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Bosch Bay and Yard Manager

Make truck movement smooth and secure with Yard and Bay Management.



Overview

Bosch Bay and Yard Manager (BBYM) has been designed with an aim to remodel yard management and bay allocation processes for warehouses, distribution centers, and manufacturing facilities. Efficiently managing the scheduling of arrivals and departures. while maintaining seamless coordination with yard personnel and drivers, to ensure timely updates and smooth operations. Tracking key performance indicators (KPIs) such as turnaround time and yard occupancy rates is essential for optimizing efficiency.





Challenges Faced in the Industry

How do we try avoiding vehicle congestion at the gates?

Is there a way to ensure smooth vehicle movement from the yard to the bay?

How do I manage assignment of gates and yards?

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Key Features



Data-Driven Efficiency

Capture timestamps for all activities, generating reports to enhance process efficiency through data analysis.



Reduce Congestion

Streamline vehicle movements within the premises to avoid congestion.



Monitor Performance

Track LSP performance, ensuring quality and timely vehicle placement.





Seamless Coordination

Facilitate smooth coordination between bay managers, gate security, yard managers, LSPs, and drivers.



Ensure Compliance

Maintain adherence to standard operating procedures (SOPs) by digital process confirmations.



Cost Savings

Reduce manual efforts significantly by streamlining processes and lower administrative costs.

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BBYM Modules

Appointment Management

- Plan and schedule appointments in advance with seamless communication to stakeholders.
- Adjust schedules dynamically based on real-time ETA information, optimizing resource utilization.

Gate Management

- Utilize Automatic Number Plate Recognition (ANPR) for swift vehicle identification.
- Quickly verify vehicle fitness and driver license details through integration with VAHAN and SAARTHI APIs.
- Streamline invoice entries at the gate by integrating with the E-Way Bill API.
- Ensure compliance with SOPs through digital process confirmations.

Yard Management

- Display real-time availability of parking spaces within the yard.
- Enable drivers to quickly locate empty parking spaces, reducing search time and accelerating movements.

Dock Management

- Monitor ongoing dock operations effectively.
- Maintain compliance with SOPs through digital process confirmations.

Reports & Dashboards

- Visualize ongoing operations, dock/yard availability, and key performance indicators with dashboard views.
- Generate insightful reports based on time-stamped data to drive process improvements.

Why Choose Us

Monitoring vehicle movement and yard occupancy is essential for streamlining the yard and bay operations. Implementing a BBYM with automated alert functionalities allows for immediate notifications of any delays or changes in schedules. These alerts can be sent to relevant personnel, including drivers, yard operators enabling prompt action to address issues.



Get in touch with us:
hello.l-os@bosch.com

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