



ENABLING COST-EFFECTIVE MOBILE DATA FOR MARITIME AND ENERGY

Speedcast CELLULAR Near-shore brings a near-shore data-only 4G/LTE service to vessels and offshore assets around the world, complementing Speedcast's VSAT and MSS services. Operations, IoT applications and devices, big data transfers, remote IT connectivity, and optional Internet access can be enhanced by download speeds up to 100Mbps (4G/LTE carrier dependent). CELLULAR Near-shore can receive a 4G/LTE/3G signal up to 15 Nautical Miles offshore, depending upon the vessel or rig's position, antenna, and cellular tower location. If a 4G/LTE signal is not available, CELLULAR Near-shore automatically switches to 3G/HSPDA modes of operation, so a signal can be used when near-shore.

COST CONTROL

CELLULAR Near-shore provides flexible cost control and overage protection, ensuring that the monthly allowance is never exceeded. Usage alerts automatically notify systems administrators if the service is approaching its monthly limit. The administrator can then override the notification, ensuring that operations on board are not affected.

FLEXIBLE BUNDLES

CELLULAR Near-shore's plans are flexible, with a range of bundles to fit any requirement. Global 4G/LTE data plans can provide up to 2TB per month with simple and efficient pricing.

FEATURES AND BENEFITS

- Ideal for Cruise, Energy, Merchant and River Cruise sectors
- Easy installation
- Proactive cost control and overage protection
- Flexible data package options
- Complements other onboard communication

Speak to a Speedcast Sales Representative for more details.

HYBRID NETWORKING

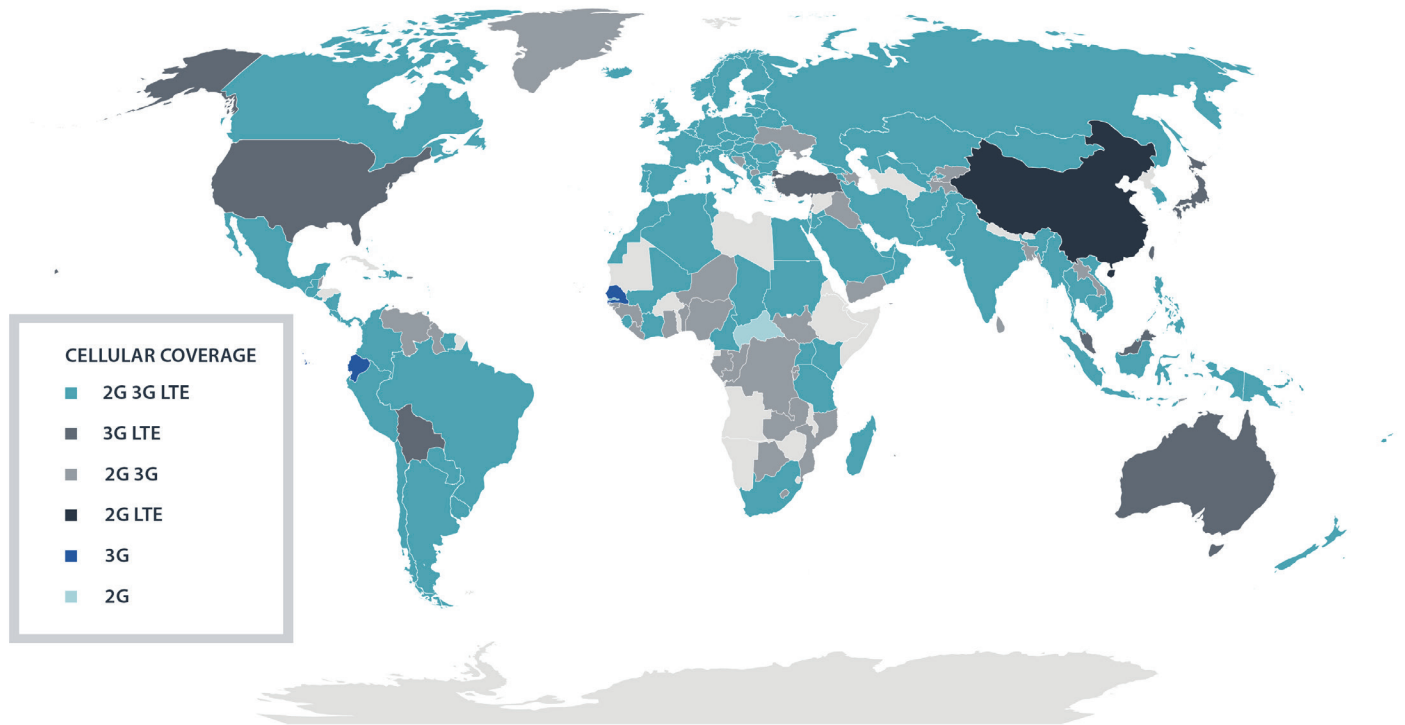
CELLULAR Near-shore provides high speed access to the Internet and corporate VPN connections, creating a hybrid network with Speedcast's VSAT and MSS services. When CELLULAR Near-shore is combined with Speedcast's SIGMA solution, access to the 4G/LTE connection can be controlled, ensuring that unauthorised traffic is blocked. Business services such as live CCTV streaming of cargo operations and remote maintenance of on-board equipment can occur effortlessly with a high-speed and low-latency 4G/LTE

connection. CELLULAR Near-shore also functions with Speedcast's SD-WAN solutions, offering seamless remote networking solution.

EASY INSTALLATION OF HARDWARE

CELLULAR Near-shore is a complete 4G/LTE package, including a commercial-grade router inside of an IP67 rated enclosure, high-gain omnidirectional 4G/LTE antennas, and the necessary cables. Installation is simple and can be performed by on-board crew, reducing the cost of implementation.

SPEEDCAST CELLULAR NEAR-SHORE COVERAGE



4G/LTE/3G ROUTER SPECIFICATIONS

Bands		Max Modem Speeds		Ethernet	
4G/LTE	B1/B3/B25(B2)/B66(B4)/B26(B5/B18/B19)/B7/B8/B12(17)/B13/B14/B20/B28/B29/B30/B32/B71/B28/B29/B30/B32/B71/B38/B39/B40/B41/B42/B43/B46/B48	4G/LTE	100 Mbps Down/50 Mbps Up	1 Port WAN 1000Mbps, 1 Port LAN 1000Mbps	
		3G	42 Mbps/5.76 Mbps Up		
		Carrier/Region		Antenna	
		Global/CAT-18		Model	Antenna Model World Band Cellular Antenna (x4) Full Band (700–2700 MHz) Broadband IP67 Rating Omnidirectional antenna with 4.3dBi Gain
3G	B1/B2/B4/B5(B19)/B8	Cellular Standard			
		LTE-A Pro			