
Boluda Shipping Selects Pulse Mobile from TMEIC to Drive New Generation of Connected Port Operations

Latest milestone in Boluda's digital transformation introduces new model for managing truck-terminal interactions that addresses evolving industry forces like growing truck volumes, limited space and pressure to improve efficiency and sustainability

- Pulse Mobile from TMEIC enables Boluda to move key operational and check-in processes upstream, resolving up to 80%* of issues before trucks reach the gate and enabling more efficient flow
- End-to-end gate platform unlocks greater connectivity between Boluda Terminals and trucking community and supports the full truck journey, from pre-arrival validation and exception management to gate processes and yard coordination
- Boluda's Tenerife location to implement new digital platform and process without changes to other terminal systems like TOS, PCS and other technology platforms

HOUSTON – [Oct. 1, 2026] — TMEIC and Boluda Shipping announce a significant digital transformation targeted at the major forces shaping modern terminal operations – a new operational model for managing truck and terminal interactions to be implemented by Boluda Maritime Terminals, driven by TMEIC's Pulse Mobile digital gate platform.

The new process, which will be implemented at Boluda Maritime Terminals Tenerife in the Canary Islands, moves key operational activities upstream to address issues well in advance of trucks reaching the gate. This shift helps reduce operational bottlenecks, providing end-to-end visibility and improving efficiency and connectivity between terminals and the trucking community.

"Rising truck volumes, limited space and sustainability goals are all pushing terminals to find greater efficiency. To address this shifting landscape, we're using technology to redefine how terminals operate," says Gonzalo Calero Gómez, CEO, Boluda Maritime Terminals. "That level of innovation requires a partner who shares our vision for connected ports and possesses the technological capability to deliver. This collaboration is a key piece of our evolution toward increasingly efficient, connected and user-oriented terminals."

Pulse Mobile facilitates the coordination between Boluda, carriers and drivers that makes the reconfigured truck and terminal process possible. From the moment carriers receive work orders to pick up or deliver a load, Boluda and the trucking community get full visibility, all the way through the validation of operational information, incident management, terminal access, ground operations and departure. Real-time connectivity enables improved

coordination and decision-making, while reducing errors, providing full transaction histories and eliminating paperwork. The platform's vendor-agnostic nature allows it to integrate with Boluda's existing terminal operating systems (TOS), port community systems (PCS) and other technology platforms, rather than replacing them or requiring a specific provider.

In previous real-world deployments by TMEIC, Pulse Mobile has proven capable of resolving up to 80%* of issues before trucks arrive at the gate, reducing gate cycle times by up to 50%* and boosting lane availability by up to 98%*. This significantly reduces congestion at access points, enables more predictable operational flows and minimizes wasted trips and time spent idling, which in turn helps to reduce greenhouse gas emissions. These efficiency gains can enable transport companies to complete up to two* additional trips each day.

Pulse Mobile also allows Boluda to reduce dependence on gate equipment like kiosks and printers – an approach that has enabled other operations using the solution to reduce spending on maintenance and parts by up to 60%*. It also yields safety benefits by allowing clerks to manage entry processes away from heavy machinery, noise and the elements, thereby reducing their exposure to exhaust fumes and injury risks.

"The global maritime industry is at a tipping point, in which digital transformation is unlocking a new generation of interconnected, data-driven and sustainable operations. We're honored to partner with Boluda to help drive this evolution," says Francisco Grau, Managing Director, TMEIC Port Technologies, S.L.U. "This project reflects our broader vision for the future of terminals, in which integrated software, automation and operational intelligence redefine what ports can achieve."

*Results calculated using historical customer data, performance metrics from real-world Pulse Mobile deployments and hardware cost estimates.

Logos & images

To access logos and images, [click here](#).

TMEIC remains dedicated to driving innovation, technological excellence and world-class manufacturing to support the electrification of industries, the advancement of automation technology and the transition to clean energy. For more information on TMEIC's industrial technologies and renewable energy solutions, please visit www.tmeic.com.

Media inquiries:

Tricia Downie, Senior Marketing Communications Manager Tricia.Downie@tmeic.com

About TMEIC Corporation

In order to respond to the needs of manufacturing sites that serve as a foundation for supporting society, TMEIC always sets its eyes on the future of industry, society and the environment as an industrial systems integrator striking a balance between the sustainable development of society and the global environment. TMEIC will contribute to manufacturing and environmental management through leading-edge technologies based on its core technologies of rotating machinery, power electronics and engineering.

About TMEIC Corporation Americas

TMEIC Corporation Americas, headquartered in Houston, TX, designs, develops, and engineers advanced automation, large AC and DC motors, photovoltaic inverters, and variable frequency drive systems, with manufacturing and assembly facilities in Waller County and Katy, TX. TMEIC Corporation Americas specializes in Renewable Energy, Metals, Port Solutions, Oil & Gas, Mining, Paper, Water & Wastewater, and other industrial markets worldwide. We drive industry. www.tmeic.com.

About Boluda Shipping

Boluda Shipping is one of the leading companies in maritime transport services and international freight logistics. Through Boluda Lines, Spain's leading shipping company, it operates 11 maritime services connecting the Iberian Peninsula with Northern Europe, the Canary Islands and the West African coast, with a fleet of 15 vessels serving 33 ports in 14 countries. The company also provides port logistics services through Boluda Maritime Terminals, operating a total of 9 terminals, 4 in the Iberian Peninsula (Seville, Vilagarcía, Cádiz (Concasa), Santander) and 5 in the Canary Islands (Las Palmas, La Palma, Tenerife, Lanzarote and Fuerteventura). Through its subsidiary Boluda Logistics, it offers a comprehensive range of transport and intermodal logistics services, complementing its portfolio with road, rail and warehousing solutions, among others.