

#### PT PELINDO MARINE SERVICE

# COMPETITIVE ADVANTAGES WITH INFORMATION TECHNOLOGY IN GLOBAL MARINE INDUSTRY

### LETS GO BEYOND MARINE

#### PT PMS Group











International & NG Marine Services

Oil & Gas Services



## LINE OF BUSINESS



Government Marine Service



Logistics Service



Port Utility & Offshore





#### Dredging & **Chanel Service**

### Ship Broking







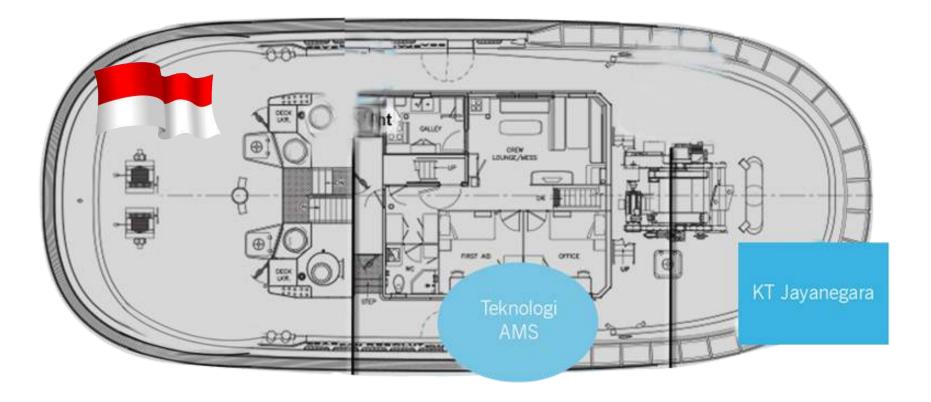
## **Competitive Advantages**





Channel maintenance and dredging services

## **Advanced Tug Boats**



15 unit 4800 HP -> 2 unit 3600 HP. -> 4 unit 3000 HP. -> 6 unit 2000 HP. -> 3 unit

### advantages:

1. Better movement --> modern design 2. Operationally more efficient --> UMS notation so less crew needed to control the data



## Shipyard

- Shipyard is located in Surabaya & Semarang
- Spek:
- Length ..... 45 m.
- Width ..... 12 m.
- Depth ..... 5 m.



#### **Shipyard Facilities**

- Pump dock.
- OHC (Over Head Crane): 5 tons.
- Freshwater: 5 tons.
- Fuel Tank: 5 ton x 3.
- Workshop: 1650 square meters.
- B3 waste collection: an area of 120 square meters.
- Floating repair area : width 6.5 m, length of 84.5 m.
- Generator sets.

## International Pilotage

- Pilotage services for deep draught vessels crossing Malacca Strait
- Escort services involving authorized official (navy)







Certified deep sea pilot with full of experience and ability in nautical along with its regulations

## **Terminal LNG Supply**

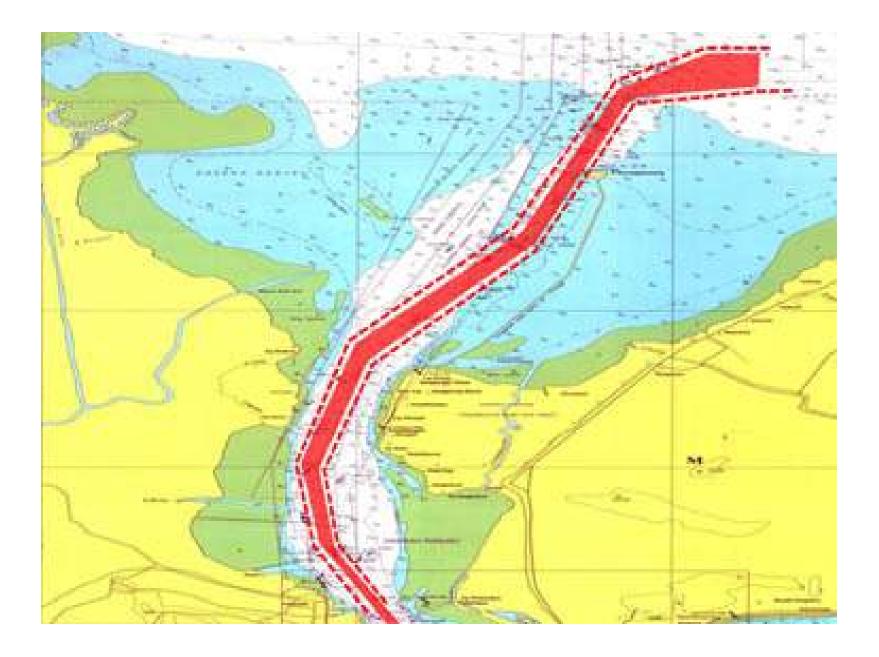


With its capacity of 40 mmscfd per day, this terminal supplies diesel and gas power plants in Pesanggaran Bali



#### This terminal uses Floating Regasification Unit dan Floating Storage Unit.

## **Channel Maintenance & Dredging**



- Surabaya West Access Channel is important as an entry access to Tanjung Perak port and Gresik port.
- The area is high in sedimentation so that it needs to be maintenanced continously • Width : 150 Meter, existing 100 Meter • Draught : -13 LWS, existing -9,5 LWS

## **Operation Supported Apps**

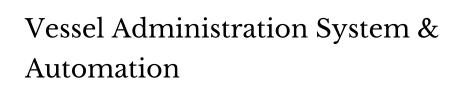
VASA





#### HomeTerminal

All port services in one place





**SPINER** 

**Container Services** 



**SPC Monitor** 

**Online & Realtime** Fuel Monitoring System



### MAROON

Online Marine Operation Monitoring



Matric'a Marine Crew Attendance





#### Non Container Services

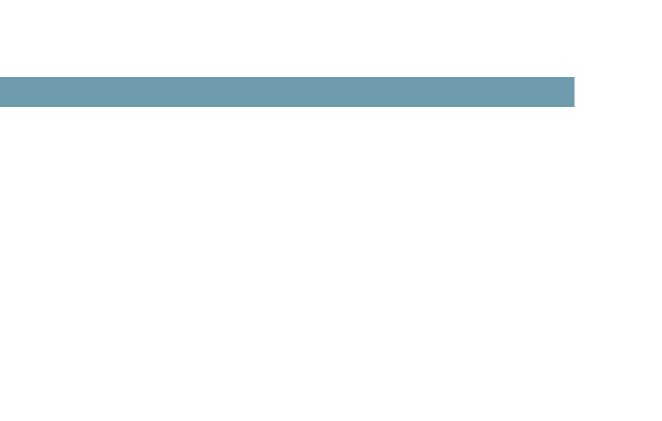




#### **MarMeet**

Marine Meeting Attendance

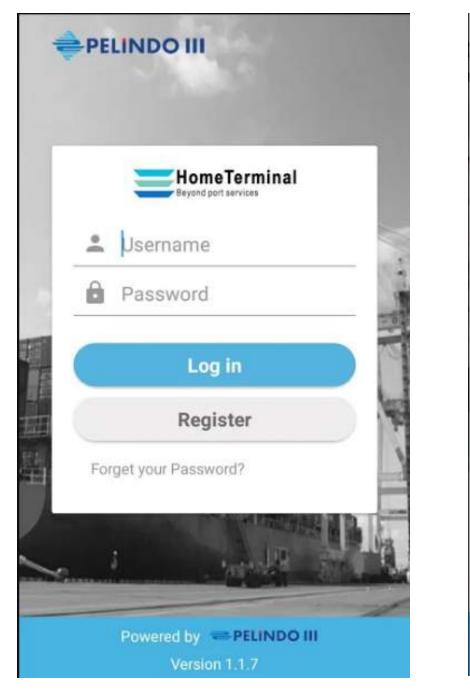
### **OUR TECHNOLOGY**

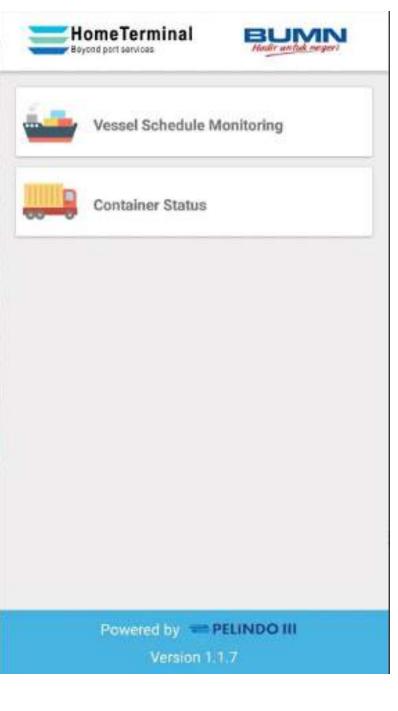


## HomeTerminal



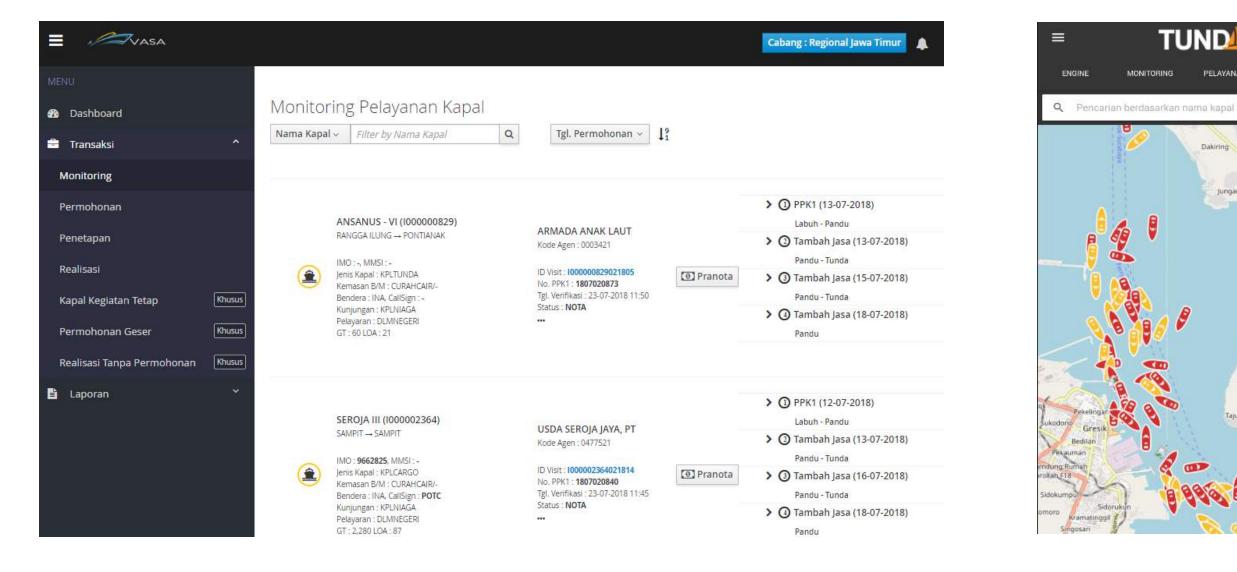
## All port services in one place









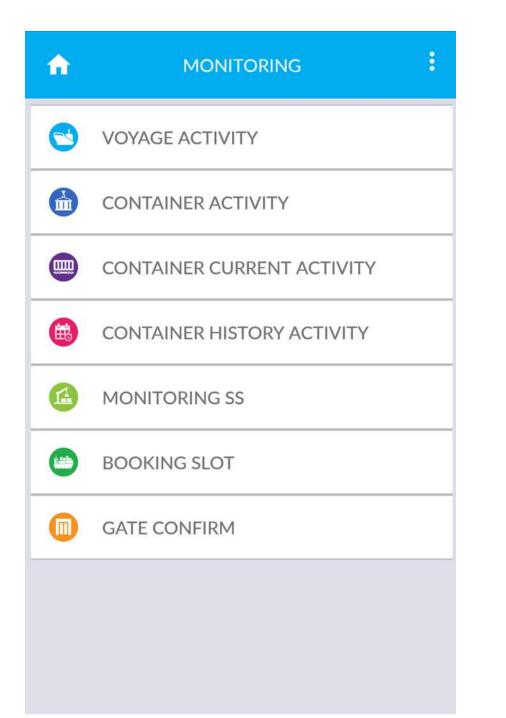


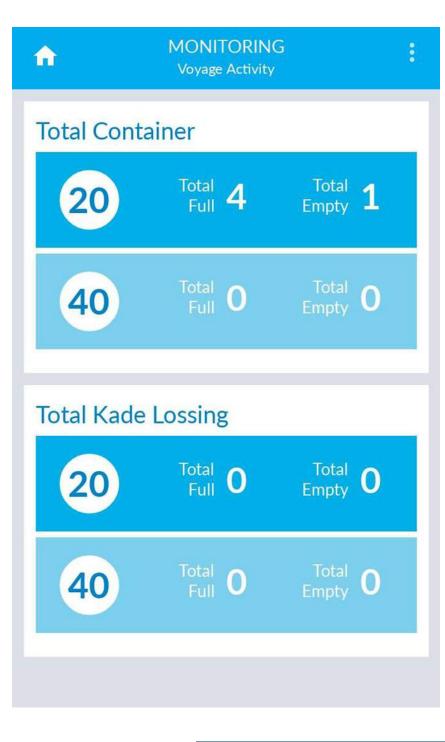






## Spiner







### Application used to manage container services

## **GEN-C**

# Application used to manage non container services such as General Cargo, Bag Cargo, Dry bulk, Bulk Liquid

#### Monitoring Balance Kapal



Info Kapal	Produktifitas Kapal
inio Kapai	Flouokuitas Kapal
No.PPKB1	013010081
Kapal	CARAKA JAYA NIAGA 3-21
LOA/GRT	0/0
Jenis Kapal	KPLCARGO
Agen	PULAU WEH PT.
Tambatan	GC INTERNASIONAL - JAMRUD UTARA
TB	19/05/2015 14:42
Estimasi BW	T (JAM) 24
Start Work	19/05/2015 14:00
PBM	PT.TERMINAL BUKIT INTAN

Enter...

		100 M					
Balance Prod		Constant Participantes (19	0 0				Balance
Palka	Jm	Jml. Plan		Real hari ini		Real s/d hari	
	Truk	MT	Truk	MT	Truk	MT	
P1 PALKA 01	20	1,000.00	00.00	00.00	00.00	00.00	-1,000.00
P2 PALKA 02	-	1,500.00	00.00	00.00	00.00	00.00	-1,500.00
	Total	2,500.00	Total	00.00	Total	00.00	



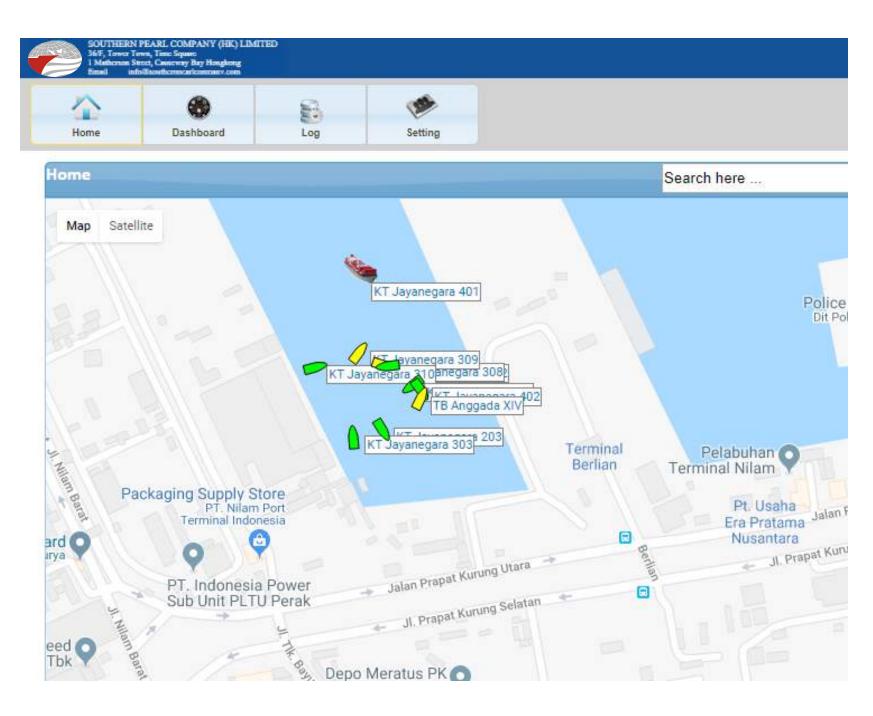
Info Kapal	Produktifitas Kapal	
No.PPKB1	046943	
Kapal	KANNON, KM	
LOA/GRT	21/388	
Jenis Kapal	KPLCARGO	
Acres .	DINA LIASDAT MUDNEDT	

Balance Produktifitas & Kinerja 💿 💿					
No.SPK	PBM				
SPMK/2000002/0515	BERLIAN JASA TERMINAL INDONESIA, F				
SPMK/2000002/0515					

	Palka	
		Tr
PT.	P2 - PALKA 02	
PT	P5 - PALKA 05	

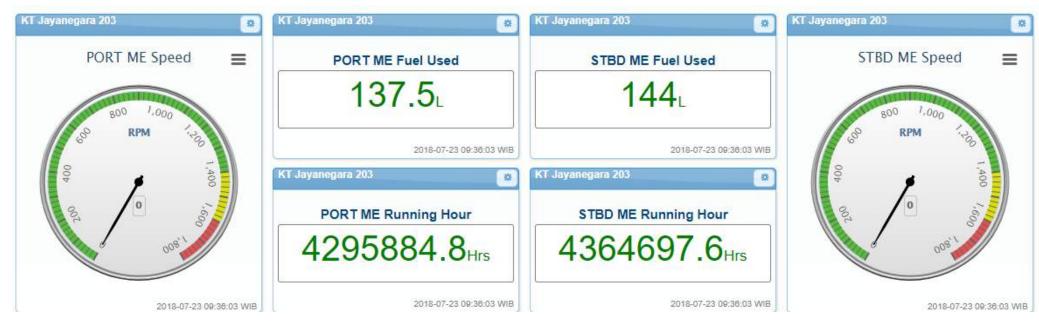
		Gate Out	×
		-	-
NO. Job Order	:	JO/000091	
NOPOL Kendr.	:	W8236LS	1
Timbangan	:	TIMBANGAN DALAM	•
Berat	:	125	
Kapal	:	GOLDEN OCEAN ,MV	FIND
Palka	:	PALKA 01 v	5
Alat B/M 1	:	PALKA 01  SHIP CRANE  PALKA 04  SHIP CRANE  PALKA 03  GRABE 58 BJTI	
		Gate In	×
NO. SPK	:	SPK/00026/2015	5
		FATIMA ,KM CK INTERNASIONAL - JAMRUD	UTARA
NOPOL Kend	lr. :	W6862LD	
Timbangan	:	DALAM	~
Berat	:	100 Ton/M	13

## **SPC Monitor**





### **Online & Realtime** Fuel Monitoring System



## MAROON

Anda login sebagai	
Nama : MULYONO	
NRP : 850310061 Tanggal Login : 2018-07-23 09:29:	
Entry LOH Kapal	Data LOH Server
Tambah Data LOH	Euat Berita Acara
kesiapan Kapal	

€ KT	JAYANE	GARA 301 J		^∕	•
		1 Juli 2018			
Jumlah Ge	erakan 10				
		4			
BBM Pakai	1,611	AIR Pakai	:2,000		
BBM Bunker	:0	AIR Isi	:17,000		
BBM Supply		AIR Sisa	:16,000		
BBM Sisa	:19,721				
		2 Juli 2018			
Jumlah G	erakan 15				
		A			
U		9			
BBM Pakai	:2,106	AIR Pakai	:2,000		
BBM Bunker	:0	AIR Isi	:0		
BBM Supply	:0	AIR Sisa	14,000		
BBM Sisa	:17,615				
		3 Juli 2018			
Jumlah Ge	erakan 10				
		A			
			0.000		
			2.000		
	1,656	AIR Pakai			
BBM Pakai BBM Bunker BBM Supply	:1,656 :0 :0	AIR Isi	:0 :12,000		

#### KT. JAYANEGARA 301 1 Juli 2018

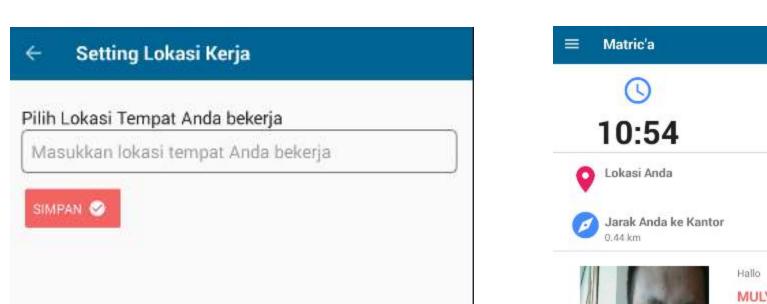
KA	PAL	YANG DILAYANI
PALAU HOKI		Kode Pandu = 188
(Container)		Dari = Jetty ke = Laul
ARMADA PERMATA		Kode Pandu = 195
(Container)		Dari = Jetty ke = Laut
ARMADA SEGARA		Kode Pandu = 169
( Container )		Dari = Jetty ke = Laut
EVER BASIS		Kode Pandu = 158
(Container)		Dari = Laut ke = Jetty
KMTC NHAVA SHEVA		Kode Pandu = 204
(Container)		Dari = Jetty ke = Laut
MENTARI CRISTAL		Kode Pandu = 144
(Container)		Dari = Jetty ke = Laut
MERATUS KUPANG		Kode Pandu = 108
(Container)		Dari = Jetty ke = Laut
PEARL ORCHID		Kode Pandu = 107
( Tanker Oil and Gas )		Dari = Laut ke = Jetty
SINAR BELAWAN		Kode Pandu = 171
( Container )		Dari = Laut ke = Jetty
WAN HAI 281		Kode Pandu = 162
(Container)		Dari = Jetty ke = Lau
	KESI	APAN KAPAL
Status		SO
Jumlah Jam SO	83	24:00
Jumlah Jam TSO		00-00

### **MAROON** Online Marine Operation Monitoring



## **Matric'a**





#### **Matric'a** Marine Crew Attendance on board





#### MULYONO

NRP : 850310061 Lokasi Kerja : Tanjung Perak

> UBAH LOKASI 06:00 ~ 08:00 16:00 ~ 22:00

Data Presens	i	Juli	2018
۲		G•	
07:31		19:28	
	3 Juli 2018		
Ð		G•	
07:29		18:11	
	4 Juli 2018		
Ð		G•	
05:39		19:27	
	5 Juli 2018		
Ð		G	
07:41		19:28	
	6 Juli 2018		
Ð		G	
06:43		19:27	
	7 Juli 2018		
۲		G•	

## MarMeet

#### MarMeet Marine Meeting



#### Marine Meeting Attendance

#### **Daftar Hadir**

Performance Review Meeting PT Pelabuhan Indonesia III Group SENIN , 23-07-2018 08:00 s/d 17:00

Print

NO	NAMA	EMAIL	PERUSAHAAN	JAM HADIR
81	AGUNG PRIANTO	atirtorejo@gmail.com	RS PHC SURABAYA	09:51
80	AFFAN NADZAR BASMALAH	affanbasmalah@yahoo.com	RS PHC SURABAYA	09:50
79	BAMBANG SUHARTO	bambang.suharto@pelindo.co.id	PELINDO 3	09:28
78	ARDELLA TRASTIANA DEWI	ardella.dewi@pelindo.co.id	PT PELABUHAN INDONESIA III (PERSERO)	08:50
77	MUKHAMMAD SYAIFULLOH	mukhammad.syaifulloh@pelindo.co.id	PELINDO III	08:17
76	HENDRA BUDIMAN	hendra.budiman@pelindo.co.id	PELINDO III REGIONAL BANYUWANGI BALI NUSRA	08:17

### Thank You