



Common Operating Radio Engine (CORE)

THE POWER YOU NEED TODAY, UPGRADEABLE FOR TOMORROW

UPGRADEABLE Future-Proof Solution

CORE protects your investment through use of an expandable, upgradeable, and enhanceable architecture.

- Components and Parts Can Be Exchanged Without Modifying Unit
- Onsite or Remote Software Upgradeable
- Add More Capabilities if Needed
- 3 Onboard Servers including Client Use Server for Software Apps and Data

DEPLOYABLE Ready for the Real World

CORE is ready for real world situations and worst-case scenarios, whether on, or off the grid.

- Setup in Under 15 Minutes
- Push-Button Setup with Minimal Requirements
- Mobile: Deploy from Small SUV
- Connectivity via Cellular, Fiber, Satellite, Microwave or Any Standard Network Connection
- Use daily as a business continuity solution for voice and data

COST-EFFECTIVE Best Value in the Industry

With best-in-industry support and capabilities only found in more expensive systems, CORE delivers unrivaled value.

- Best-in-Industry Support
- Future-Proof
- Minimal Training Requirements
- Cost-Based Routing for Network Services
- High Number of Voice and Data Channels for Cost, Compared to Competing Systems
- Integrates with Existing Systems, Networks, and Equipment

CONFIGURABLE Tailored to the Customer

Every CORE system is custom-built and tailored to the customer's current and future needs.

- Server-Room Configurations
- In-Vehicle Configurations
- Mobile Command Center Configurations
- Man-Portable Configurations
- Designed and configured for optimal ease of use



Take the Office to the Field

with full office functionality through an enterprise PBX.

Rapid Deployment and Ease of Use

through a push button software application and PBX commands.

Seamlessly Connect and Encrypt

disparate radio, cellular (voice and text), and landline networks.



Never Drop a Call

with bonded cellular and seamless transition between towers and carriers.

Connect Your Agency's Applications

with CORE's onboard server and three layers of local Wi-Fi.

A Customizable Solution

to meet the full spectrum of operational requirements.

CORE Specifications

Power

- AC 110/220 DC 12V
- 1200 watts

Height

- 20.4"

Width

- 26.5"

Length

- 43" with doors on

Weight

- <100 lb

Temperature Range

- -18° C min 40° C max
- Active Thermal Control

Frequency

- GSM all Band 2G 3G 4G LTE
- UMTS
- BAND 14 LTE (FirstNet) Multi carrier bonded LTE

Wi-Fi

- 802.11 a/b/g/n/ac PtP, PtMP, Mesh

Encryption

- ZRTP media encryption 256bit+ data encryption FIPS compliant

Client Application Server (standard build)

- Windows Server 2016
- 1 TB capacity
- 2 x 14 core Xeon Processors 64GB RAM

Channels

- 16 cellular/LTE
- 8-30 radio networks
- Up to 1000 extensions
- 2 PRI/BRI
- 32 FXS/FXO

SMS throughput

- 100 sms/second

Onboard SIM capacity

- 60 sims

Virtual SIM Capacity

- 24,400 sims at centerpoint

User Assignable DID

- No limit

VPN

- Wide area WAN Encrypted Compression Rain mode

Communications Protocols

- **Audio:** G711u/a, GSM, G719, G722, G723, G726, G729, SPEEX, ADPCM, ILBC, SIREN7/14, SILK, SLIN, LPC10, OPUS
- **Video:** H264, MPEG4, VP8, H263/p, H261 Microsoft Lync compatible (WRTC) SMS: SMPP, XMPP
- **Radio:** VHF, UHF, HF, 700MHz, 800MHz, 900MHz, Trunked, p25, sideband, (all analog/digital with IP interface)

AGILE COMPARED

Agile Products Competitors

2-4 Radios	1-2 Radios
2 Processors	1 Processor
1 Router	NO Router (not included)
Firewall	NO Firewall
Ruggedized Case	NOT Ruggedized

MORE BANDWIDTH LESS EXPENSE!

WE ARE AGILE

We engineer the hardware. We design the software. We build the solution.



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