REMOTE CONTAINER MANAGEMENT - RCM
RCM provides full transparency for customers, enabling a continuous monitoring of perishables carried in live Reefer Containers, from origin to final destination.
Maersk Line vessels
Send real-time data
to the RCM team in
the office

Satellite

Office
Able to monitor data from
270,000 Maersk Line
reefer containers

Terinals

Equipment Management
Repair vendors

Alarm notification
sent if problems
are encountered

VSAT equipped vessels
~270 + ~130
Vessels owned
Long-term charter vessels

The RCM solution consists of:
1
GPS Unit
2
GSM antennae
3
Wi-Fi
OPERATIONAL CAPABILITIES

- Live access to status of pull down, temperature, and off power periods on ML vessels fitted with VSAT*
- Live access to GPS location of container on ML vessels when in range
- Notifications when something isn't going as planned

Data collected: ✔️ ✔️ ✔️ ✔️ ✔️ ✔️ ✔️ ✔️
Data available: ✔️ ✔️ ✔️* ✔️ ✔️* ✔️ ✔️
THE COMMERCIAL PLATFORM

Basic Tier
Access to data at no cost

Premium Tier
Upgrade for a subscription fee

Overview of all shipments of customers at container level with journey assessment parameters will be displayed.
- Option to export to excel.

Temperature graph would be displayed and additional option to view CO2, CO2 and Ambient temperature graph will be available.

Option to view container position on Map. Additionally user would have option to view route.

Journey assessment will be done for containers based on standard thresholds. The same information will be displayed on shipment overview and on container details page.

User would have the option to subscribe for notification emails.
- A consolidated list of alerts will be sent daily.

Download datalog

Option to download datalog for full journey will be available.
Click on ‘show route’ to see the containers full journey

Origin, Destination, and transhipment ports will be marked with balloons
CHECKLIST

1. Pull down
   - Pre-cooled Cargo
     Cargo is loaded into the container at or close to the set-point temperature. Temperature in range within a few hours.
   - Hot stuffed Cargo
     Cargo is loaded at a temperature between +5°C and +10°C higher than the set-point temperature. Temperature in range within maximum 4-5 days.
   - Ambient Stuffed Cargo
     Cargo stuffed at ambient temperature. Temperature in range after within a few days

2. Temperature during the Voyage
   - Temperature Deviations
     After the pull down period, the temperature is expected to regulate around the set point, no matter if we are dealing with chilled or frozen cargo.

3. Off Power Periods
   - Long Off-Power Periods
JOURNEY VIEW ANALYSIS
THANK YOU