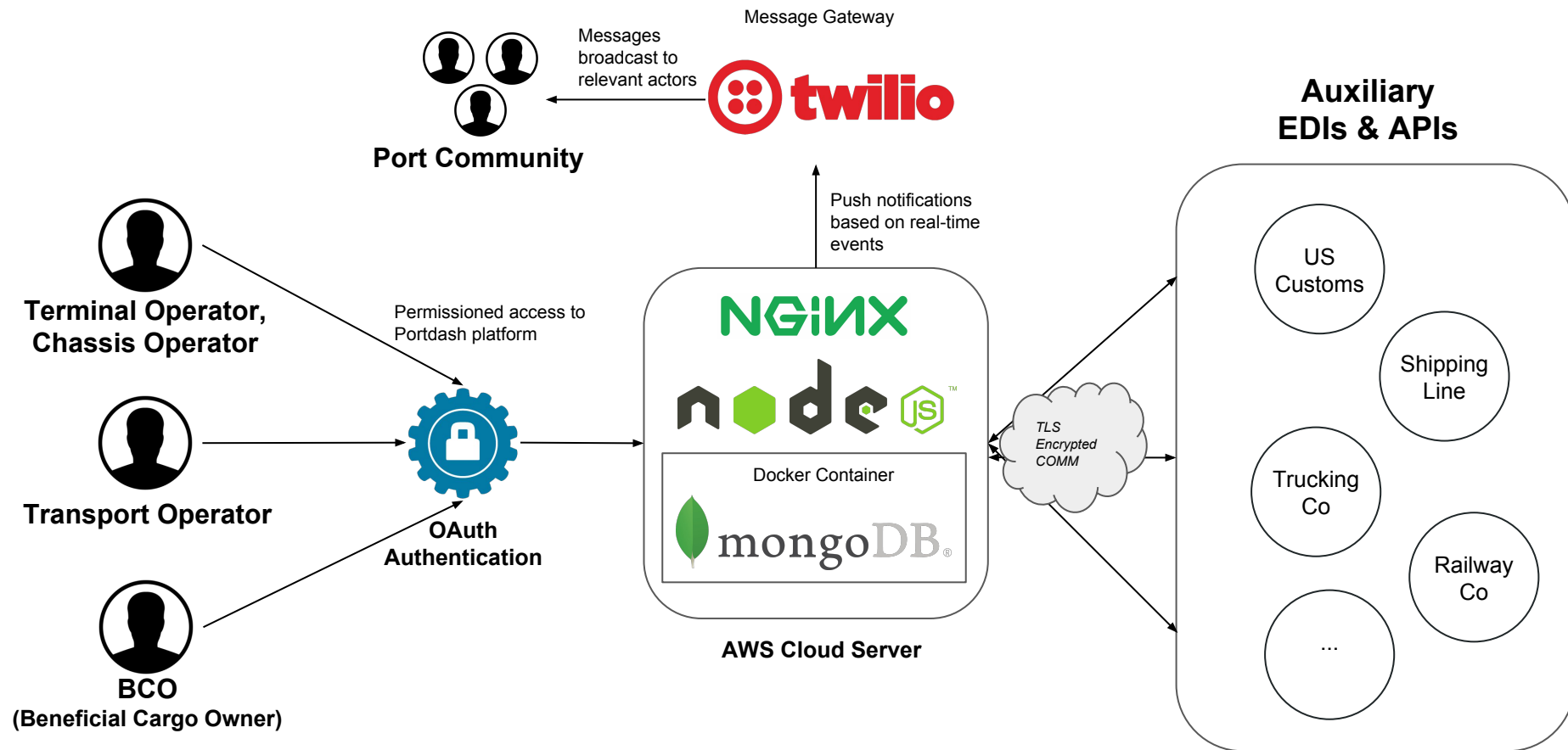# PORTDASH

Kanban for Ports

# Problem

- Ports face growing challenges in keeping containers flowing through the supply chain efficiently
- Most systems are data silos that inhibit data sharing and collaboration
- Existing solutions are antiquated, have a poor user experience & run on slow/decaying technology

# Solution

- Data-centric design allows for seamless end to end data sharing and visibility
- Permission-first approach ensures correct data access to relevant actors
- Preemptive notifications of anomalies allow for just-in-time context
- Fault-tolerant, highly-scalable, real-time robust technology

# Technology Overview

# Security

- OAuth Authentication model alleviates credential storage liabilities
- Auto Scaling capabilities to minimize system downtime
- Data resides on redundant systems, continuously backed by Amazon Web Services (AWS): 99.95% uptime
- Protection against DDOS & malicious attacks using Cloudflare CDN

# Business Model

- Open source free platform that can be used by all and distributed freely
- We sell professional services such as training, technical support, or consulting
- Benefits: battle-tested & publicly audited security, very fast vulnerability patching, higher level of quality, customizability/pluggability, interoperability, extremely low cost (free!)

# Distribution Model

- Platform allows for port-specific customization & white-labeling options to incentivize early adoption
- Develop standardized data elements and protocols
- Build awareness of the benefits of adoption through content marketing & partnerships

# Next Steps

- Integrate with existing mainstream Supply Chain systems via EDI SDK to harvest data
- Build initial Beta version of platform
- Build early adopter customer list for private Beta testing
- Execute on distribution model playbook



**GPU GT1 (Bill of Lading #7761371507)**

**Information**

Vessel Name: Chamber of Secrets
Agent Voyage #: 2W
ATA: 7/5/16
Arriving Port & Terminal: Los Angeles - Wilmington Terminal

**History**

🚩 1 day ago
**Delivered**

⊙ 2 days ago
**Loading cargo**

✓ 2 days ago
**Passed Customs**

⊖ 3 days ago
**Customs delay - contact USCPB**

📦 4 days ago
**Containers successfully unloaded**

📍 5 days ago
**Arrived at Port of Los Angeles**

🏠 30 days ago
**Departed Port of Hong Kong**

# THANK YOU!

PORTDASH.IO