



# OPUS TERMINAL

Terminal Operating Solution

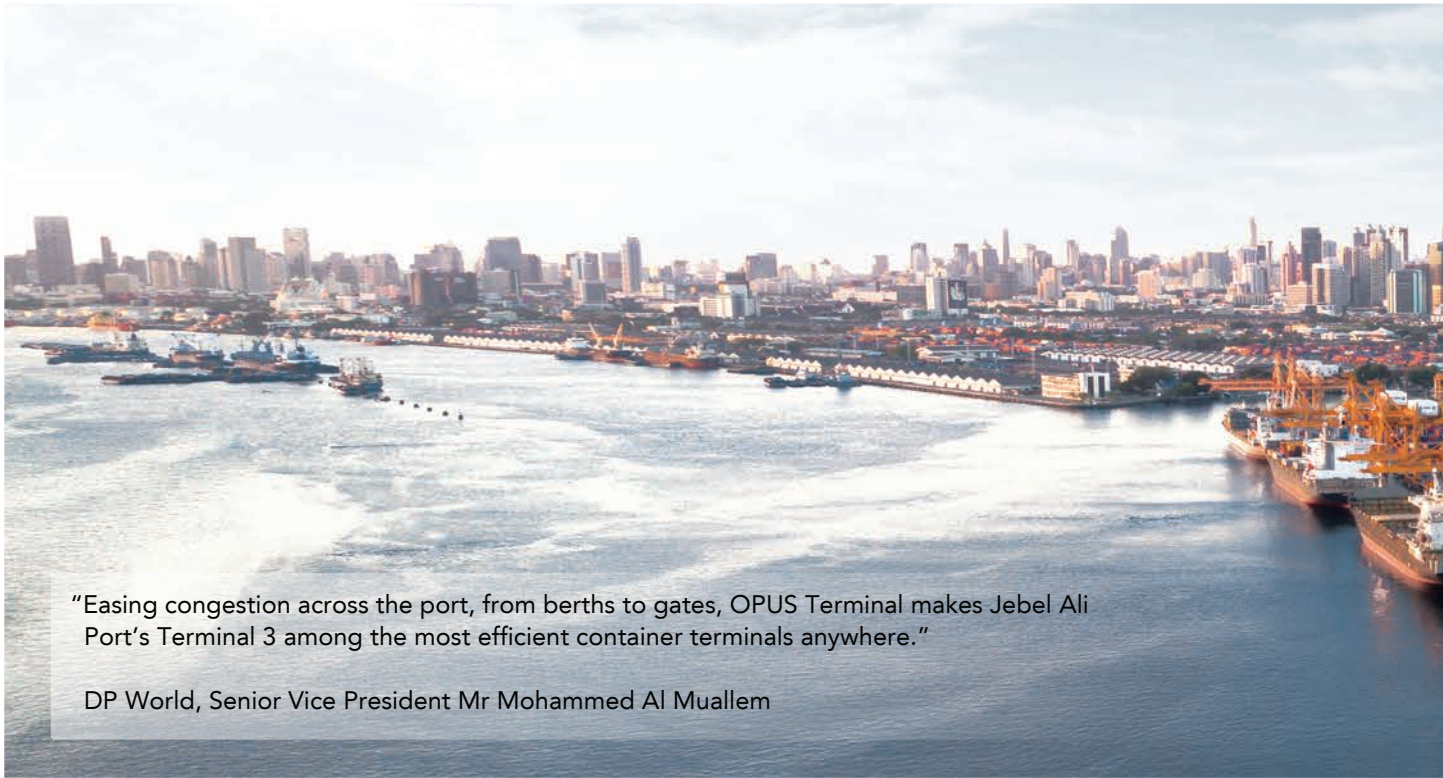
A large photograph of a port terminal at sunset. Two large white gantry cranes stand prominently in the background. In the foreground, several stacks of colorful shipping containers (blue, orange, red, and white) are visible. The sun is low on the horizon, creating a warm glow and silhouettes of the equipment. The sky is a mix of orange, yellow, and light blue.

## A SINGLE GATEWAY TO INTELLIGENT PORT-WIDE OPERATIONS.

Increase visibility. Enhance real-time decision making. Optimize cargo movements and more. OPUS Terminal makes it all possible, from one single, highly integrated TOS platform. Linking different equipment and disparate systems, OPUS Terminal essentially converges the functions of planning, operations, EDI and KPI Dashboard analyses to create a common window for better insights into status and performance across the entire port operations.

Designed with the latest J2EE-based open architecture, OPUS Terminal guarantees high flexibility and scalability to meet the high demands of modern container terminals at a lower total cost of ownership. The system integrates easily with other terminal operation processes allowing increased efficiency and agility in yard and port-wide operations.

CyberLogitec



“Easing congestion across the port, from berths to gates, OPUS Terminal makes Jebel Ali Port’s Terminal 3 among the most efficient container terminals anywhere.”

DP World, Senior Vice President Mr Mohammed Al Muallem

## MOST INTELLIGENT TOS

### STEP UP YOUR SMART TERMINAL TRANSFORMATION.

Successfully deployed in more than 50 terminals around the world, OPUS Terminal is a customizable solution with comprehensive modular tools and features to leapfrog your port operations into the digital future.

#### ADVANCED VESSEL PLANNING (AVP)

##### *Simplify the complexities with automated planning*

AVP is an advanced automated planning engine with in-built algorithms that empower planners to plan loading/discharging activities of vessels optimally and safely in a rapidly evolving environment where vessels are getting larger and port stays shorter to compensate for slow-steaming. By simplifying the complex and multi-dimensional planning process, AVP makes it easier to manage daily as well as future planning, enhancing the accuracy of projections and reducing the risks of human error and costly downtime.

Optimizing discharging and loading sequence based on combined EDI information, container status, equipment position and workload information from equipment and vessels, AVP essentially puts the power of real-time visibility in the hands of planners to quicken turnaround time, reduce container re-handling and optimize asset utility.

#### TERMINAL LOGISTICS SYSTEM (TLS)

##### *Synchronize equipment workflow from within the terminal*

TLS provides a single automated platform to manage the workflow of all equipment in the terminal. The system assigns and balances workload for each equipment individually based on given conditions and work queue. TLS coordinates the entire equipment work process, ensuring containers travel between gate, vessel, rail and yard seamlessly and efficiently with issues identified and promptly rectified.





## ADVANCED YARD PLANNING (AYP)

*Optimize productivity with real-time control and visibility of container movement*



AYP is an automated container distribution system that helps ports to achieve optimal container handling and measurable operating efficiency through real-time visibility of yard assets and processes. The platform intelligently distributes container move-

ments in the yard. Containers received from the gate and those unloaded from vessels are optimally arranged in the yard to significantly reduce re-handling efforts. Overall, information from QC work queues and vessel's stowage location enable AYP to determine efficient yard storage location with minimum turnaround time for trucks.

## INTERFACE STANDARD

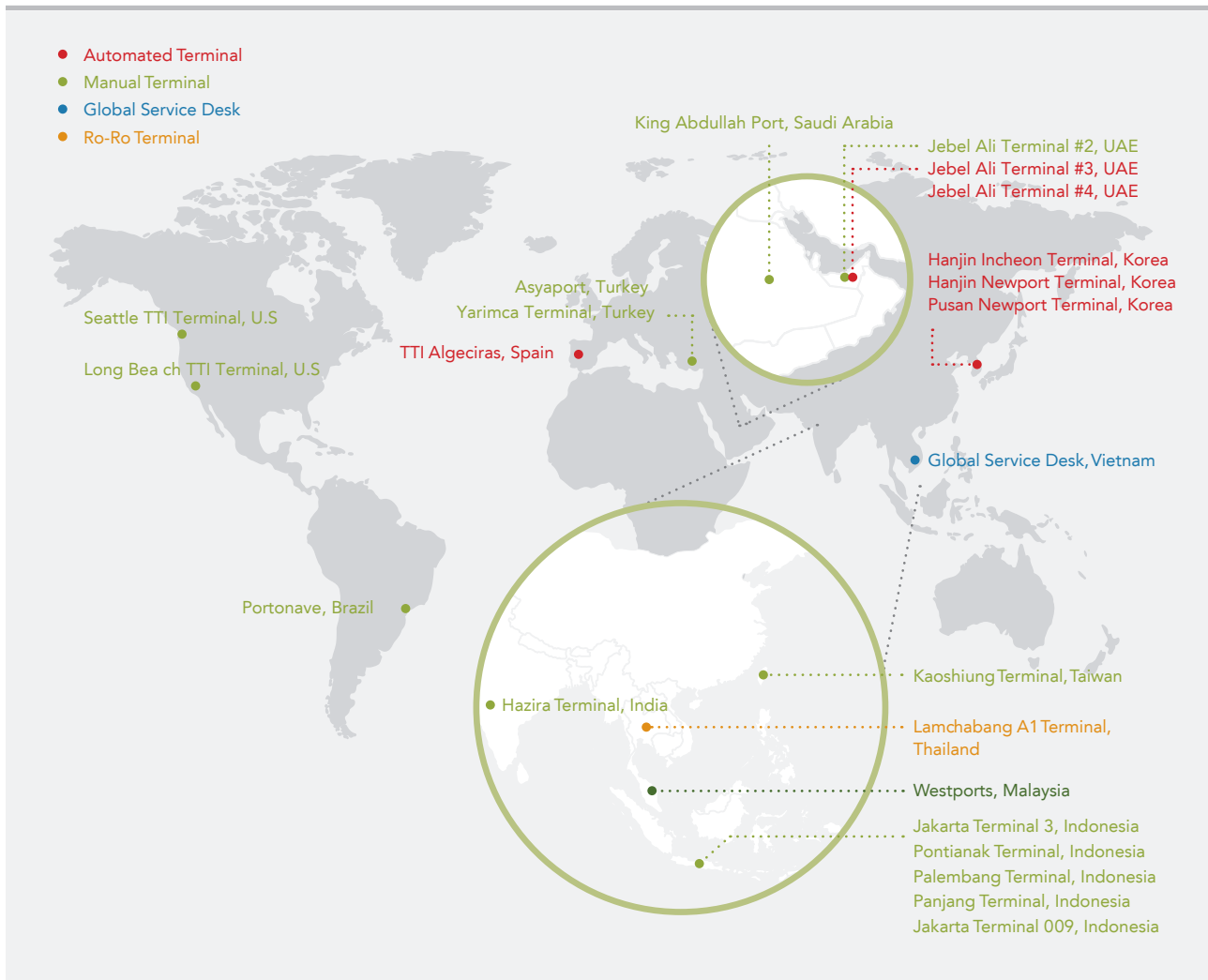
*Connect people, processes, systems, technologies and equipment as one*

OPUS Terminal is a connected platform solution capable of integrating different terminal protocols into one cohesive unit with a standard interface architecture that provides a single platform for different yard equipment, systems and technologies. Under one umbrella, OPUS Terminal enables the terminal to be managed for optimal efficiency, stability and ease of trouble shooting.

The port environment is an intricate web of different assets and systems. To be truly effective, port operators must adopt platforms that connect man, machine and methods through one 'language' to optimize productivity in the entire port ecosystem.



## OUR CUSTOMERS AROUND THE WORLD



Highly reliable, scalable and customizable, OPUS Terminal can be optimized for container terminals that operate on either conventional and/or automated terminal operations.

**TAKE PORT OPERATIONS TO THE FUTURE WITH OPUS TERMINAL TODAY.  
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