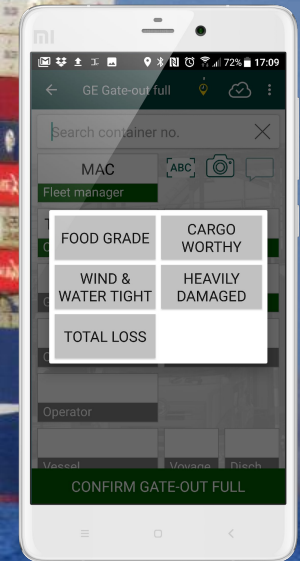
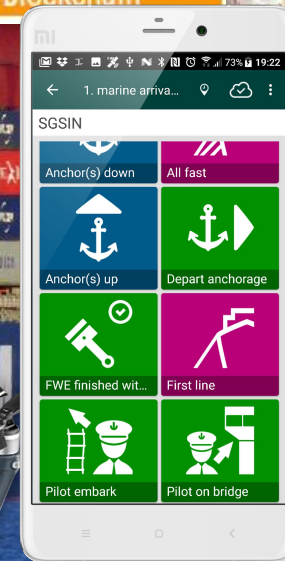
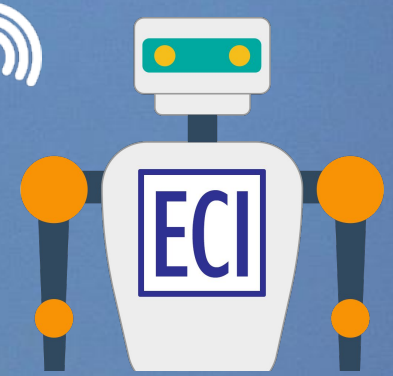


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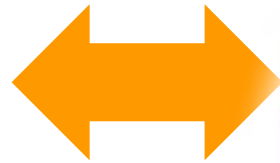
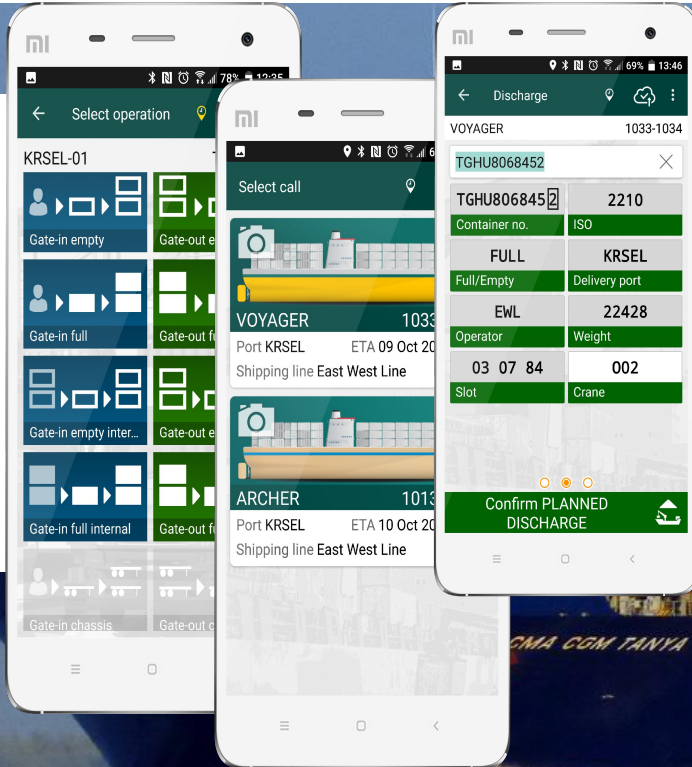
Cargo Tallying on Smartphones

Ports with Low Tech Infrastructure Investment

- Containers
- Breakbulk
- Ro-Ro

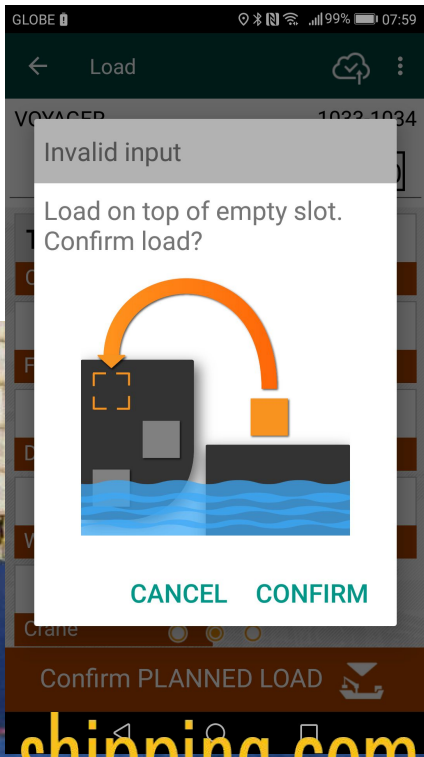
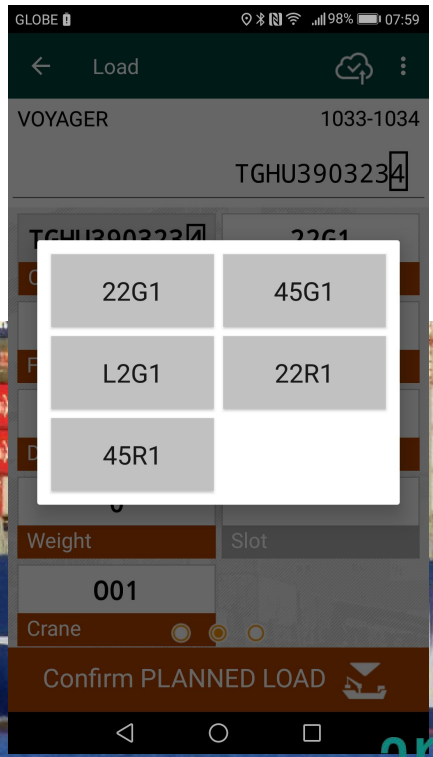
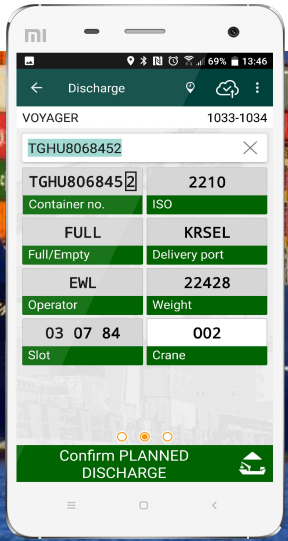
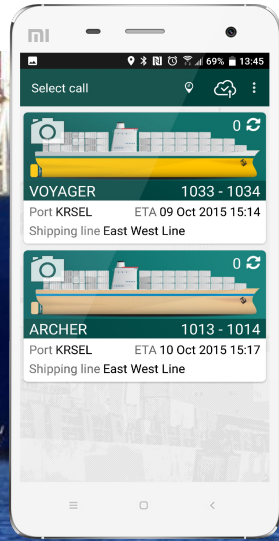


Smartphone and Cloud



Containers @Quay Side

- Discharge, load, shift
- Type (and mis-type)
- Select from speed dial
- Receive line plans
- Handling logic



Sync and Cloud Reporting

Milestone report for Los Angeles Any vessel, generated at 17 Jan 2019 02:42 UTC (page 1 of 1)

DELIVER FULL IMPORT CON

IMPORT

Site	Los Angeles	Cluster	
Vessel	Any vessel	Real-time logging	
Activity time	16 Jan 2019 18:39 (-08:00)	Comment	
Logged time	16 Jan 2019 18:39 (-08:00)		

Container no	MTBU2025893	Clean	MINOR DIRTY
Shipment ID	Packing List No. 219618043-1 SSOO90406718	Damage	NO

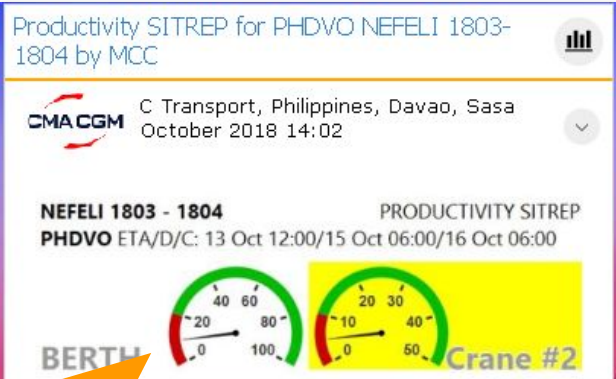
Location: 14°36'36.57"N 121°12'16.4"E (14.6101264, 121.0378866)

Photo: 16 Jan 2019 18:38 (-08:00) - 15 mins wait at warehouse gate; 16 Jan 2019 18:39 (-08:00)

```
File Edit Format View Help
}UNB+UNOA:2+PHMNL325234+MAGEDI+20170315:0930+GE0000350001'
UNH+GE0000350001+CODECO:D:95B:UN:ITG14+GE0000350001'
BGM+36+1+9'
TDT+20+ 1710+1++MAG:172:184+++146::LC Gensan'
NAD+CF+MAGEDI:172:20'
EQD+CN+LSCU123+4510:102:5+2++4'
RFF+BN:00001'
DTM+7:201703150527:203'
LOC+165+PHMNL:139:6+PHMNL:TER:ZZZ'
TDT+1++3+31+RSI2:172:20'
NAD+CF+LOR:172:20'
CNT+16:1'
UNT+12+GE0000350001'
UNZ+1+GE0000350001'
```

- Excel extracts
- PDF/reports, shift progress report to line agent
- Final and interim BAPLIE bayplan
- and: Move EDI to shipping line (COARRI)

SITREPs and TDRs



Productivity; yellow is long crane



SITREP; moves-to-go and ETC



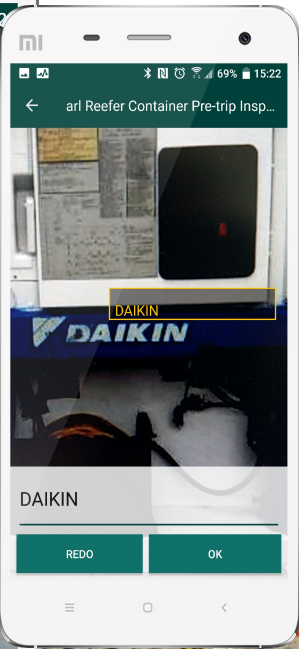
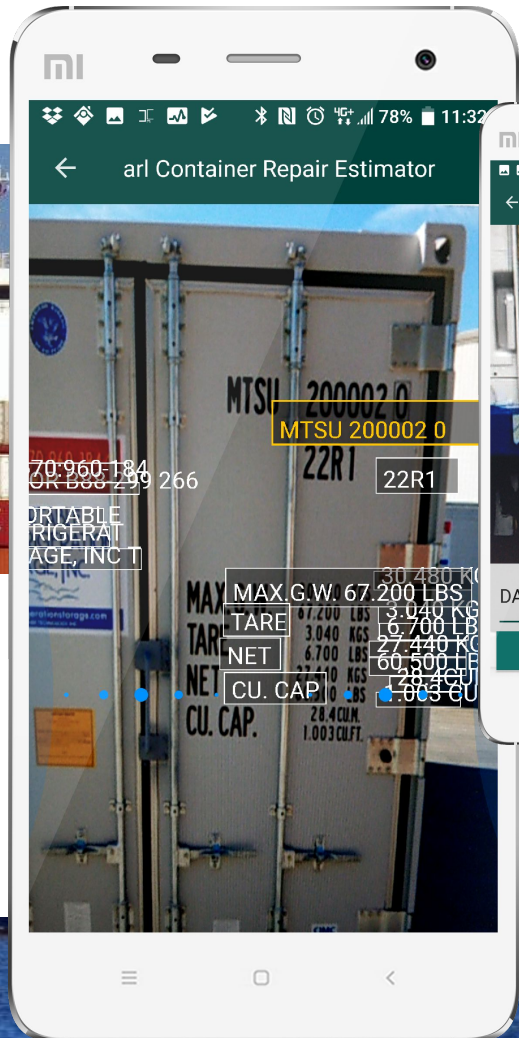
- Handling SITREP
- Productivity SITREP
- ETC projection
- Call TDR

Online, email, Messenger

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- Container number
- Seals
- Truck license plate
- ... more



Photo

- Container damages at interchange
- Sound condition



Equipment interchange receipt, PONU2007000, KRSEL-01
Originator: EDM East Depot Masters
Date: 20 July 2018 08:01
App: Gate Executor
Type: HTML page
Content: Equipment interchange receipt

Equipment interchange receipt for: Depot: KRSEL-01, FleetManager: OOCL, Carrier: EAST HAULAGE, Customer: PEPSI

EQUIPMENT INTERCHANGE RECEIPT (EIR) GATE-IN EMPTY

Depot	KRSEL-01
Fleet manager	OOCL
Date/time	20 July 2018 15:56 (+08:00)

Container number	PONU2007000
ISO code	22R1
Operator	OCL
Grade	Food grade
Clean	Yes

Transport order	864477435
Customer	PEPSI
Carrier	EAST HAULAGE
Transport id	TH765
Comment	

Location

 [54°59'26.2"N 82°54'8.1"E](#)
[\(54.9906212, 82.9022496\)](#)



Photo



20 July 2018
15:56 (+08:00)
photo



GPS



- Location tag
- UTC (converted to local time)

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Port for the Port

31.0433942, 29.7845193

31°02'36.2"N 29°47'04.3"E
31.043394, 29.784519

Directions

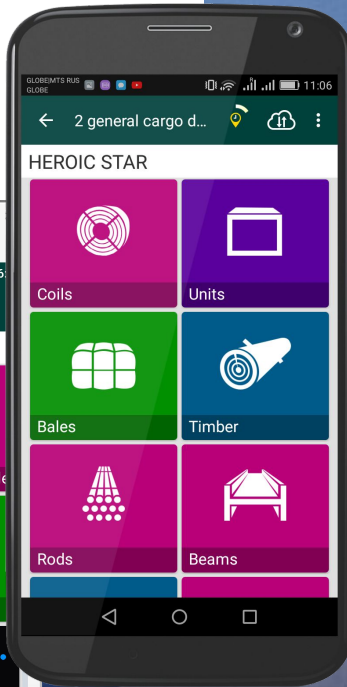
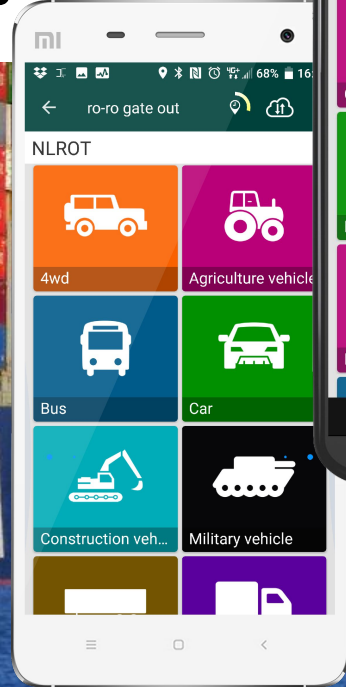
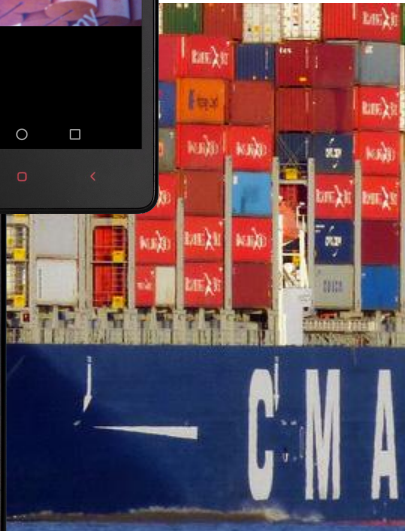
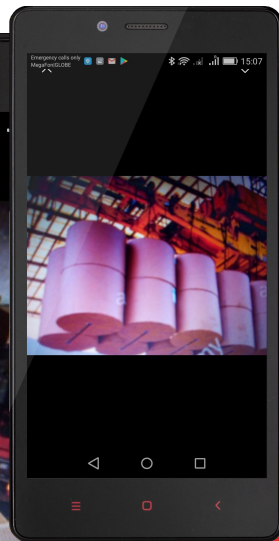
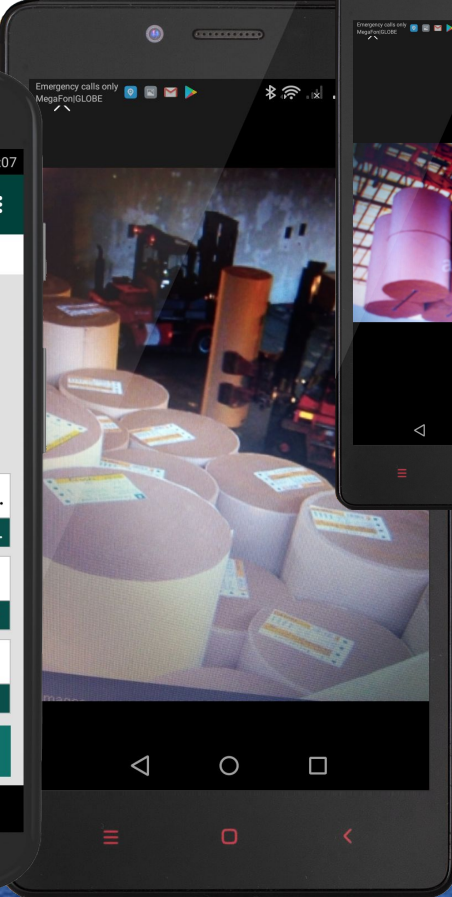
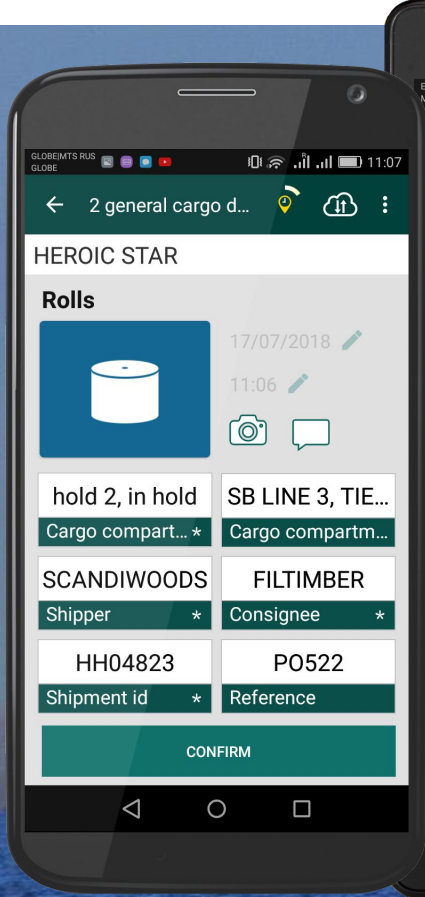
SAVE NEARBY SEND TO YOUR PHONE SHARE

Unnamed Road, Zawya Abd El-Qader, Qesm Al Amerevah, Alexandria Governorate, Egypt

Next ...	Tare ...			EIR
Sadat				
اسكندريه	4600			

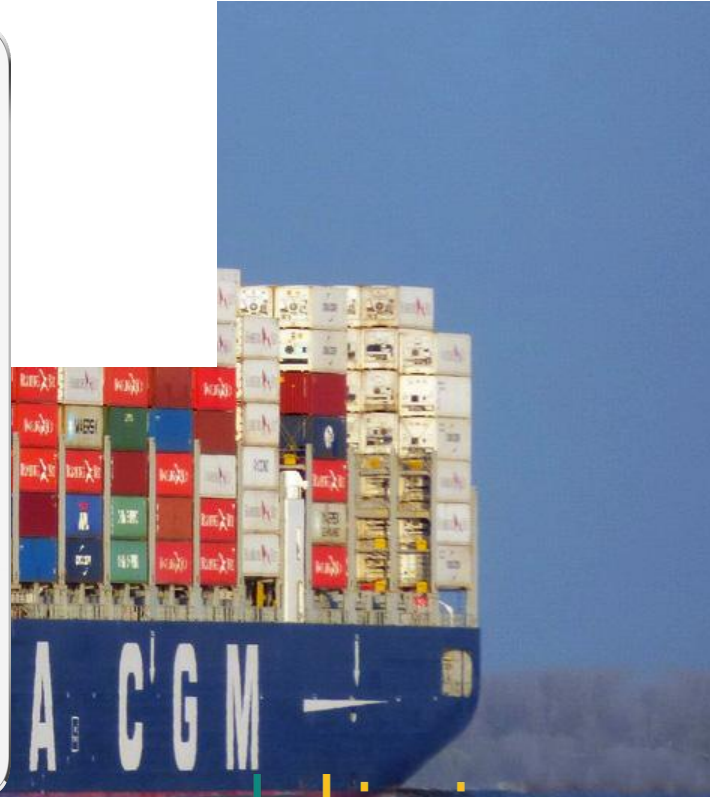
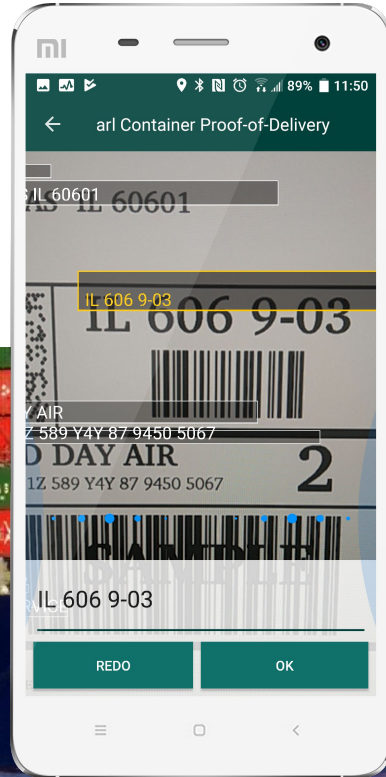
Breakbulk, Ro-Ro

- General cargo
- Breakbulk
- PCC
- Ferry/ trailer



More Sensors coming in Play..

- Barcode scanner
- VIN number scanner
- Microphone
- Motion sensors
- RFID



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Container General Cargo Reefer Project Ro-Ro Dry Bulk Tank Contact

Berthing Planner	QUAY	Marine Bunker Surveyor	ONBOARD QUAY SOON
Charter Timesheet Logger	ONBOARD QUAY UPG	Marine Logger	QUAY ONBOARD
Condition Recorder	YARD CARGO SOON	On-Hire Surveyor	ONBOARD QUAY SOON
Container Consol	YARD CARGO SOON	On-demand Truck IoT	GATE YARD QUAY NEW
Cargo Delay Logger	QUAY ONBOARD	Pre-Load Surveyor	ONBOARD QUAY SOON
	SOON	Pre-Ship Cargo Surveyor	GATE YARD QUAY CARGO SOON
	SOON	Proof-of-Delivery	CARGO INTERMODAL SOON
	SOON	Quay Tally	QUAY ONBOARD CARGO UPG
	UPG	Steel Condition Recorder	GATE YARD QUAY CARGO SOON
	NEW	Steel Flatbed Lasher	GATE YARD CARGO SOON
	SOON	Steel Onboard Monitor	ONBOARD CARGO SOON
	SOON	Steel Tally	GATE YARD QUAY CARGO SOON
	NEW	Steel Vessel Lasher	ONBOARD QUAY CARGO SOON
	NEW	Warehouse Tally	YARD CARGO UPG
	NEW		YARD CARGO UPG



Try for free the new Breakbulk Logger!

- Beginning 2018: ~ 10
- Beginning 2019: >50
- End 2019: >150 (projected)

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Container General Cargo Reefer Project Ro-Ro Dry Bulk Tank Contact

Berthing Planner	QUAY	Marine Logger	QUAY ONBOARD
Cargo Lashing Recorder	YARD CARGO NEW	On-demand Vehicle IoT	GATE YARD SOON
Condition Recorder	GATE YARD QUAY ONBOARD CARGO NEW	On-Hire Surveyor	QUAY ONBOARD SOON
Decks & Int-Ramps Inspector	QUAY ONBOARD SOON	Proof-of-Delivery	CARGO INTERMODAL SOON
Gate Tally	GATE CARGO NEW	Quay Tally	QUAY ONBOARD CARGO NEW
Handling Ramps Inspector	QUAY ONBOARD SOON	Roll-Trailer Breakbulk Lasher	YARD CARGO NEW
Lashing Recorder	CARGO QUAY ONBOARD SOON	Timesheet	QUAY PORT ONBOARD UPG
Last Mile CC-Trailer Tracker	INTERMODAL GATE CARGO SOON	Trailer Repair Estimator	YARD NEW
Last Mile Trailer Tracker	CARGO INTERMODAL SOON	Vehicle Pre-Delivery Inspector	YARD CARGO NEW
Marine Bunker Surveyor	QUAY ONBOARD SOON	Yard Locator	YARD CARGO NEW



Explore the new Ro-Ro Quay Tally app!

