



NEWS RELEASE

ORBCOMM Launches First Commercial LoRa WAN™ On-Board Vessel IoT Solution

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Extends record of leadership in innovation and compliance with IoT industry standards supporting the global container supply chain

ROCHELLE PARK, N.J., Nov. 17, 2020 (GLOBE NEWSWIRE) -- ORBCOMM Inc. (Nasdaq: ORBC), a global provider of Internet of Things (IoT) solutions, today announced that it has expanded its industry-leading portfolio of on-board vessel IoT systems to include LoRa WAN™ (LoRa) technology. Through a partnership with Net Feasa, a global IoT service provider based in Dingle, Ireland and Sunnyvale, CA, ORBCOMM has deployed the first commercially available solution using LoRa technology to monitor containers on board vessels for a large global shipping line.

ORBCOMM's refrigerated container monitoring solutions provide global, end-to-end supply chain visibility.



The solution combines **VesselConnect**, ORBCOMM's industry-leading refrigerated container management application with Net Feasa's EvenKeel™ IoT device connectivity, management and services platform. Refrigerated containers communicate in real time through LoRa gateways mounted in strategic locations on the vessel. Key container data, including temperature, humidity and alarms, is collected in EvenKeel and updated in ORBCOMM's VesselConnect. The VesselConnect application communicates over satellite back to **ORBCOMM's land-based platform**, enabling customers to see the location of all vessels as well the status of each container on board from a single, comprehensive command and control center. ORBCOMM's fully integrated system supports two-way commands, allowing users on the vessel or at land-based operations to change the container's temperature set points and other parameters. ORBCOMM's on-board vessel IoT solution is designed primarily to eliminate the "black hole" of refrigerated container visibility at sea. In addition, ORBCOMM's solution helps customers enhance crew efficiency and safety by eliminating the need for manual inspections of the containers and improve operational efficiency through remote pre-trip inspections along with actionable data on maintenance and repair status.

ORBCOMM's new LoRa-based system is compliant with the **Digital Container Shipping Association's (DCSA) new IoT connectivity standards** created to make the shipping container supply chain more transparent, reliable and secure. As one of the DCSA-approved technologies for on-vessel operations, LoRa offers an alternative to cellular and other communication technologies in use today. ORBCOMM's VesselConnect is unique in offering multiple choices for on-board vessel network connectivity so that customers can utilize the technology that best suits their use case.

"ORBCOMM's new LoRa-based on-board vessel IoT solution complements our best-in-class portfolio of refrigerated container management solutions and further demonstrates our commitment to continued innovation supporting the global supply chain," said Christian Allred, ORBCOMM's Senior Vice President and General Manager of Global Sales. "Together with Net Feasa, we're helping shipping companies drive digital transformation, while achieving measurable savings."

"As global concerns for cargo quality and security as well as traceability increase, the real-time tracking and monitoring of refrigerated containers is becoming the industry norm," said Mike Fitzgerald, Net Feasa's Chairman. "We're pleased to partner with ORBCOMM to bring our expertise in global IoT networks together with their leadership in innovation and compliance with IoT industry standards to the global container marketplace."

For more information about how ORBCOMM's refrigerated container monitoring solutions provide global, end-to-end supply chain visibility, please visit <https://www.orbcomm.com/en/solutions/>.

About ORBCOMM Inc.

ORBCOMM (Nasdaq: ORBC) is a global leader and innovator in the industrial Internet of Things, providing solutions that connect businesses to their assets to deliver increased visibility and operational efficiency. The company offers a broad set of asset monitoring and control solutions, including seamless satellite and cellular connectivity, unique hardware and powerful applications, all backed by end-to-end customer support, from installation to deployment to customer care. ORBCOMM has a diverse customer base including premier OEMs, solutions customers and channel partners spanning transportation, supply chain, warehousing and inventory, heavy equipment, maritime, natural resources, and government. For more information, visit www.orbcomm.com. You can also connect with ORBCOMM at <https://blog.orbcomm.com>, on Twitter at [@ORBCOMM_Inc](https://twitter.com/ORBCOMM_Inc), at <https://www.linkedin.com/company/orbcomm> or at https://www.youtube.com/c/ORBCOMM_Inc.

About Net Feasa Ltd.

Net Feasa is a trusted IoT service provider dedicated to the digital transformation of the supply chain. Our compliance-based connectivity solutions are embedded in the heart of global communications networks and supply chains. Our open global connectivity platform, EvenKeel™, can support LPWAN (LoRa, NB-IoT, LTE-M) and/or Cellular (LTE, 5G). The Net Feasa team has decades of experience in designing and deploying wireless communication systems across the globe, including 1,000 remote communities (Satellite/GSM/3G/Wi-Fi), 500 aircraft (Satellite/GSM/Wi-Fi), 500 container ships (Satellite/GSM) and cruise ships (Satellite/GSM). For over three decades, our management team has garnered expertise in Wireless Communications, IoT, Cloud, Big Data, practical uses of Machine Learning and Network Security. For more information, visit www.netfeasa.com.

Forward-Looking Statements

Certain statements discussed in this press release constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements generally relate to our plans, objectives and expectations for future events and include statements about our expectations, beliefs, plans, objectives, intentions, assumptions and other statements that are not historical facts. Such forward-looking statements, including those concerning the Company's expectations, are subject to known and unknown risks and uncertainties, which could cause actual results to differ materially from the results, projected, expected or implied by the forward-looking statements, some of which are beyond the Company's control, that may cause the Company's actual results, performance or achievements, or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. In addition, specific consideration should be given to various factors described in Part I, Item 1A. "Risk Factors" and Part II, Item 7. "Management's Discussion and Analysis of Financial Condition and Results of Operations," and elsewhere in our Annual Report on Form 10-K, and other documents, on file with the Securities and Exchange Commission. The Company undertakes no obligation to publicly revise any forward-looking statements or cautionary factors, except as required by law.

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A photo accompanying this announcement is available at

<https://www.globenewswire.com/NewsRoom/AttachmentNg/0a144fb1-cd2a-4e2c-9002-5a740bbf3654>

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