



Smart brings Green

Benefits of Enabling Smart IoT Technology in Container Transportation

- Reducing emissions by increasing transparency and logistics efficiency.
- Reducing congestion and idling by optimizing routing and allocation.
- Predictive maintenance decreases unnecessary pre-trip inspection.

Challenges

Data Sharing and Standardization

- Data silos and inconsistent data formats across stakeholders.
- System compatibility and business innovation limited by lack of widely-recognised standard.
- Data security and privacy issue.
- Data reliability of container maintenance (like reefer PTI determination).

About BoxPlus

IoT Solution Provider from Shanghai, China. Established in 2019, with product line covering scenarios of dry container, reefer container, vessel-on-board container, and reefer truck. Provide the plug in and play solution including both hardware and application platform, API for either the application or raw IoT data.

- Subsidiary company (affiliated brand) of COSCO SHIPPING Group
- Member of Container Owner Association
- Contributing GCGL standards under BIC



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Expert of UNECE, ISO/TC 104 & 154



Bridging the Gap

Bridge traditional models with digital intelligence in the industry.

- Integrating IoT into existing business systems.
- End-to-end solution with agile capability.
- Enabling interoperability through protocols.



Value add-on

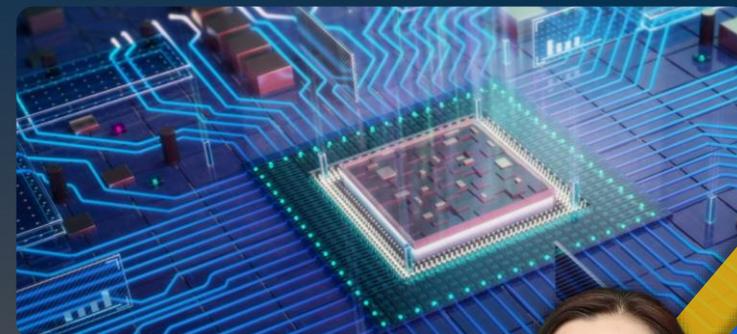
Use cases of BoxPlus' product in multimodal track & trace and container operation.

- Unique features like wireless DOOR SENSOR, AI based predictive maintenance.
- Transforming traditional container transportation to a mode with digitalization and more value added services.
- Supporting the end users' whole chain digitalization by product family

Open and Collaboration

Collaborate with NGOs and platforms (like COA).

- Improve data quality/availability/reliability.
- IoT & logistics industry dialogue.
- More transparency.
- International, cross-industrial standards.



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