

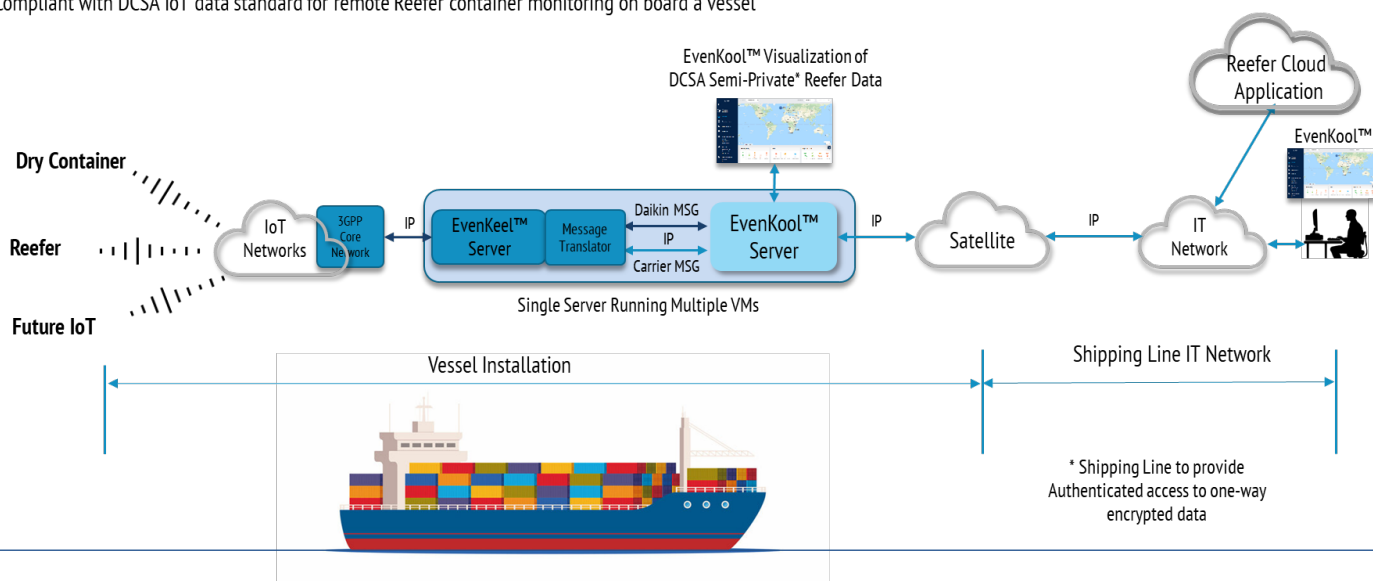
ON VESSEL REEFER MONITORING - SENDING ALARMS TO THE BRIDGE OR COST EFFECTIVELY OVER SATELLITE TO AN OPERATIONS CENTER, IS BEGINNING TO LOOK LIKE A NORM GOING FORWARD.

WORLD'S FIRST FULL FLEETWIDE DEPLOYMENT OF IOT REMOTE REEFER MONITORING AND ACTIVELY ENGAGED WITH MULTIPLE SHIPPING COMPANIES (4 OF THE WORLD'S TOP 10).

OUR SOLUTION IS DEVICE AGNOSTIC (WE SUPPORT ALL IOT DEVICES) AND WE SUPPORT MULTIPLE RADIO TECHNOLOGIES.

FUTURE PROOF SOLUTION SUPPORTING LEGACY DEVICES, AND MOST IMPORTANTLY WE ADHERE TO ALL REGULATORY REQUIREMENTS PROTECTING CUSTOMERS FROM ONGOING PATENT INFRINGEMENT CHALLENGES AND WE ALSO ADDRESS THE CYBER SECURITY REQUIREMENTS FOR THIS NEW IOT WORLD.

Compliant with DCSA IoT data standard for remote Reefer container monitoring on board a vessel



Features

- ➔ Vendor **Interoperability**: Network can connect to **any device and application**, on vessel or in cloud.
- ➔ **Reefer Owner Interoperability**: Network can connect to any device and application, regardless if owned or not.
- ➔ iVSC (Intelligent Vessel Security Control) Feature: provides the **Gate Keeper** functionality to Manage IoT Device Access to Vessel Network, addressing both **cyber security** & any patent infringement concerns.
- ➔ **Global Regulatory Compliance**: Cellular RF transmission turns radio **on/off** in accordance with country broadcasting rules. LoRa radio remains on but automatically changes to local frequency for each region around the globe.
- ➔ Zonal Location: **Recognising intermodal moves** – when a container is loaded **on/off a vessel**, without the need for TOS (Terminal Operating System) integration.
- ➔ **Bidirectional Device Communication**: Remote reefer environmental changes enabling **on vessel or land-based operations** to securely change reefer set points as needed.
- ➔ **Future Proof Roadmap**: Support for next generation Dry container Track & Trace e.g. **Net Feasa's IoTPASS**.
- ➔ Upgrade to support for **5G e.g. Augmented Reality** for applications including; Telemedicine, **equipment diagnostics** etc. when new Satcom services allow (cost wise).

Taking advantage of several disruptive and yet standards-based emerging technologies, Net Feasa is introducing a new business model that is sustainable, energy efficient and market driven, overcoming the key barriers to entry for IoT deployments in the past. This solution offers true visibility and trusted traceability across the supply chain.