



PierPASS:

*Solving port related truck
congestion
at the Ports of Los Angeles
and Long Beach*

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Agenda

- Southern California's port challenge – the problem they are trying to solve
- What is PierPASS?
- How does it work?
- What are the results?
- Why is PierPASS significant?



Southern California's Freight Challenge

- Los Angeles and Long Beach are one of the nation's largest port complexes
 - 40 percent of U.S. imports
- Traffic congestion is the worst in the nation
 - Los Angeles – Long Beach – Santa Ana ranks first in traveler delays among very large urban areas
 - Riverside – San Bernardino ranks first among large urban areas

PierPASS Overview

Port-Related Problems:



Congestion



Pollution



Capacity Constraints

Innovative Solution:

- **Traffic mitigation fee to pay for extended hours of port operations**
- **Use peak-hour fee to shift truck traffic to new off-peak hours 6 pm to 3 am Monday-Friday**



What is PierPASS?

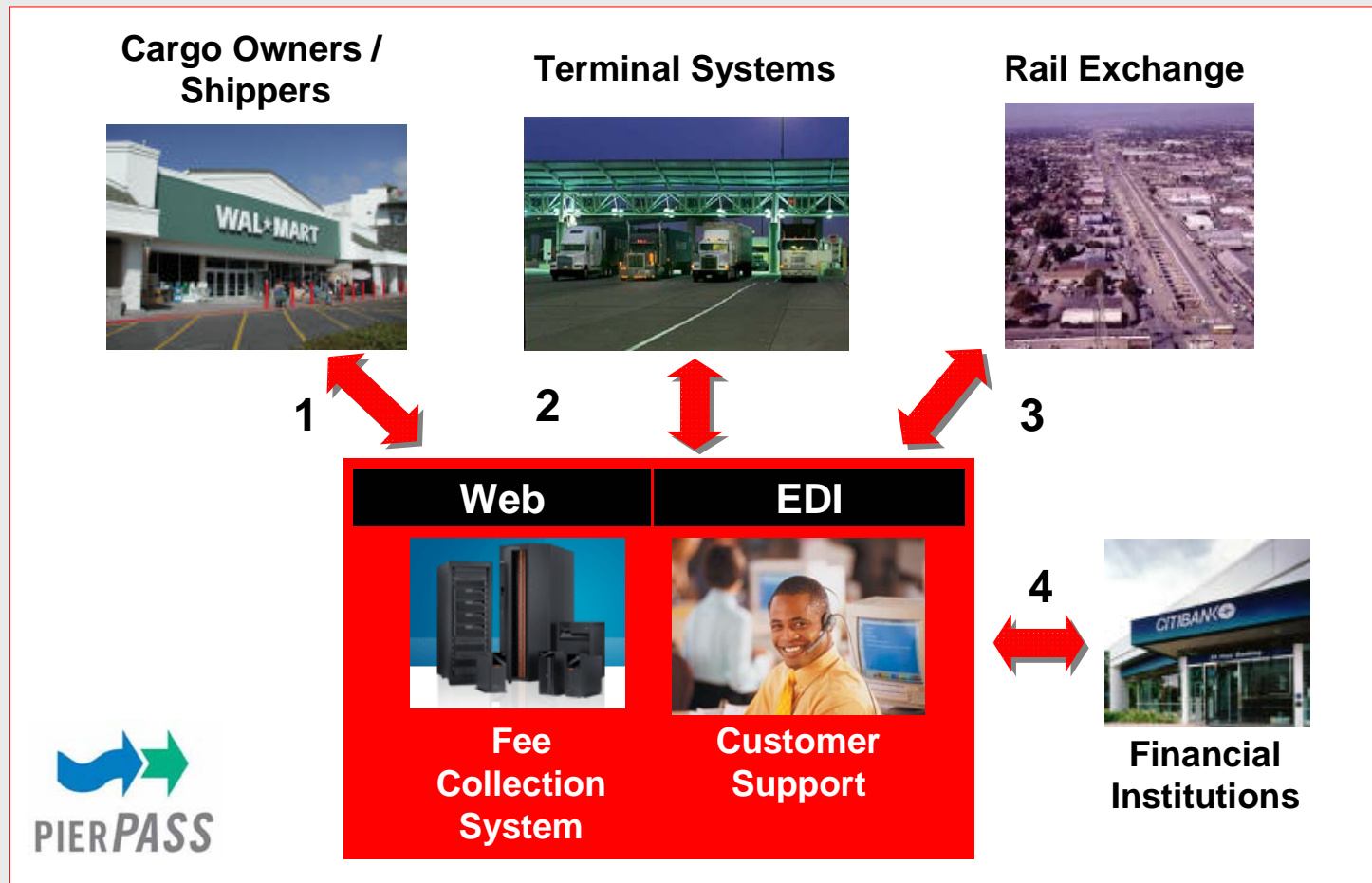
- PierPASS is a not-for-profit organization created in 2004 by marine terminal operators operating in the Ports of Los Angeles and Long Beach
- The PierPASS charter is to reduce congestion and improve air quality in and around the port region



What is OffPeak?

- OffPeak is the off-peak hours program created by PierPASS
- Provides an incentive for cargo owners to move cargo by truck at night and on weekends
- Traffic mitigation fees are charged for container moves by truck during designated peak hours – 3:00 AM to 6:00 PM Monday through Friday
- Fees are waived for truck moves during non-peak hours and for rail moves

How Does OffPeak Work?



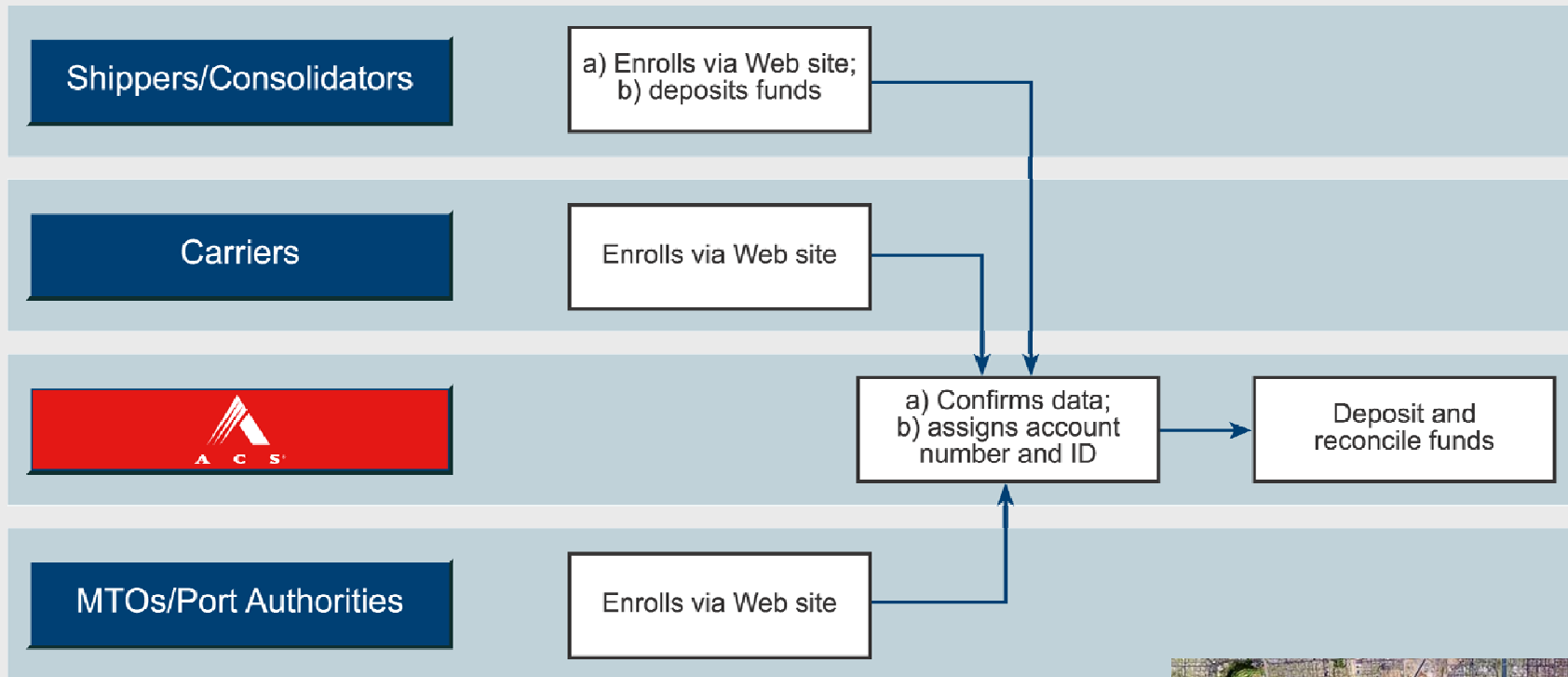
1. Shippers enroll on www.pierpass.org

2. Terminal systems feed database; shippers identify their containers

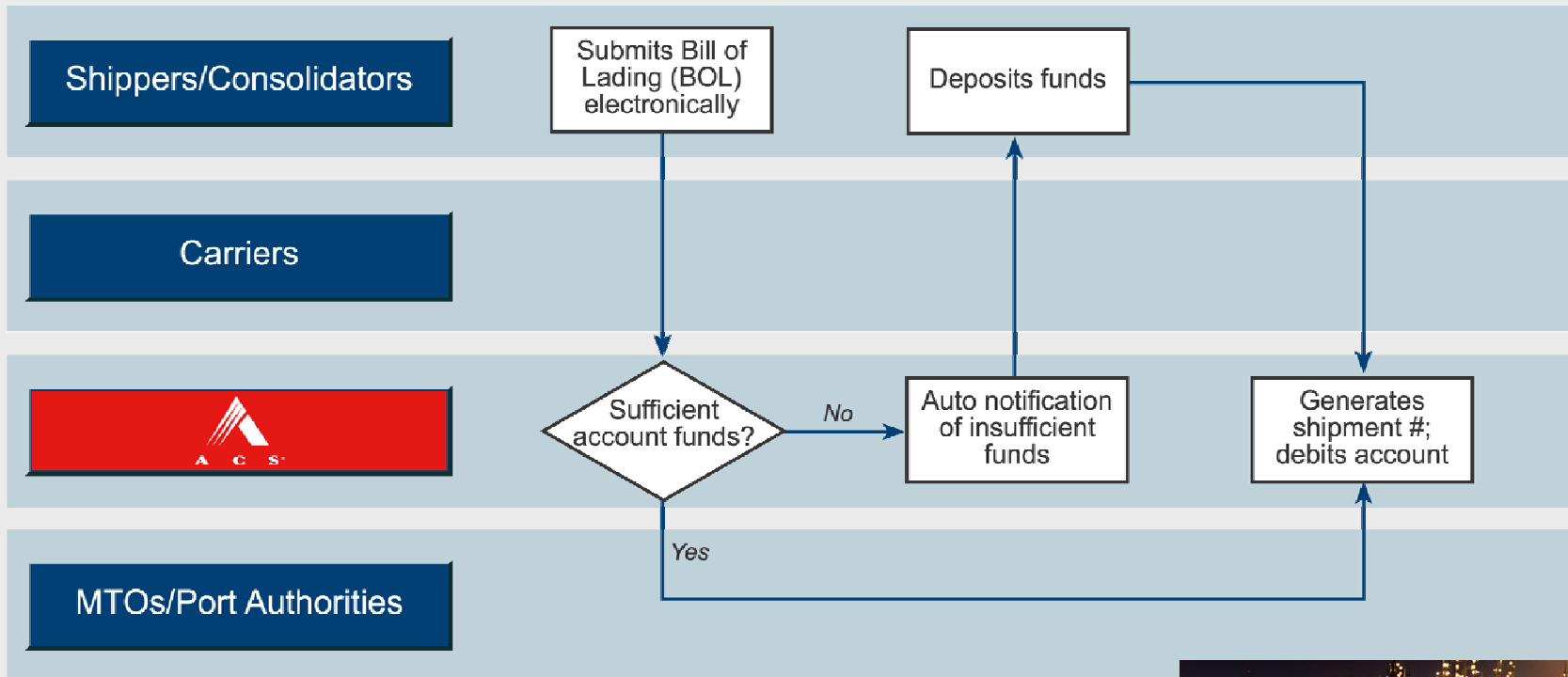
3. Determine if exempt, otherwise collect from cargo owner \$50/TEU for peak traffic

4. Disburse revenue to MTOs for off-peak labor

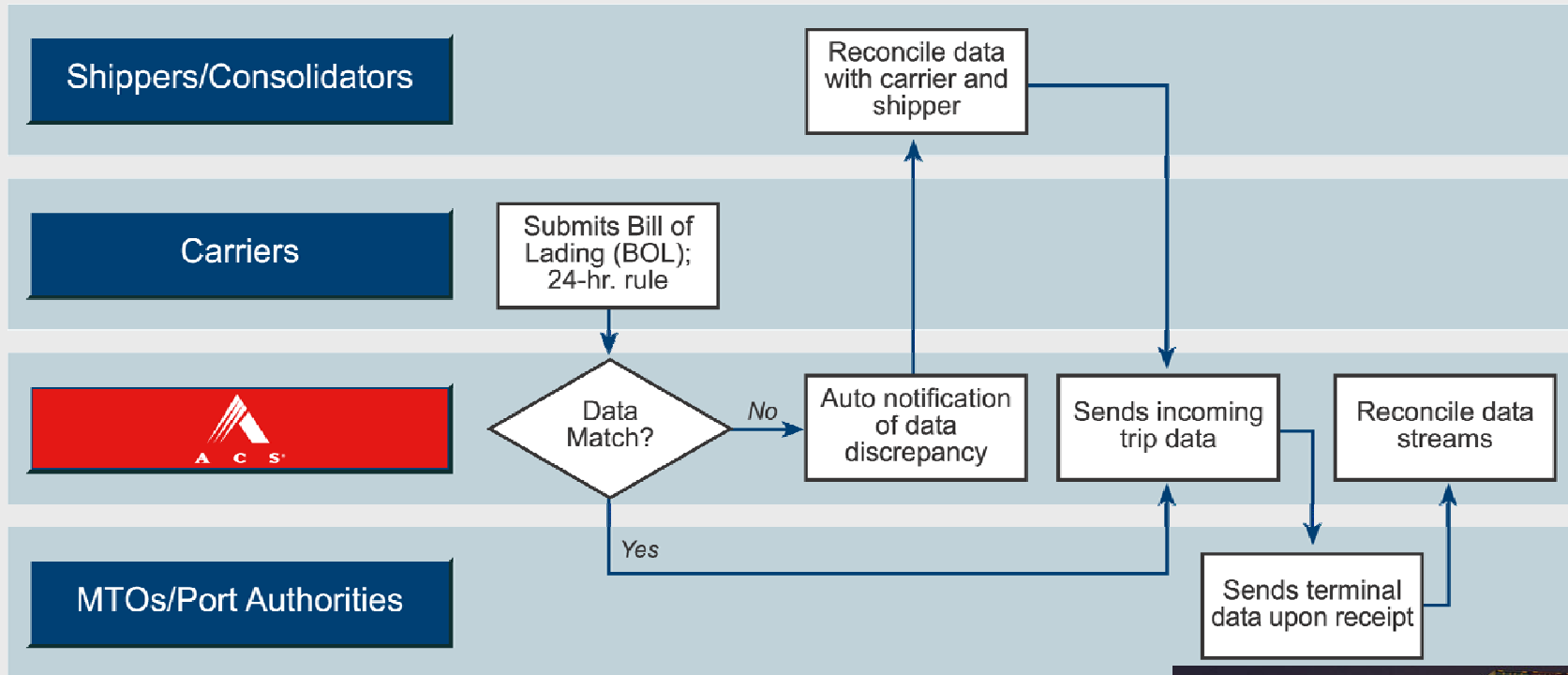
Step 1: Customer Enrollment



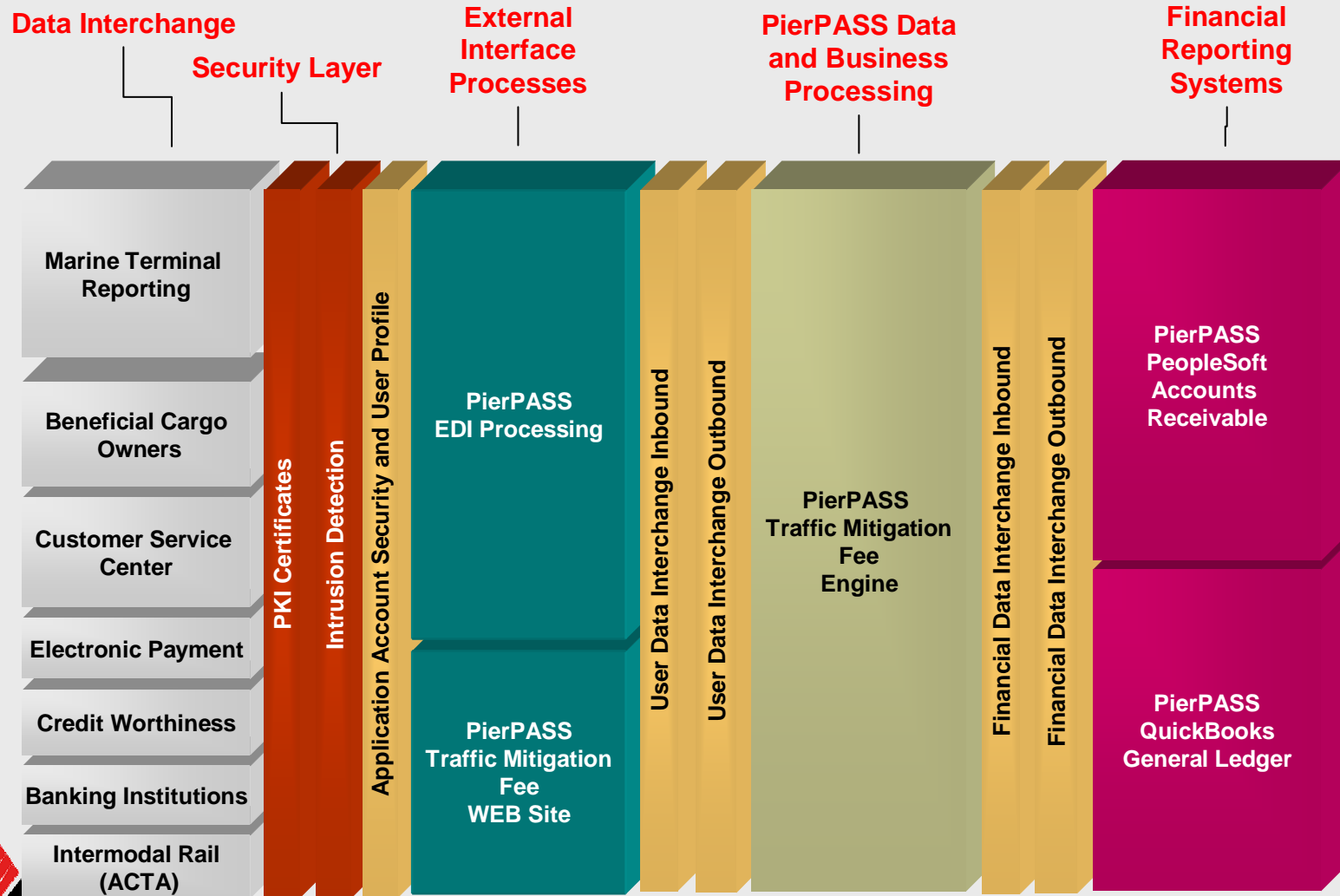
Step 2: Cargo Data Submission



Step 3: Trip & Terminal Data Submission



System Architecture



Operational Statistics

- 14,000 customers with active accounts
- 13 marine terminal operators have container and gate activity data interface via EDI
- 100,000 EDI transactions are processed per day
- 31,200 containers are processed per day
- \$2.7 million in traffic mitigation fees collected per week
- Fees collected via invoice (60%), credit card (35%), and e-check (5%)
- 300+ new jobs supported at night



It's Beating Expectations

- Two-year goal of 20% reduction in congestion achieved in two months
- 35% of daily container traffic now moves in off-peak hours
- More than 10,000 trucks a day during typical off-peak shift
- Peak-hour traffic on the 710 freeway down 24% (independent study)

Why is PierPASS Significant?

- ▶ Private sector solution to a public problem
- ▶ Technology based fee collection system
- ▶ Supported by the shippers and unions
- ▶ Reduced truck idling and pollution
- ▶ Natural linkage with RFID/GPS tracking and biometric IDs programs

