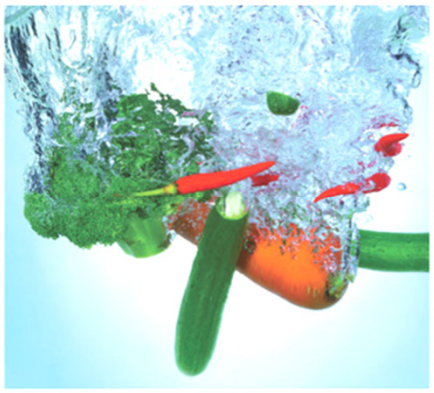
OOCL
We take it personally

Port of Koper Coolworkshop
OOCL



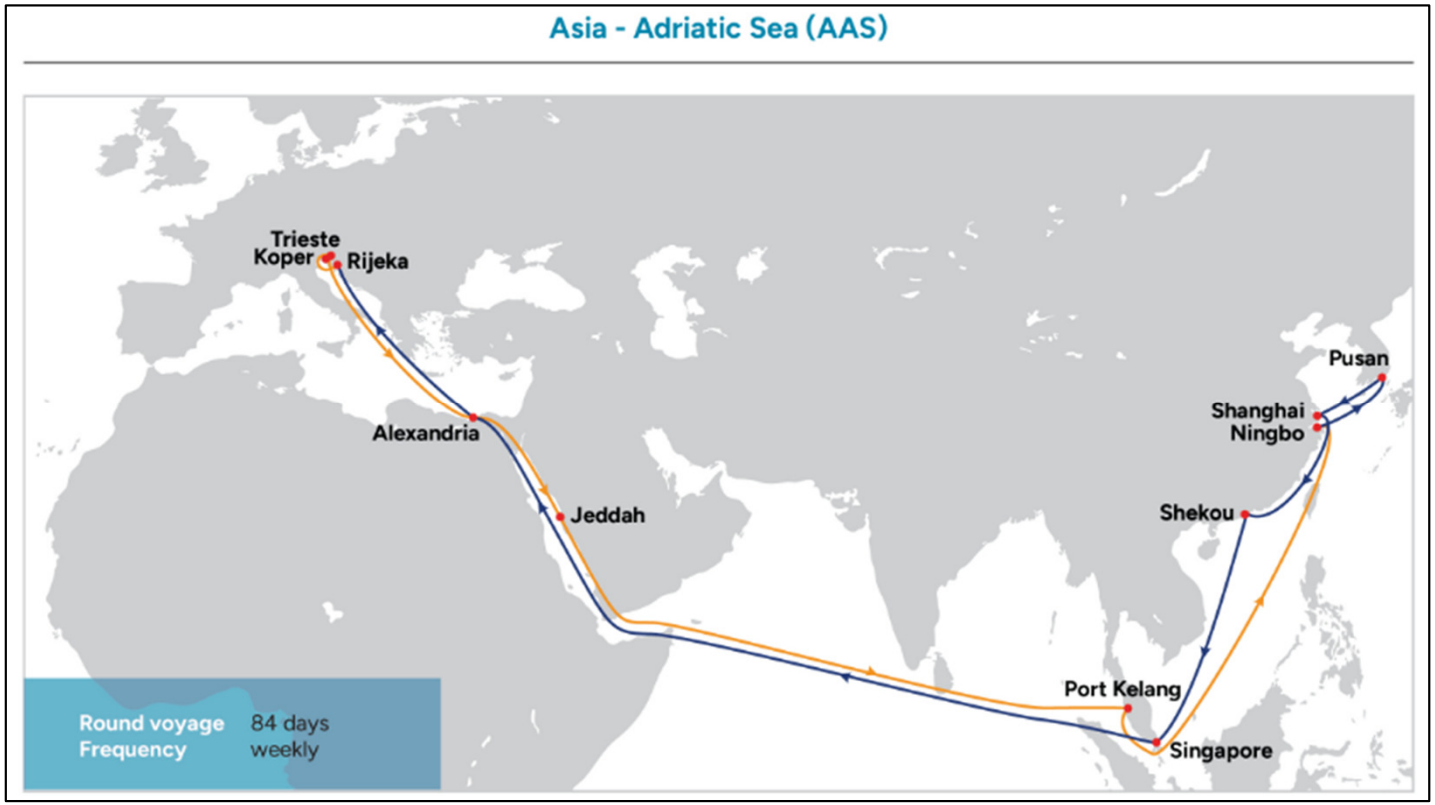




Content

- ❑ OOCL Maritime Services - Koper
- ❑ OOCL Reefer Services - Perishables
- ❑ MyOOCLReefer (MOR)
- ❑ FreightSmart

OOCL Maritime Services - Koper



AAS Service – East Bound	Transit time from Koper (Days)
Rijeka	
Koper	
Trieste	
Alexandria	
Jeddah	12
Port Klang	26
Ningbo	35
Pusan	37
Shanghai	42
Shekou	46
Singapore	52

- Weekly calls to **Koper**.
- East Bound direct calls to Jeddah, **Port Klang**, and Ningbo.
- West Bound direct calls to **Pusan**, Shanghai, Shekou, and Singapore.
- Direct call to **Port Klang**. OOCL excels in Asian coverage. Especially in China, we have one-stop barge and feeder services connecting coastal China to various inland ports.

OOCL Reefer Services - Perishables

We take it personally

Controlled Atmosphere (CA)



CA containers controls atmospheric composition, by removing CO_2 & O_2 internally, whilst adding N_2 gases to pro-long product shelf life.

Ultra-Cool Magnum reefer



OOCL Magnum reefers are capable in ultra-low temperature technology, able to maintain temp as low as minus 35°C, the most ideal solution for shipping frozen delicate commodities.

Dehumidification



OOCL reefer units are capable on reducing relative humidity to a range between 60 – 95%, when at 0 - 25°C. Removing excess moisture to prevent goods spoiled.

Cold Treatment



Cold Treatment specialists have professional knowledge in every special post-harvest handling of perishables, to help you meet every local quarantine requirement.

Cold Chain Logistics



Your perishables is delivered quickly, reliably, safely and traceably. Our cold chain starts from assisting customs clearance to refrigerated trucking, cold storage warehousing, direct-store delivery, etc.



MyOOCLReefer (MOR)

We take it personally

- **End to end tracking** of container temperature, relative humidity, O_2/CO_2 readings, box location, USDA 1/2/3 and RF Machinery Power Status.
  - Custom alert settings for specific monitoring needs.
  - Full end-to-end shipment data download.



- **Enhanced cargo care and planning** during shipment, with container's real-time location (land & sea).



- **Anytime, anywhere data access** via My OOCL Center.



- **Predictions & actionable insights** by using artificial intelligence.



- **Comprehensive dedicated support team** taking all your enquiries on hotline, email and online chat, available 24/7.
- MyOOCLReefer (MOR) is **powered by IQAX.**

FreightSmart













FreightSmart

We take it personally

- **FreightSmart** – a digital booking platform which provides instant quoting, booking, and shipment arrangement together in a simple, streamlined workflow.
  - **E-Spot** & **E-Quote** booking channels.



- **Reliable service** - FreightSmart ensures dependable service and responsive customer support.



- **Transparent Rates** - Access instant, comprehensive rates with detailed breakdowns of surcharges and free time, including locked-in rates and space commitments for E-Spot.



- **End-to-End Visibility** - Control Tower keeps you well-informed with a bird's-eye view of your bookings and their status.



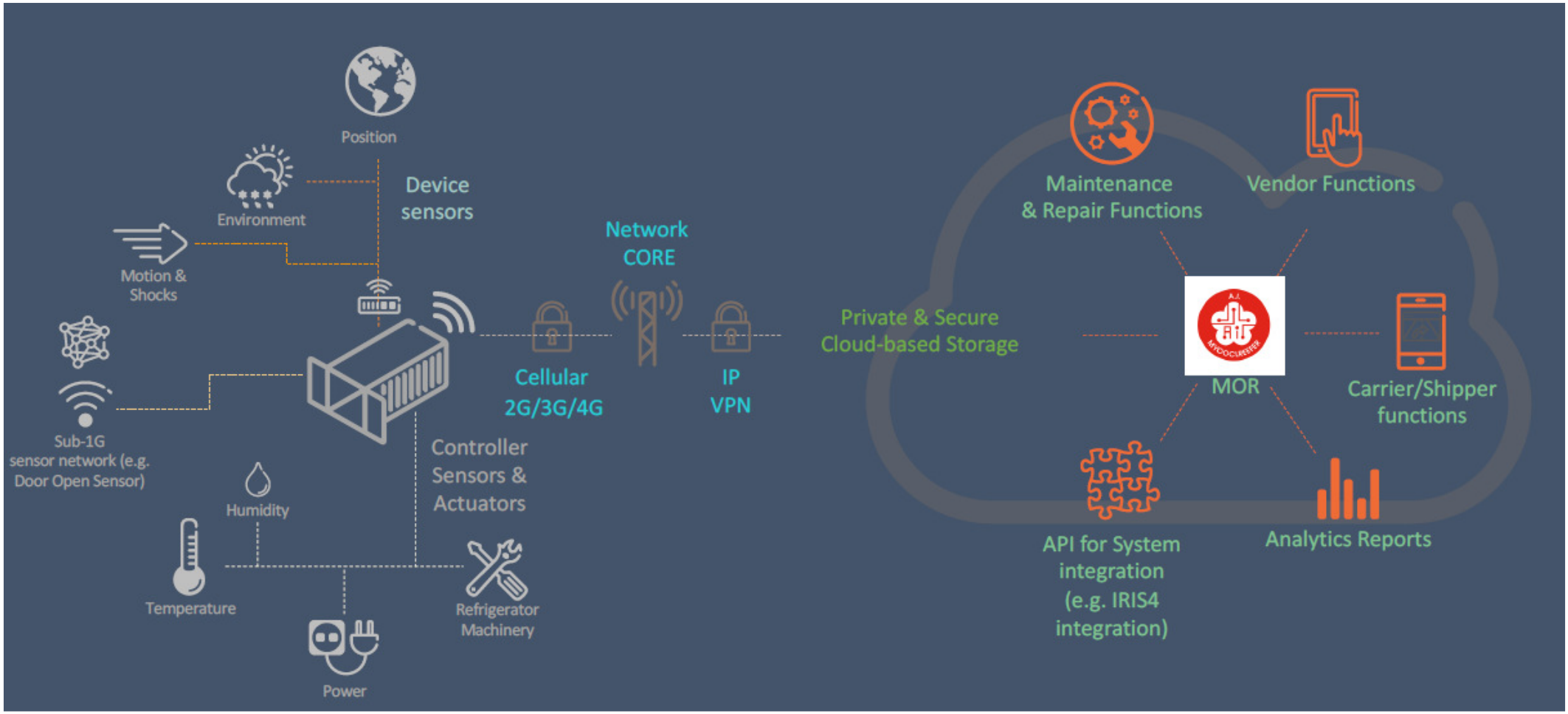
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Questions?

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Thank You!

Technical Principles



A.I. MYOOCLREEFER

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Web Portal

Mobile App

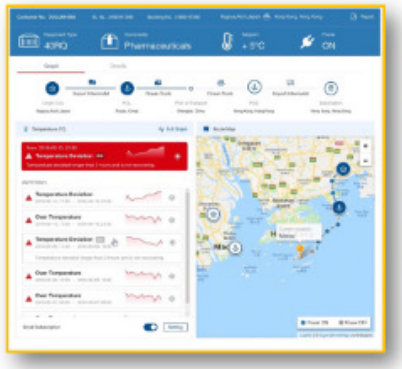
Data Collector - IoT devices





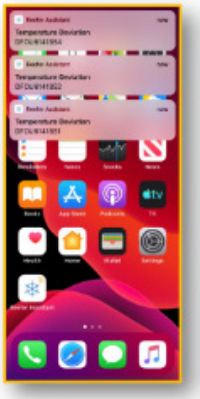


Reefer Container IoT device co-developed by IQAX and BOXPLUS



Shipper Dashboard

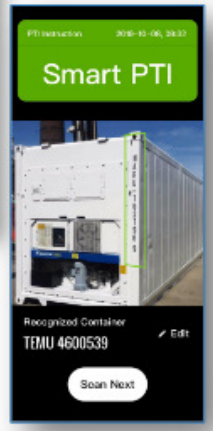
- Reefer Visibility
- Location Visibility
- Smart Alert
- Audit Trails
- Shipment Integration





Reefer Assistant Mobile Application

- Reefer Visibility
- Smart Alert



Data Analytics Views

Real time container status



Container position history





Container lead time analysis



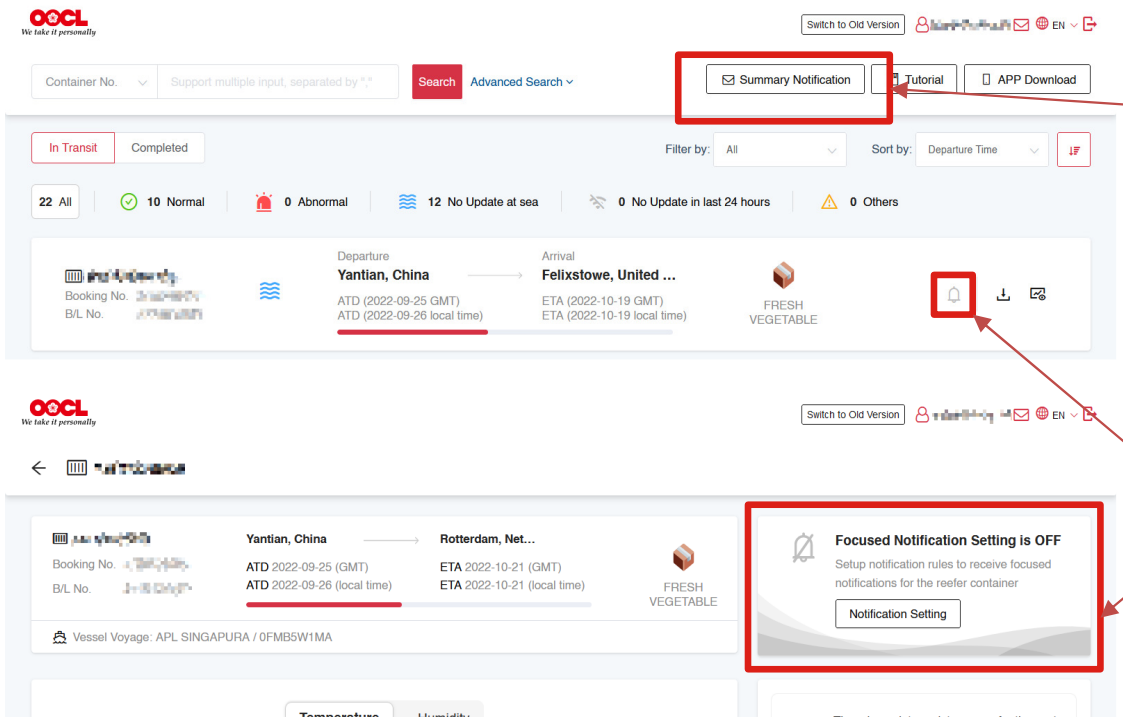
Distribution analysis





Push Notification

Push notification is supporting user level or container level. User can define different subscription for the important cargo

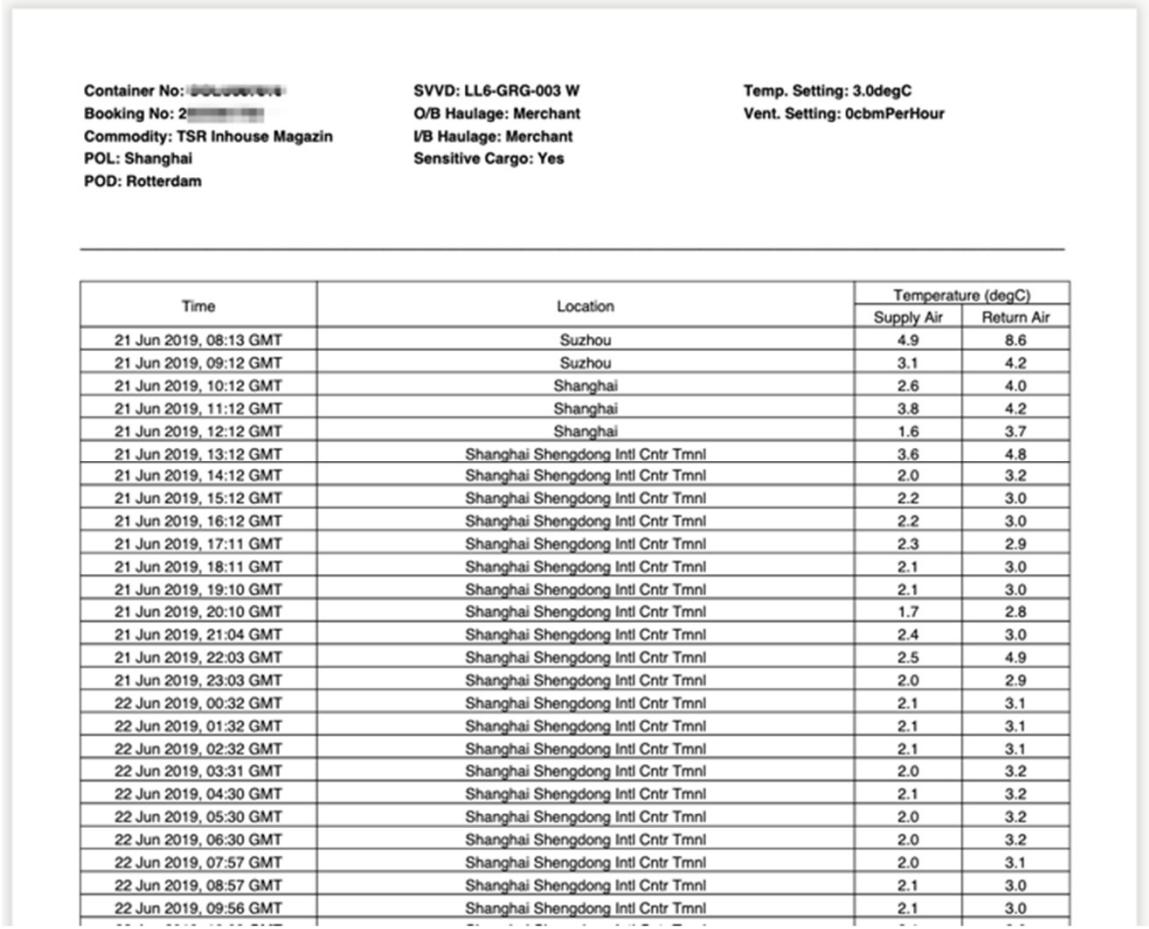


User level notification setup

Specific container notification setup

Report Download

MOR user can can download full container data report in pdf format to support their documentation process.



Container No: [redacted]
Booking No: 2[redacted]
Commodity: TSR Inhouse Magazin
POL: Shanghai
POD: Rotterdam

SVVD: LL6-GRG-003 W
O/B Haulage: Merchant
I/B Haulage: Merchant
Sensitive Cargo: Yes

Temp. Setting: 3.0degC
Vent. Setting: 0cbmPerHour

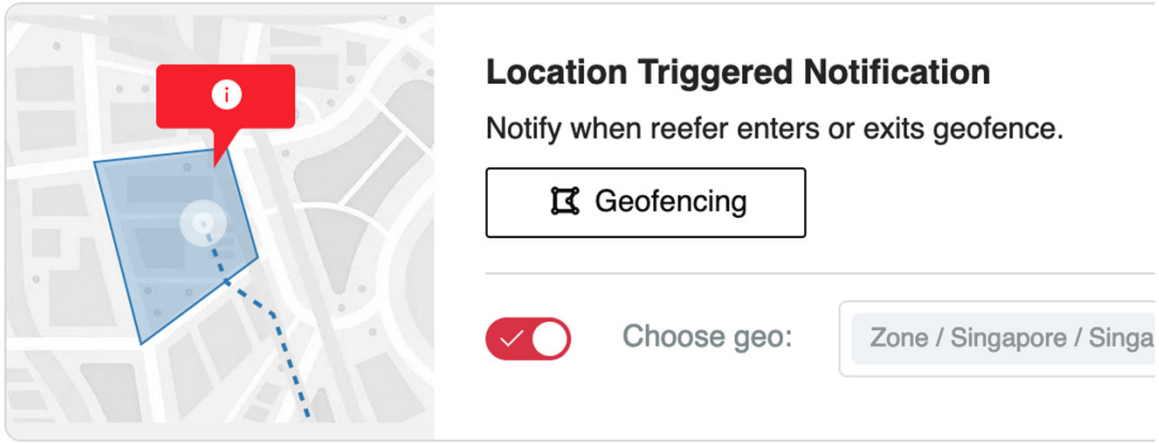
Time	Location	Temperature (degC)	
		Supply Air	Return Air
21 Jun 2019, 08:13 GMT	Suzhou	4.9	8.6
21 Jun 2019, 09:12 GMT	Suzhou	3.1	4.2
21 Jun 2019, 10:12 GMT	Shanghai	2.6	4.0
21 Jun 2019, 11:12 GMT	Shanghai	3.8	4.2
21 Jun 2019, 12:12 GMT	Shanghai	1.6	3.7
21 Jun 2019, 13:12 GMT	Shanghai Shengdong Intl Cntr Tmnl	3.6	4.8
21 Jun 2019, 14:12 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.0	3.2
21 Jun 2019, 15:12 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.2	3.0
21 Jun 2019, 16:12 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.2	3.0
21 Jun 2019, 17:11 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.3	2.9
21 Jun 2019, 18:11 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.1	3.0
21 Jun 2019, 19:10 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.1	3.0
21 Jun 2019, 20:10 GMT	Shanghai Shengdong Intl Cntr Tmnl	1.7	2.8
21 Jun 2019, 21:04 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.4	3.0
21 Jun 2019, 22:03 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.5	4.9
21 Jun 2019, 23:03 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.0	2.9
22 Jun 2019, 00:32 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.1	3.1
22 Jun 2019, 01:32 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.1	3.1
22 Jun 2019, 02:32 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.1	3.1
22 Jun 2019, 03:31 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.0	3.2
22 Jun 2019, 04:30 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.1	3.2
22 Jun 2019, 05:30 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.0	3.2
22 Jun 2019, 06:30 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.0	3.2
22 Jun 2019, 07:57 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.0	3.1
22 Jun 2019, 08:57 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.1	3.0
22 Jun 2019, 09:56 GMT	Shanghai Shengdong Intl Cntr Tmnl	2.1	3.0

*Data Scope

- First signal of shipment – First signal after empty pickup container event
- Last signal of shipment – Last signal before empty return container event

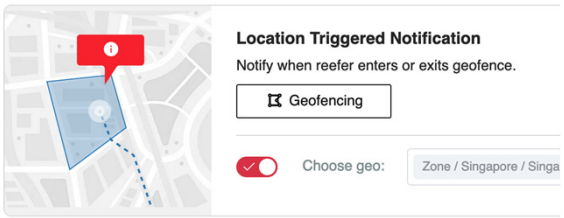
Location Triggered Notification

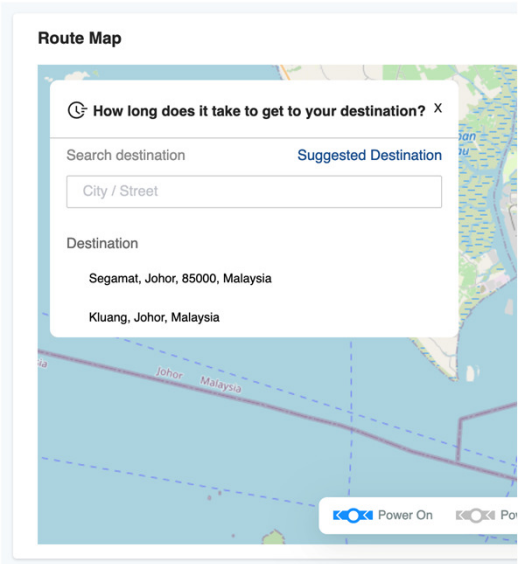
User can define the zone of interest like the destination warehouse. System will keep monitor the location of the container. It will send a push notification to user when it enters or exits the pre-defined geofence. It enables you to plan the downstream operation.

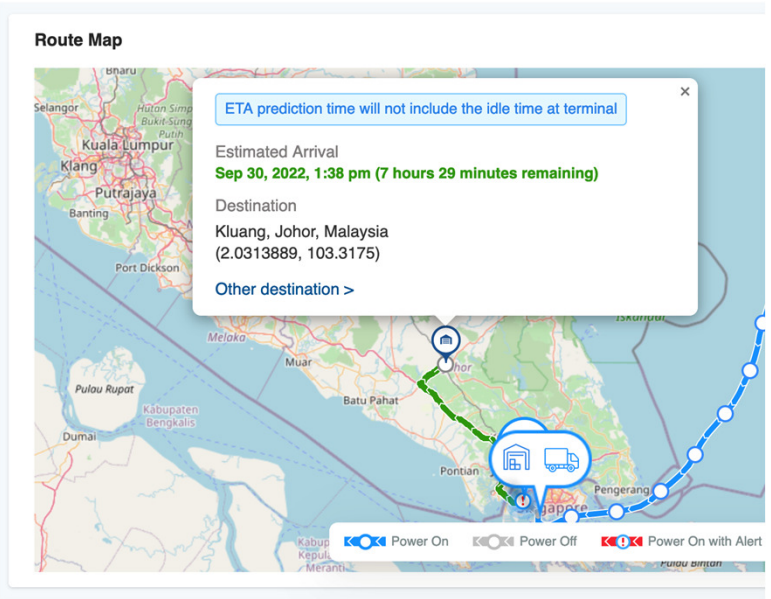


Inland ETA Prediction

To support the just-in-time business decision, especially for the customer who is shipping time sensitive cargo, MOR leverage AI to provide the predicted door arrival time. MOR user can do a better downstream stock planning or human resource planning.







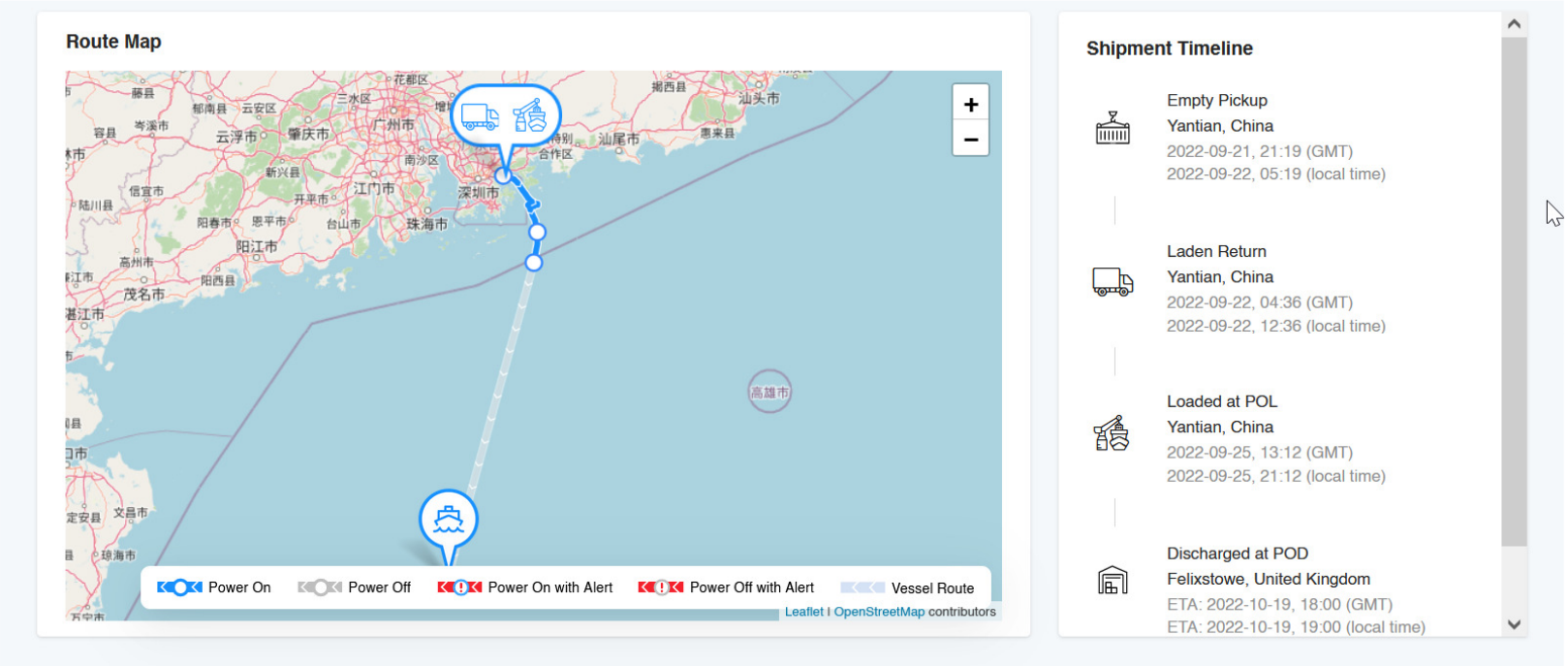
Location Triggered Notification
to receive push notification when entered geo zone, like POD facility

Inland ETA prediction
Supports after your cargo being discharged

Inland ETA prediction
Unlike other products, out AI model designed for container truck transportation.

Shipment Timeline

Shipment timeline is constructed by the key shipment milestones in ascending order



MOR Access Control

- User can see all MOR shipments when he is one of the shipment parties, including booking party, shipper, consignee, notify party, forwarder or cargo control party.
- Information control is at company level. All users under the same company ID will have the same view.
- The data scope of the MOR shipment is from empty pickup to returned /cargo devanned. Customer will not be able to access the IoT data once the reefer released to the next booking.
- User can view detail of their completed shipments within one month

Support

For inquiries or other information on MyOOCLReefer, please contact our customer services team:

- MyOOCLReefer Support: myooclreefer@oocl.com
- Online Chat: http://www.oocl.com/eng/Pages/default.aspx
- Local Customer Service team in your country: http://www.oocl.com/eng/officedirectory/Pages/default1.aspx