



CargoSprint

eModal

CASE STUDY:

Clean Truck Program for the Ports of Los Angeles and Long Beach

CargoSprint's eModal software and services help to reduce SoX/NoX emissions by 70% in the LA/LB port complexes, improving emissions one truck at a time.



OVERVIEW

CargoSprint's eModal has tagged and tracked over 20,000 trucks for a cleaner port. In 2009 a Clean Truck Program was implemented in the Ports of Los Angeles and Long Beach, California, as a central element of the Clean Air Action Plan (CAAP), which targeted major sources of air emissions in and around the ports, including ships, trains, trucks and cargo handling equipment.

THE CHALLENGE

eModal's prior success with the PierPASS and OffPeak emissions reduction program led the Ports of Los Angeles and Long Beach to reengage with CargoSprint to help implement their Clean Truck Program initiative. In this project, CargoSprint's resources outfitted over 20,000 trucks with WhereNet RFID tags to enable real-time movement tracking at the 12 local terminals. CargoSprint's eModal also helped assess and collect containerized freight fees that would ultimately help fund a new fleet of clean-burning harbor drayage trucks. Newer model-year trucks were exempt from the fee, encouraging owners to upgrade their vehicles to newer, cleaner models.

THE SOLUTION

The Ports established a common customer service center, staffed by port and CargoSprint resources, to help deal with adoption and operational issues. CargoSprint developed Port Check for eModal, a tracking solution to pair live data feeds from RFID readers with terminal gate transaction information. Port Check globally monitors movements from all trucks and the subsequent levying of correct charges to each one based on the condition of the truck's engine and emissions equipment. As each truck received a proper charge, Port Check processed the Clean Truck Fee and invoiced to the responsible party.

THE IMPACT

After one year of deployment, in February 2009, the program reduced the rate of port truck emissions by an estimated 70%. By 2012 (full implementation), CargoSprint's eModal software helped reduce port truck emissions by more than 80% based on a total banning of the last highly polluting trucks from port terminals.

Today, virtually all drayage trucks servicing the Port terminals are 2007 or newer models.

To learn about our parent company CargoSprint,
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