

What does IntelliPort do?

Optimized Appointment System using Artificial Intelligence



Reduces the Congestion on Terminals by Balancing traffic

Creating Optimal Dual Transactions to increase throughput





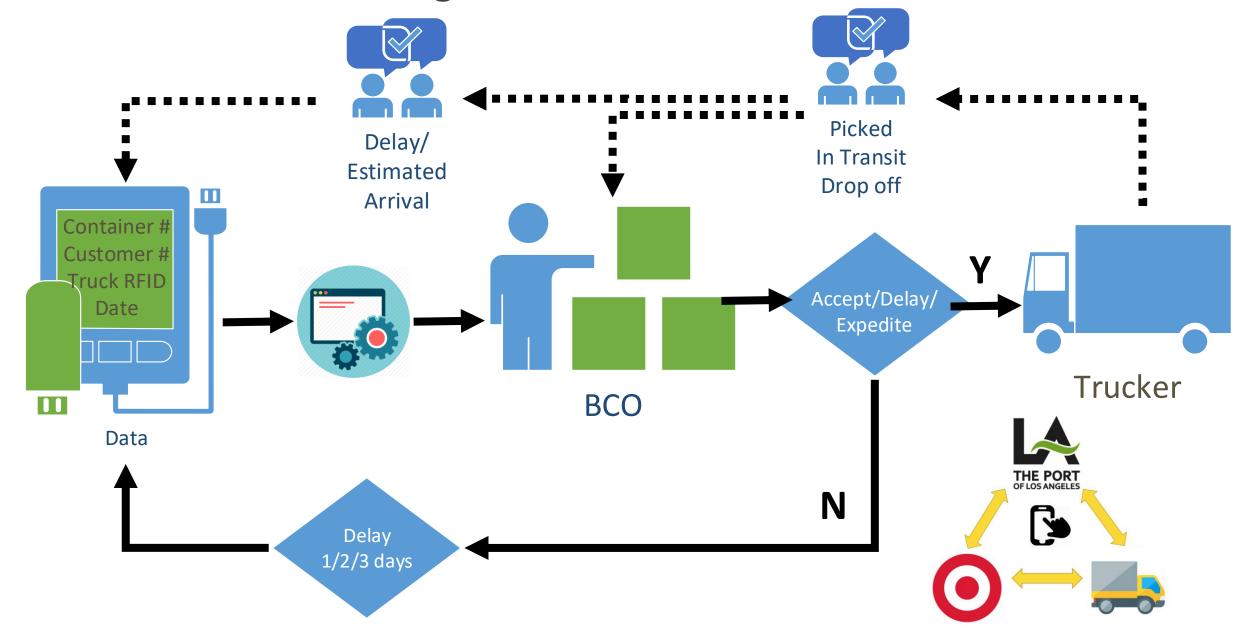
Ideal Utilization of Container yard using Stacking Algorithm



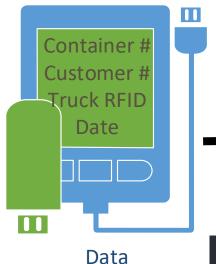
Real-time Visualization of Key Performance Indicators to support decision making

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Information Flow during one Transaction



IntelliPort - Web Interface & KPI



Appointments



CONTAINER STACKS

21	1	22	4	23	3
24	5	17	2	13	9
16	6	18	8	19	24
20	10	14	7	15	11

UPCOMING APPOINTMENTS

15/08/2017 - Export 8:00AM **VIEW LOCATION** Customer: Target Container No: 1 Trucker: 00073433 Destination: 90731

15/08/2017 - Import 9:00AM Customer: Famous Amos Container No: 21 Trucker: 00073433 Destination: 90245

16/08/2017 - Export 10:00AM Customer: Target Container No: 4 Trucker: 00073433

16/08/2017 - Import 11:00AM

Customer: Famous Amos Container No: 22 Trucker: 00073433 Destination: 90245

Destination: 90731

17/08/2017 - Export 1:00PM

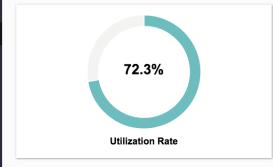
Customer: Target Container No: 3 Trucker: 00073433 Destination: 90731

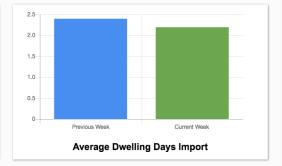
17/08/2017 - Import 2:00PM

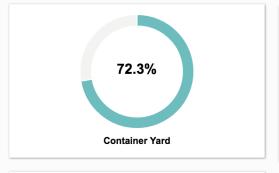
Customer: Famous Amos Container No: 23 Trucker: 00073433 Destination: 90245

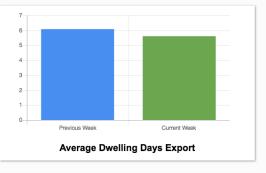
8:00AM 18/08/2017 - Export

Statistics



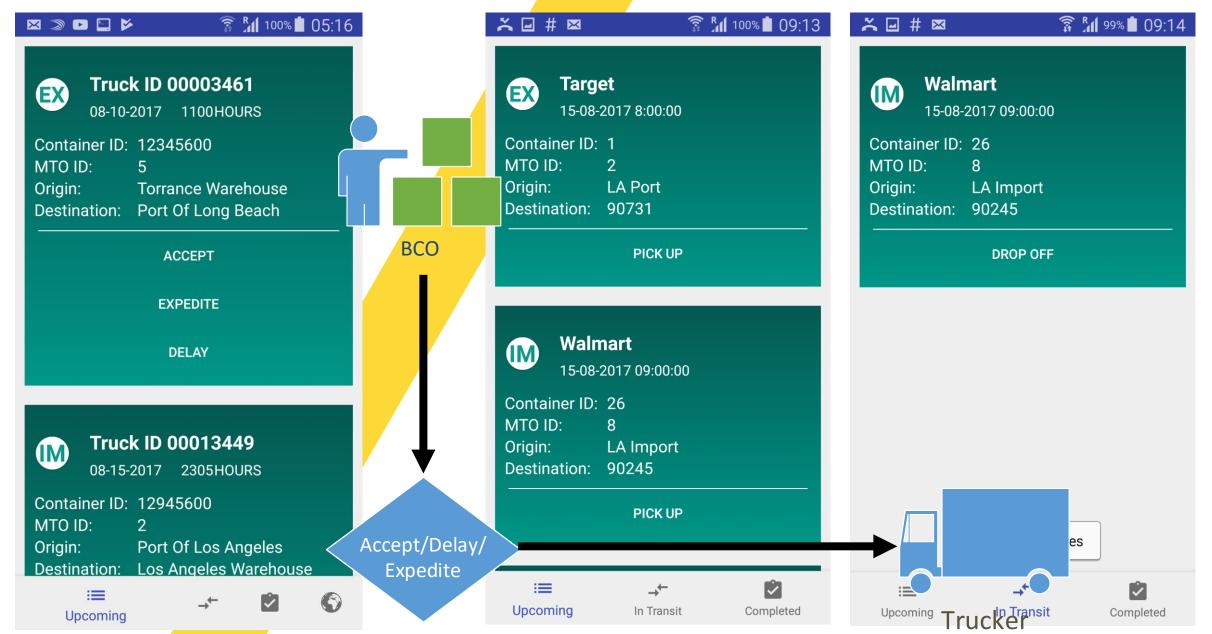






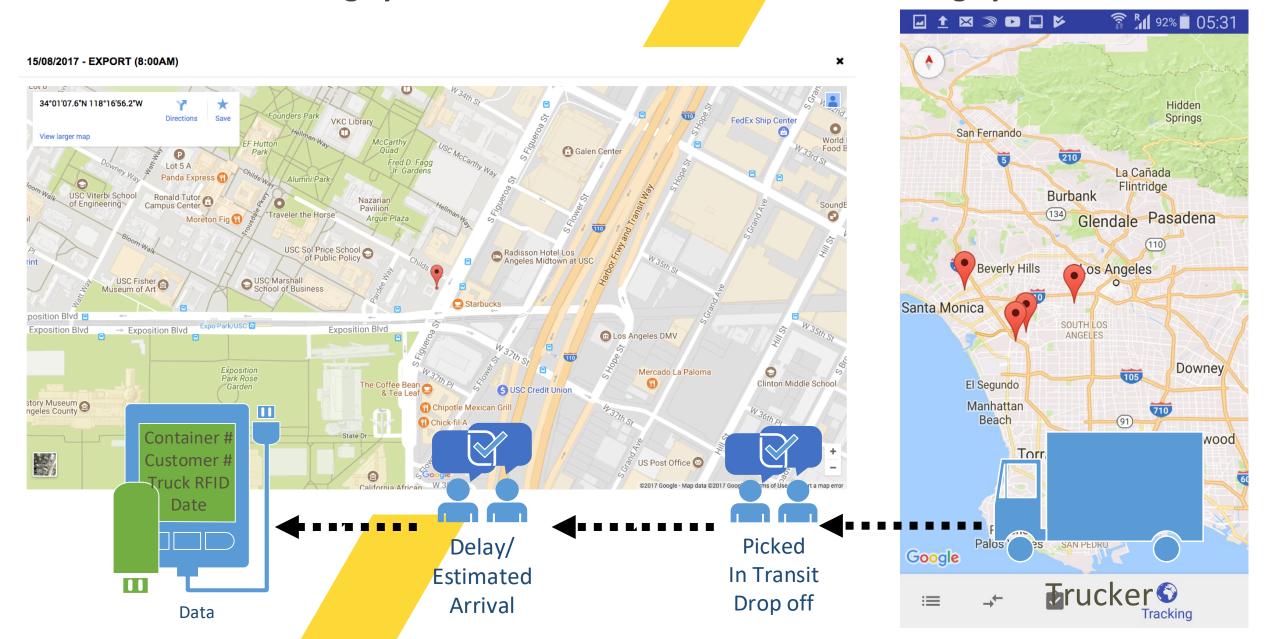
IntelliPort – Customer Interface

IntelliPort -Trucker Interface



IntelliPort – GPS Tracking System for Terminal

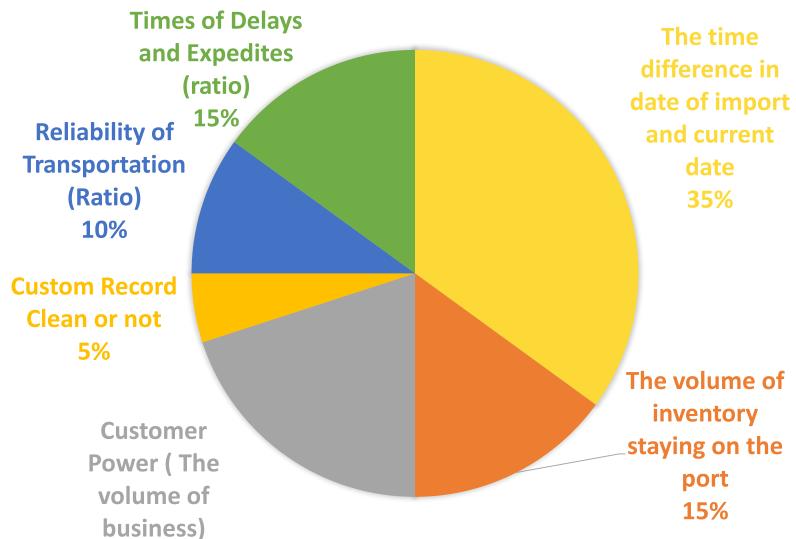
GPS Tracking System for Customer



Initial Scheduling Process Variables



Our first stage Backend Algorithm



How the Brain works?

Container Dispatch records with Container#, Customer#, Truck #...

1st Stage backend Algorithm Metrics

- 1. Schedule Container dispatches based on 1st Stage alogirthm keeping capacity trucks/hour as constraint.
- 2. Export and Import transactions on same / close dates under same trucking company scheduled are matched together.
- 3. Send the new schedule to customers and collect feedback A/D/E

4. Matching the records with Delays/ Expedited feedbacks again, assign the new appointment for another Dual or nearest Vacant schedule

IntelliPort

One-Way Transaction Peak Hours

47.45 minutes

Turn time for terminal operator

114.45+ minutes

Turn time for trucking companies

Dual TransactionsWith IntelliPort

30.15 minutes

Turn time for terminal operator

97.15+ minutes

Turn time for trucking companies

17 mins of Time Saving Per Transaction

21% More generating of Transaction

12 Million
More Revenue
Per Terminal

