with a large effective range, secured authorized devices. Wi-Fi mesh is possible with multiple Mobile CORE systems deployed in a given territory.

Every CORE CommsKit has sophisticated software that manages cell tower handoffs as you travel, maximizing signal strength and automatically searching for the best throughput connection available. Use of bonded aggregation allows Mobile CORE 5G users the ability to maintain session persistence even if one or more of the cell connections fail for any reason. The optional LMR extension functions in the background to detect loss of service to the trunked radio network and will send the transmission over the LTE connection. This requires no action by the operator.

www.AISINTEROP.com

AGILE CAGE: 7WTH2 / AGILE DUNS: 080324701 / NAICS CODE: 334220 / GSA MAS CONTRACT NUMBER: 47QTCA19D0052
Bethesda, MD. Sunrise, FL. Berlin, Germany

Mobile CORE 5G

Product Specification Data Sheet

Billet milled aluminum case for mobile, portable and office applications

Our devices automatically search for the best throughput connection available. If LTE connections are lost, Mobile CORE will automatically connect to the satellite. If the device finds an available cellular connection it will reconnect to that service, hands-free. The customer does not have to monitor AGILE Routing.

	CommsKit X1/X2	CommsKit-LMR X1/X2	Twin CORE CommsKit X2
Number of Cellular Radios	4	4	2
SIM Capacity	4	4	4
Number of Cellular Antennas	4/8	4/8	4
GPS	Yes	Yes	Yes
Active or Passive GPS	Active	Active	Active
Number of GPS Antennas	1	1	1
Wi-Fi	Yes	Yes	Yes
Number of Internal Wi-Fi Antennas	4	4	4
Number of External Wi-Fi Antennas (optional)	2	2	2
Radio Over IP Capable	No	Yes	No
Number of Ethernet Ports (LAN/WAN)	6	6	6
Number of Simultaneous Users	512	512	512
Power, Battery	12V, 48Ah	10V, 42Ah	12V, 10Ah
Battery Time Before Recharge	28-76 Hours	16-48 Hours	18-54 Hours
Length	22" (56cm)	22" (56cm)	14" (35.56cm)
Width	16" (40.6cm)	16" (40.6cm)	10" (25.4cm)
Depth	12" (30.5cm)	12" (30.5cm)	7" (17.78cm)
Weight	25lbs. 5oz. (11.6kg)	30lbs. 8oz. (13.8kg)	10lbs (4.54kg)
Colors	Black Case	Black Case	Black/Yellow Case

WE ARE AGILE

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