IQAX
Focus

When transporting goods with reefers internationally, ensuring that the quality of your cargo is maintained throughout its journey can be challenging. The physical operating condition of the reefer, potential delays or disruption due to any reasons that can lengthen the supply chain journey etc. all put shippers time and temperature sensitive cargo at risk.

To check cargo status, you can subscribe to a reefer container monitoring service from carriers and look up reefer containers individually through multiple carriers' websites.

However, it is not always cost effective as it depends on the carrier's tracking capabilities and availabilities and in most cases a carrier's tracking service does not support multiple drops or cargo level tracking.

Shippers may put a device inside the container and get the data after the trip but no real-time corrective action can be executed to respond to disruptions. Another alternative is to subscribe to services from real time sensor providers but as the container information, listed in siloed, is not linked with shipment milestones and schedules, it is cumbersome and time consuming to determine each cargo's condition.

There is no easy way to have complete awareness over your tens or hundreds of shipments. Nor is it possible to plan or communicate in advance if any incidents occur.

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Intelligent Real-Time Transportation Visibility Platform to Elevate Your Reefer Cargo Tracking and Monitoring

IQAX offers the IoT Cold Chain Management Cargo Owner Pack, Focus which is an A.I. and Machine Learning enabled cloud-based service that provides real-time visibility tracking and condition-based monitoring on all your containerized refrigerated cargo through one convenient platform.

IQAX analyzes and harmonizes data captured from multiple sources including sensors, IoT devices etc. Through integration with big data and applying A.I. and Machine Learning, it can provide intelligent and timely cost saving alerts. We enable reefer cargo shippers to gain real-time visibility on precise reefer container conditions and locations and alerting them only when there is a true potential impact. This helps them to improve operations and better communicate with customers.

SCAN QR CODE TO REQUEST DEMO AT ENGAGEMENT@IQAX.COM

Cargo Status and Condition Situation Awareness

- We support End-to-End visibility spanning the overall reefer transport – Land & sea, from door to door
  - Real-time location visibility over land and sea
  - Proactive notification upon arrival and departure of your zones of interest
  - Continue to provide next stop point ETA all the way through to final destination
- Cargo Condition
  - Monitor cargo integrity with alerts for temperature, set point, O2/CO2, humidity, in-out zones, shock and open doors
  - Identify relevant operating alerts that may impact your cargo condition
  - Eliminate false alarms and receive alerts on potential disruptions with A.I. predictive reasoning
  - Identify potential hot cargo which causes reefer slow / fail to pull-down
- Cargo Security & Compliance
  - Generate temperature compliance (e.g., USDA) report anytime and anywhere
  - Provide critical information regarding container location, handover, custody etc. on disruption and cargo claims
  - Audit and monitor the fulfillment of container routing compliance
  - Verify the consignment is legitimate and does not pose a security risk, both from the operation and border security perspectives

Door to Door Visibility	Predictive Analytics	Automate Execution Workflow
• Predictive ETA • Road & Ocean, door to door • Key analytics capability	• Extend Modes • Extend Regions	• Prescriptive Insights • Automated workflows and decision making

In addition, the solution comes with APIs so that you may integrate cargo conditions and updates with your internal systems.

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01 Viewing the status of your reefer cargo from a single platform to save time looking up and analyzing shipment updates

02 Getting benefits from implementing real-time transportation visibility capabilities with a cloud-based service deployments without high upfront costs

03 Receiving intelligent alerts based on historical and contextual data, allowing you to be notified and take immediate action when your cargoes conditions change beyond key thresholds

04 Integrated shipment, sailing schedule, and terminal data with your reefer device providers information to see the context surrounding cargo updates

Increase Visibility to Cargo Status

- Monitor cargo integrity with alerts for temperature, set point, O_2/CO_2, humidity, in-out zones, and open doors
- Gain detailed visibility to reefer container conditions over land and sea
- Maintain reefer and cargo records for compliance

Optimize Logistics Operations

- Save time looking up the conditions and locations of your reefer cargo from multiple carriers and device vendors through one platform
- Leverage AI-based alerts for cargo deviations to focus resources on cargo that needs attention
- Improve cargo loading and empty return planning with better container predictions

Improve Customer Satisfaction

- Look up container conditions on demand and save a log of records for increased accountability
- Catch deviations in temperature and power early to take action to maintain cargo value
- Reduce time spent searching for shipment status to speed up customer response times

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