



PRESS RELEASE

Alpha Ori ties up with Singtel to provide broadband satellite, cybersecurity to shipping companies

Singapore, 28 November, 2017 - Alpha Ori Technology Holdings Pte Ltd and Singtel today signed a Memorandum of Understanding to provide the maritime industry a more efficient and cost-effective way of managing their fleets using secured broadband satellite combined with cybersecurity and Internet of Things (IoT) applications.

Alpha Ori's on-board automated SMARTShip IoT solution tracks and analyses more than 5,000 data points from the ships' navigation, engine performance and cargo handling systems. This would help the crew and their onshore fleet operations centre make timely decisions such as re-routing ships to achieve better fuel efficiency or conducting maintenance work only when necessary. The data transmission between ship to shore will be secured using Singtel's Fleet Xpress high-speed satellite broadband service.

"With Singtel's leadership in satellite communications, this collaboration is expected to help further secure data exchange between ship and shore. These innovative communication solutions can also help reduce the cost of data exchange for our digitalised ships." said Capt. Rajesh Unni, CEO of Alpha Ori. "The maritime industry is waking up to the fact that cybersecurity is a growing risk management issue. By leveraging on each other's strengths, this digital collaboration will help provide definitive solutions for secured IOT through the use of cutting-edge technology."

The collaboration supports the International Maritime Centre 2030 Advisory Committee's call to develop an innovative maritime sector in Singapore and help digitalise the industry.

"With more than 90% of the world's trade being carried by sea, it is imperative for maritime companies to harness innovative ways of managing their fleets more efficiently and securely," said Mr Andrew Lim, Managing Director for Business Group at Singtel. "As more devices and ships become interconnected, their vulnerability to cyber hacking increases exponentially. Our partnership aspires to provide a secured digital connection between ship and shore, and facilitates the use of IoT, advanced analytics, cloud and cybersecurity solutions. This advances the maritime industry's digital transformation and paves the way for the roll-out of autonomous ships in the future."
