

Driven by IT:
Port Operations Innovations
Case Study: Technology
and the
“Clean Truck Program”

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AAPA Port Operations and Technology Seminar
June 11, 2009

PALAZZOLO
ASSOCIATES

Simplify. Automate. Profit.

Southern California “Clean Truck Program” *Background*

- 16,800 trucks serving both ports
- Pressure to eliminate polluting trucks
- Port expansion stymied
- Teamsters drive linked to trucking concession

Southern California “Clean Truck Program”

- Not just a “California Problem”
 - it just happened there first
- NRDC has national strategy
- Teamsters have a national strategy

Port Headlines Throughout U.S.

 The Post and Courier
charleston.net

**THE COASTAL CONSERVATION LEAGUE
IS AGAIN SEEKING TO HALT THE
EXPANSION OF THE PORT OF
CHARLESTON.**

THE WALL STREET JOURNAL.
ONLINE

March 10, 2004

U.S. Ports Hit a Storm

Expansion Plans Are Delayed
As Residents Cite Pollution,
Despoiling of Natural Areas

LA port approves trucks plan with employee-driver provision

JoC Online

Thursday, March 20, 2008

**NY/NJ port authority sets carbon-neutral
goal by 2010**

April 4, 2008

By The JOURNAL of COMMERCE ONLINE

California Aims to Slash Port Pollution

Southern California
“Clean Truck Program”
Technology Employed

- Drayage Truck Registry
- RFID Tags on 16,800 Trucks
- EDI with Marine Terminal Operators
- Tag Fulfillment and Testing Center

Southern California
“Clean Truck Program”
Benefits Realized

- **Pollution has been reduced**
- **Truck velocity maintained**
- **Low cost through cooperative actions**

Southern California “Clean Truck Program” Projecting the Future

- Similar pressures in other ports
 - Dupin Chris. “Clean port campaign moves east.”
American Shipper May 2009: 46-47
- Transition from landlord ports to “caretaker” ports
- Low cost through cooperative actions

Who We Are (www.palazzoassociates.com)

- Financial, operations and tech experts
- Working exclusively in:
- Transportation and logistics industries
- Sister companies for service delivery:
 - MetriTech (including tag center operations)
 - TrucFlo (www.trucflo.com) for new Fed regs.

Who We Are **(www.palazzoassociates.com)**

Clients include:

APL

Foss and Young Bros. (Hawaii)-Marine Resources Group

Matson Navigation and Matson Terminals Corporation

Pacific Maritime Association (PMA)

PierPASS, Inc.

Port of Oakland

Marine Terminals Corp. (now Ports America)