



AGILE Marine Solutions resolves the issues related to congested marina Wi-Fi, spotty cellular connections, or no connections at all when you're cruising or offshore.

Delivering high-performance LTE service for HD streaming and Internet in the U.S. and Internationally more than 25 miles (40km) offshore. Now you can enjoy more reliable coverage and faster speeds.

The Marine Core is a LTE communications solution for yachts and ships to reduce satellite costs and provide a bigger internet connection when near shore. Mobile Core has sophisticated software onboard to manage cell tower hand offs as you move to maximize signal strength and the ability to automatically search for the best throughput connection available. The bonded LTE aggregates all cellular connections to maintain session persistence even if one or more cell connects drop due to the ship travelling out of range. The LMR extension functions in the background to detect loss of service to the trunked radio network and send the transmission over the VPN secure LTE connection. This requires no action by the operator.



Stay connected even at sea with MARINE CORE:

- Stream video and music
- Call, text, chat and FaceTime with Wi-Fi calling
- Browse the Internet
- Check email
- Use apps
- Post on Social Media
- Video Conference



What does it do ?

- Smart routing for automatic switching between LTE and satellite services and back to LTE to reduce sat usage
- Intelligent software to scan for the best LTE connection available all the time.
- No moving parts to be affected by ship movement
- 4 cellular LTE radios (carrier agnostic)
- Automatic switching between carriers for expanded coverage.
- Onboard sim cards directly in the unit and virtual downloaded from a datacenter sim library
- Large coverage area secure WI-FI for multiple devices and calling via compatible cell phones
- GPS tracking embedded in the unit
- Interconnect points for mobile data units.
- Conformally coated boards and billet aluminium construction for durability
- Passively cooled for a wide range of temperatures

We Can Also Provide the Cellular Service (Optional)

Agile can provide cellular service LTE plans for different regions using local service providers to offer max speed, monthly throughput of data and cost effectiveness with onboard sims and from our sim library.



MARINE CORE

Billet milled aluminum case for marine, mobile and portable applications

4G LTE 4 Radios, 4 onboard SIM slots (unlimited virtual SIM slots optional)		Connectivity	
LTE Band 14 Compatible		Wi-Fi	Dual Radio Dual Band 2.4/5 GHz 802.11a/b/c/g/n/ac
Bonded LTE		Wired	6 =>4out+2in Gigabit RJ-45 Ethernet Ports
LTE-Advanced			2 USB 2.0 Ports
Band Class	B1 (2100) B2 (1900) B3 (1800) B4 (1700) B5 (850) B7 (2600) B8 (900) B12 (700) B13 (700) B14 (700) B17 (700) B20 (800) B25 (1900) B26 (850) B29 (700) B38 (2600) B39 (1900) B40 (2300) B41 (2500/TDD)	Bluetooth Connectivity	
		WLAN Security	WPA, WPA 2, WPA-PSK, WPA-EAP
		GPS	Active NMEA Passive NEMA
		Structure	
		Power	4 to 40 VDC
		Dimensions	5 15/16" x 6 1/8" x 2 1/16" 151mm x 156mm x 52mm
		Weight	3lb / 1.4 kg
		Operating Range	-22°F to 158°F -30°C to +70°C IP64
		Security	
		FIPS-140-2	Optional
		VPN	IPSEC Tunneling
		Warranty and Service	
		Standard	1 Year Limited
		Optional	2, 3, 5 year
3G / WCDMA	B1 (2100), B2 (1900), B3 (1800), B4 (1700), B5 (850), B8 (900) TDSCDMA: B34 (2000), B39 (1900+)		

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LESS Expense