



Transforming Port Optimization through Digital Intelligence

TOS for the terminal of tomorrow

At a Glance

A highly-integrated Terminal Operating System (TOS) platform built on J2EE-based open architecture, OPUS Terminal assures terminal operators exceptional flexibility and scalability to meet your extreme business demands.

Covering the spectrum of terminal operations and linking different equipment and systems, OPUS Terminal converges the functions of planning, operations, EDI, and KPI Dashboard analyses. This seamless overview provides useful intelligence of operational performance across the entire port. These real-time, solution features enable container terminals to automate planning and key operational processes. OPUS Terminal facilitates your business in optimizing productivity and maximizing operational efficiency.

Key Benefits:

- ✓ Highly flexible and scalable solution with modular tools and features
- ✓ Seamless integration, deployment, and administration with other terminal operation processes
- ✓ Reduces communications gaps between operation and planning
- ✓ Simplifies operational complexities with automated planning and synchronized equipment workflow within the terminal, increasing port efficiency and response agility
- ✓ Optimizes productivity with real-time control and visibility of container movement
- ✓ Streamlined terminal operations reduces time and cost inefficiencies

Who We Are

CyberLogitec empowers the world's supply chain with advanced technologies that solve operational challenges and meet the exacting demands of our industry.

From maritime shipping operations, port and terminal operating systems to logistics forwarding and warehouse management, our integrated solutions help your business respond swiftly to changing operational needs. Our technology's advanced algorithms digitize and automate data exchanges to improve efficiency, competitiveness, productivity, and service, no matter which part of the global supply you operate within.

We provide a global service desk so you are assured of 24X7 customer support throughout the year. Headquartered in Seoul, with subsidiaries in the US, Europe, and China and a global sales and marketing team in Singapore, you can reach us easily no matter your geographic base.

Our mission is to provide our customers a digital foundation to achieve new levels of operational efficiency, offer exceptional customer support, and gain competitive advantage for a positive impact on profitability.

Contact a sales team member at e-mail: sales@cyberlogitec.com or visit www.cyberlogitec.com for country office details.

Pressured by escalating costs, increasing numbers of mega vessels, and the constant demand by shippers to maximize the productivity of vessels, today's operating landscape for terminals is exacting yet highly dynamic. Additionally, the port environment is an intricate web of different assets and systems, with multiple operations and processes occurring simultaneously.

This complexity provides an urgent impetus for operators to adopt a platform that connects infrastructure, capital and human assets so as to optimize productivity in the entire terminal ecosystem.

What You Need:

- ✓ Proven stable and scalable system customizable for the unique geography and needs of your terminal
- ✓ Capability to integrate different terminal protocols through a standard interface architecture on a common platform
- ✓ Advanced solutions covering the full range of operational functions – including vessel planning, yard management and equipment pooling – that streamline workflow, improve productivity and efficiency, and reduce operational costs
- ✓ Dynamic and accurate response to meet real-time operational requirements while allowing for effective decision-making for tomorrow's growth

How OPUS Terminal can add value to your terminal operations:



Optimize utilization of equipment

Terminal Logistics System (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.



Enhance efficient utilization of yard

Advanced Yard Planning (AYP), an automated container distribution system, helps ports achieve optimal container handling and measurable operating efficiency through real-time visibility of yard assets and processes. The platform intelligently distributes container movements in the yard, based on pre-defined rules and algorithms, such as scoring factors and QC work queues, to reduce re-handling efforts and reduce turnaround time for trucks.



Improve optimum loading and discharging of vessels

Advanced Vessel Planning (AVP) is a user-configurable, pattern-based, automated planning engine with in-built algorithms for the optimal and safe planning of loading and discharging activities of vessels. This capability is critical in a high-pressure environment where vessels' capacity is getting larger while and port stays remain or become shortened.

Simplifying the complex and multi-dimensional planning process supports daily and future planning, enhances accuracy, and reduces occurrences of human error and costly downtime.

A combination of EDI information, container status, equipment position and workload information from equipment and vessels allows planners to make dynamic adjustments to discharging and loading sequences. This real-time visibility speeds turnaround time, reduces container re-handling, and optimizes asset utility.



Boost productivity through effective terminal truck pooling

OPUS Terminal's real-time Global Truck Pooling tool enhances productivity of terminal operations by minimizing the travelling distance, waiting time, and unladen trips of trucks, dispatching them across cranes and yard where they are required. It intelligently optimizes the travel paths of trucks and effectively assigns trucks for maximum equipment pooling across terminal operations.

Find Out More

For a demonstration on how OPUS Terminal can support a faster, smarter terminal through improved productivity and operational efficiency, please contact us at: sales@cyberlogitec.com; for more information on CyberLogitec and the other solutions we offer, visit us at www.cyberlogitec.com.