

Navigating Terminal Efficiency with Affordable Data Insights



A MORE CONNECTED SUPPLY CHAIN STARTS HERE



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AFRICA ON THE RISE



Surge in Demand for African Goods

Increased Investment on Ports & Terminals

Port Expansion & Modernization

Global Competitiveness

Digitization of Port Operations

Hinterland Connectivity & Efficiency

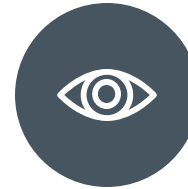


DATA – KEY PILLAR FOR DIGITALIZATION

Endless Opportunities



Process
Optimization

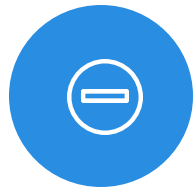


Customer
Insights

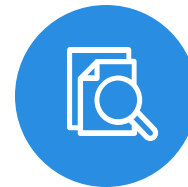


Predictive
Analysis

Challenges We Face



Limited
Resources



Perceived
Complexity



Resistance to
Change

DATA OPPORTUNITIES AT A TERMINAL



Berth & Vessel

Yard

Rail

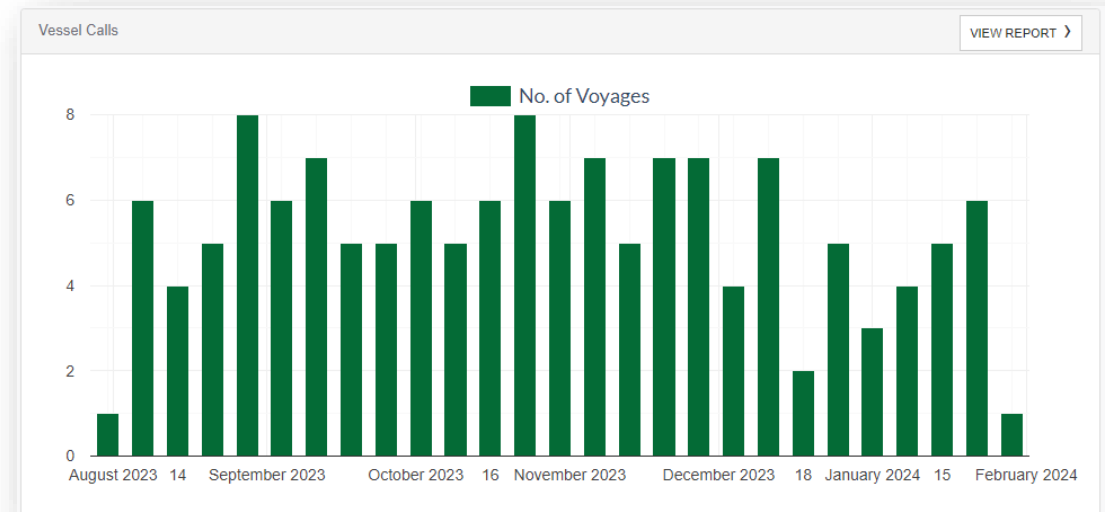
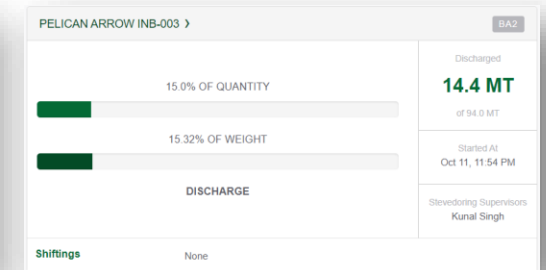
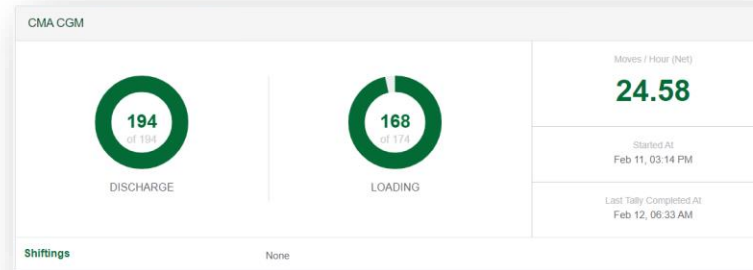
Gate





BERTH & VESSEL

- Data directly influences efficiency, safety, and productivity in waterside operations.
- Precise data regarding vessel dimensions, cargo varieties, and handling needs facilitates optimal resource management.
- Key performance indicators (KPIs) such as berth utilization, vessel productivity, and turnaround times offer valuable insights into operational efficiency.



COLLECTING DATA IS THE KEY

- Data enables informed decision-making and problem-solving. The analytics tools provides visibility on the operational performance and trend.
- Data collection methods include both automatic and manual recording processes.
- Integration is advancing, yet some data is still acquired manually in certain contexts.
- Utilizing a user-friendly mobile application enables data recording from any location with ease.

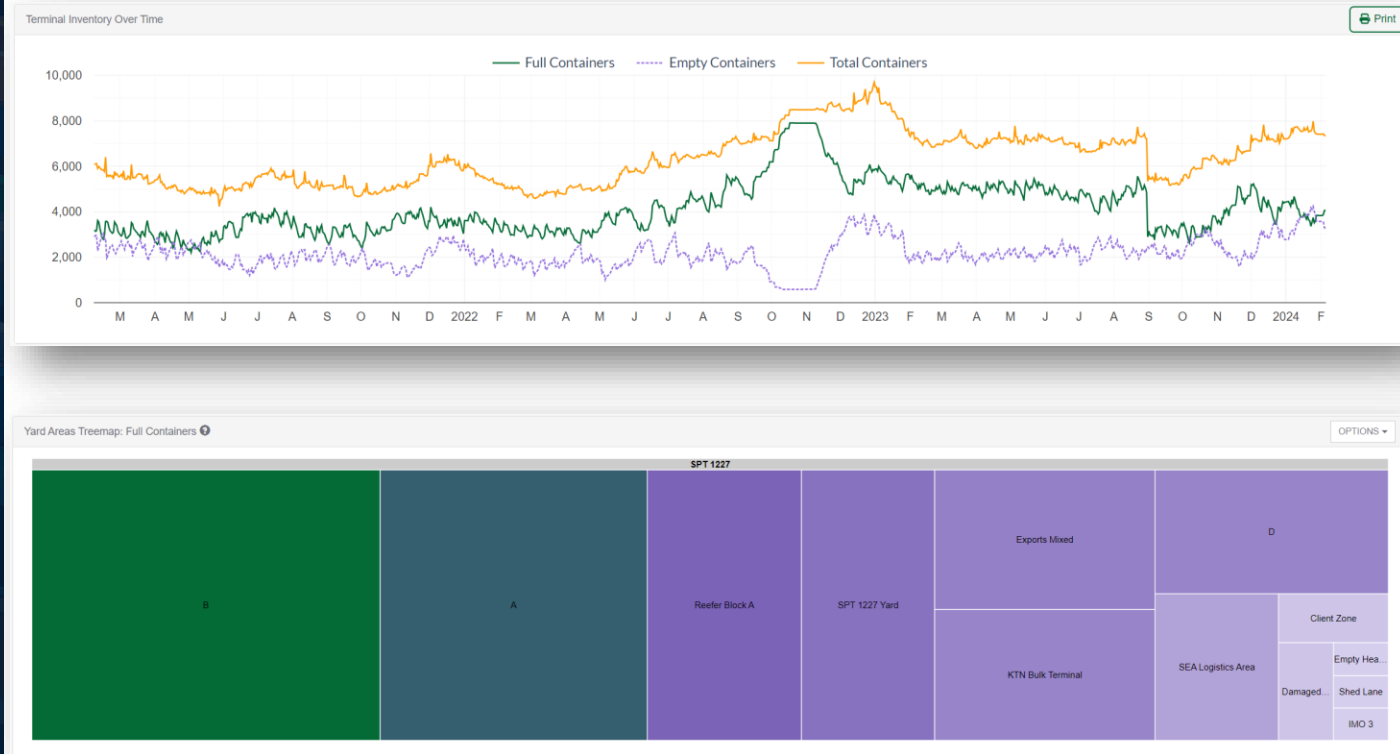


Remaining		191 items	Qty: 191	4,540,974.00 kg	MULTIPLE LIFT >	SHIFTING >	OVER LANDED >
<input type="text" value="Search..."/>							
Cargo		Line		Actions			
CBHU5966349 35000 kg Seals: 2312,123123,2313,213123 BL: HYD-MAE04		40HC	full	COSU	DISCHARGE		
MAEU3499781 32400 kg Seals: 23123 BL: HYD-MAE03		40FR	full	MAEU	DISCHARGE		
MAEU3512311 38690 kg Seals: 23123 BL: HYD-MAE02		40FR	full	MAEU	DISCHARGE		
MAEU4065033 4000 kg Seals: 23123 BL: HYD-MAE04		40OT	empty	MAEU	DISCHARGE		
MAEU4220171 3940 kg Seals: 23123 BL: HYD-MAE03		40OT	empty	MAEU	DISCHARGE		



YARD

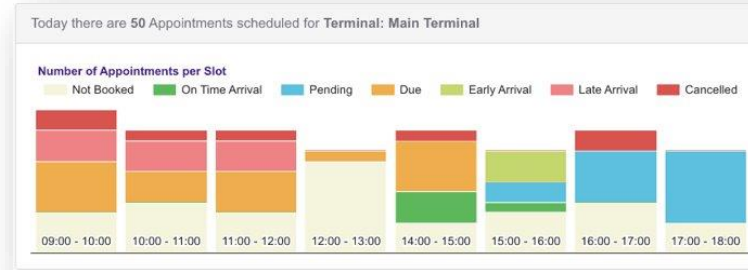
- Enhanced operational visibility by having real time data on cargo movements and yard activities
- Data driven insights enables better customer service and visibility to stakeholders
- Historical and real-time data analytics support predictive modelling and planning activities





RAIL & GATE

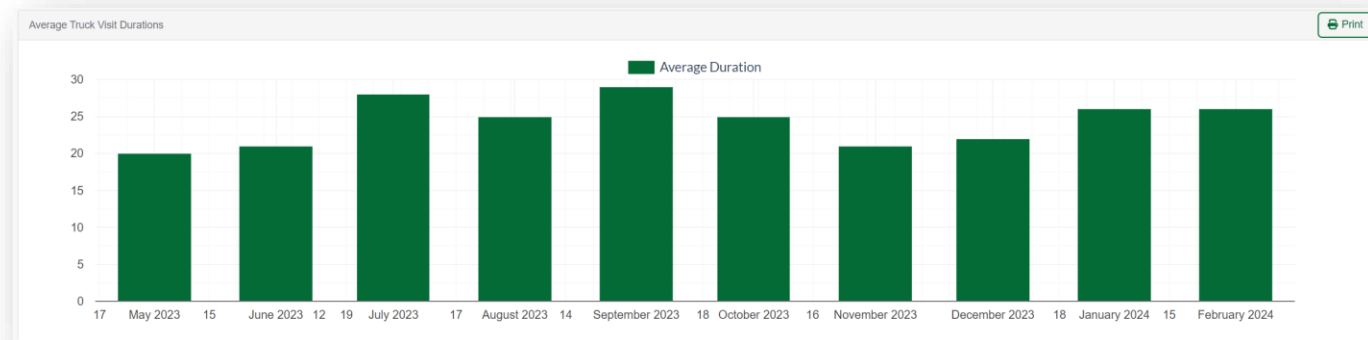
- Data integration with supply chain partners, including rail/truck carriers and shipping lines, enhances coordination and collaboration
- Data generated from effective scheduling and appointments system enable terminals to manage trucks and trains effectively
- Enables terminals to monitor KPIs such as turnaround times, equipment performance and service levels



Avg. Truck Visit Duration - Today

24.0

Minutes / Visit



MAKING DATA AFFORDABLE



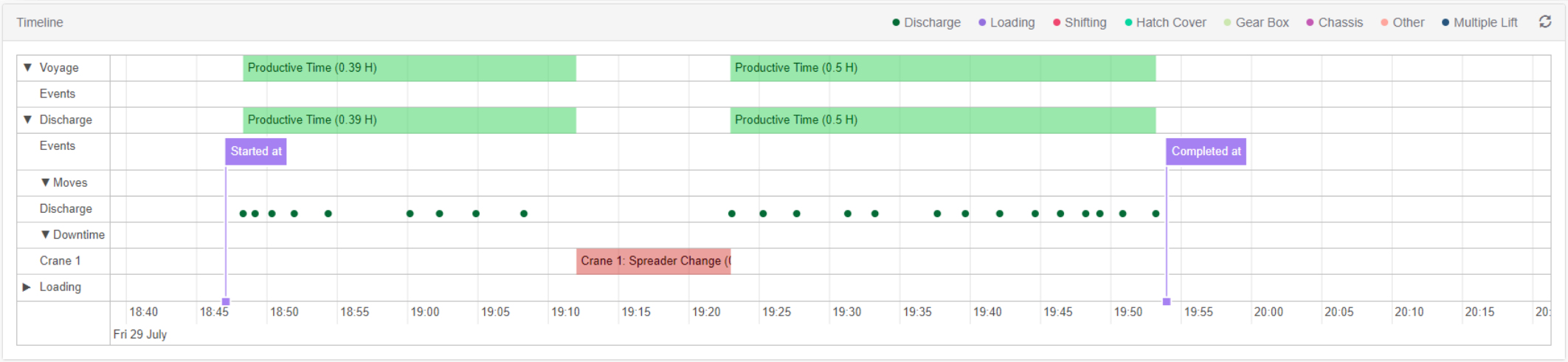
Digitalization is Inevitable



Data Driven Excellence



Budget Friendly Solutions Exist





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THANK YOU!



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