

Leverage Power BI Dashboard in the Shipping Industry for a Terminal Gate Operation

WHO WE ARE

“ UB Technology Innovations is a Microsoft Power Platform delivery partner offering no/low-code solutions, virtual bots, RPA, and data insights. We help clients on their digitalization journey by automating tasks, optimizing workflows, and providing a competitive edge through quick app deployment. ”

WHAT WE DO

- Compliance and Security
- Enhance Productivity
- Improve Time to Market
- Reduce Operational Costs
- Maximize Profits
- Customer Experience



THE CLIENT

The client is a leading US-based firm that operates Marine Terminals which serves customers globally. They handle all types of terminal services including marine cargo transportation, warehousing and harbouring services.



CHALLENGES

Due to the high delay in truck operations at the terminal, the client wanted to monitor real-time gate operations to analyse potential causes that hinder to process. The key factors like Increased dwell time, Truck Turn Time (TTT) are one of the significant reasons that cause delays and affects other truck movements. No centralized reporting system is available to show detailed aspects, that contribute/affect to the operational efficiency. The challenges include

- No real-time truck monitoring solution to detect delays or issues
- Disruption of Truck appointments due to the increased dwell time
- Delayed Truck Movements
- Difficulty in handling truck traffic or congestion





SOLUTION

UBTI with certified and experienced professionals in Power BI gave a new vision to the terminal reporting system by developing and integrating the real-time dashboard with their Terminal Operating System (TOS). Real-time Power BI reports are developed to track the truck's dwell time against the target dwell time and identify causes of delays. Gate volume analysis and tracking of the truck's appointment status are also part of the solution that provides transparency on what leads to truck congestion that affects subsequent actions. This fully automated dashboard helped the client to manage appointments with much ease and undoubtedly increased the capability to handle more new appointments

The Solutions include the following analytical Dashboards for Terminal Gate Operations

- Average Dwell time Reports
- Gate Volume Dashboards
- Truck Turn Around Time (TTT) trend analytics
- Truck movement analytics
- Track the Appointment status of trucks



www.ubtiinc.com



info@ubtiinc.com



+1 (714) 912-1600





SOLUTION BENEFITS

The following are the prominent benefits that foster the overall terminal operations

- Fully Automated real-time reporting solution
- User-friendly dashboards
- Easy tracking of truck movements
- Cost-effective Operational Management
- Lean Management
- Increased Efficiency

The Centralized reporting dashboard is the all-in-one solution to analyse every factor that contributes to terminal operations so as to make informed decisions



ABOUT US

UB Technology Innovations, Inc. (UBTI) is a leading global technology solution provider with more than 3 decades of experience across all industries, specializing in Capital Markets (Asset Management), Logistics and Healthcare. We are the preferred Microsoft Gold Certified partner backed by a world-class team of Microsoft Certified experts with rich experience in Azure Cloud Platform and Data Analytics.



UB Technology Innovations, Inc.
 2401 E Katella Ave, Suite 450
 Anaheim, CA 92806



www.ubtiinc.com



[company/ubti](https://www.linkedin.com/company/ubti)



info@ubtiinc.com



+1 (714) 912-1600



Connect us

