

## BPA Wins Ministry of Oceans and Fisheries’ “Port Logistics Industry Innovation Contest” for the Third Consecutive Year

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Employees from the Digital AI Department and Logistics Policy Department of Busan Port Authority (BPA) who won awards in two categories at the Ministry of Oceans and Fisheries’ Port Logistics Industry Innovation Awards. (Photo courtesy of Busan Port Authority)

[Busan = Daily Korea, Reporter Yang Jun-mo] Busan Port Authority (BPA) announced on December 8<sup>th</sup>, 2025 that it won the Excellence Award and the Merit Award at the “Ministry of Oceans and Fisheries Port Logistics Industry Innovation Competition” held in Yeouido, Seoul, on December 4<sup>th</sup>.

The Excellence Award was granted for the project of “Establishment of Virtual Gates Based on Geofencing Technology,” recognizing the company’s success in resolving traffic congestion near the port through virtual gates on roads.

BPA set up invisible virtual boundaries at specific points within the container terminal and used real-time vehicle location data to automatically detect cargo trucks, thereby dramatically improving issues such as waiting times, bottlenecks, and congestion.

In particular, the application of AI-based GPS correction technology—which analyzes and learns movement patterns to significantly enhance decision-making accuracy and system stability—was highly praised.

The project of “Reorganization of Container Port Functions and Customized Facility Improvements at Port of Busan,” which received the Merit Award, was evaluated as a representative port relocation model that repositioned the North Port—currently undergoing redevelopment—as a hub port for Asia-based shipping lines.

Through the relocation of the Jaseongdae Terminal, the BPA achieved a social benefit by preserving approximately 600 jobs. It received high praise for converting vacant berths at the three remaining terminals in the North Port (Shinseondae, Gamman, and Shingamman TMLs) into container-handling facilities and for introducing a “modernized model centered on core components,” which improved port productivity and resulted in significant cost savings compared to new construction.

BPA President Song Sang-geun said, “I find it deeply meaningful that Busan Port’s innovation has once again been recognized as one of the best practices for innovation in the national port logistics industry this year,” adding, “Busan Port Authority will continue to build a port ecosystem where technology, people, innovation, and safety harmonize, striving to take a leap forward as a smart port with world-class global competitiveness.”



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