

Appointment Yard & Dock Management



Solution Provided

Versatile Appointment Management

Problem Statement

3PL Customer manages diverse TMS solutions of their customers and partly leverage their internal TMS. Imminent need to solve their yard and dock capacity challenge through an automated appointment creation, and automated driver, trailer check-in and check-out process. This solution must be scalable for all of their North American DCs irrespective of the distinct customer TMS systems or message variations per implementations. On top of it, they want exceptional scenarios to be covered for last minute driver swaps or unknown trailer check-ins to be working without manual effort

Outcome

Composed a scalable solution that is configurable by appointment requestor message type, facility operating hours, appointment duration, appointment type, and equipment needs by load types. Composed solution eliminates manual guard check-in process through computer vision and automapping appointments against shipments, trailers, and drivers. In addition, solution covered self-service portal for the drivers to sign-up and participate in execution phase of First Mile or Last Mile shipments, append driver information, shipment delays, and so on

Ecosystem

Blue yonder | Mercury Gate | MA TMS

Metrics

- 100% transparency on the load
- 50% load optimization across customer

Industry

Transportation

