



## PLATFORMS WAVEACCESS PLATFORM



### ACCESS A RANGE OF PRE-INTEGRATED 3<sup>RD</sup> PART SERVICES

PLATFORM utilizes KNL Networks' global communications network in maritime. KNL Networks connects ships to shore cost-effectively and without location restrictions. This enables data and the smart apps of 3rd party services to meet.

Through PLATFORM customers can choose from a range of value-adding services that can turn data into business. The 3rd party services include data-analytics, ERP-systems, asset management, fuel optimization services and more. Strong security standards of both 3rd party services and KNL Networks create uncompromised data connectivity for IoT applications.

### HOW IT WORKS

Different sensor devices and other data sources connect to IoT gateways on ships. This data is transmitted to KNL's Cloud over the WaveAccess dedicated mesh-network using long-range HF communications at sea and cellular networks nearshore. From the KNL Cloud service providers can retrieve data to be used for specific value-adding purposes. The actual signal collection and processing can be reconfigured from shore by the service provider allowing for software updates or bug fixing on the fly.

Data is fully controlled by the Ship Owner and data all the way from sensor devices to the 3rd party service providers' network is secured to ensure data confidentiality and integrity.

