



Advent **Modal** Overview





eModal

Used by
OVER 80
port, terminal and
ocean carrier users



Active in
EVERY
US port complex



OVER 200
container
depots
worldwide



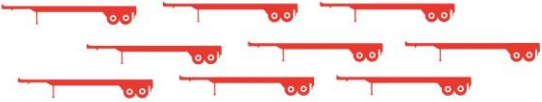
Over **160,000**
REGISTERED USERS

**\$ OVER A
QUARTER
BILLION**
in annual online fee payments



OVER 200M
monthly container
cargo transactions

Over **600,000**
registered intermodal
CHASSIS



90% of booked terminal
appointments, representing
37% of North American
container volume



Over **43K**
registered motor carriers and
670K trucks in the eModal
Drayage Truck Registry



**80% OF NORTH AMERICAN
MARINE CONTAINERS**
entered into the eModal watchlist



Port Manager



Intermodal Manager
Rail & Depot



Cargo Visibility



PreGate
Appointments
PreAdvice



Fee Manager



DTR
Truck, RFID & Chassis
Registry



Terminal Services



Equipment Manager
Chassis.com



Dray Exchange



Dispatch Manager



Empty Manager
Street Turns



Depot Manager



eModal Data Services



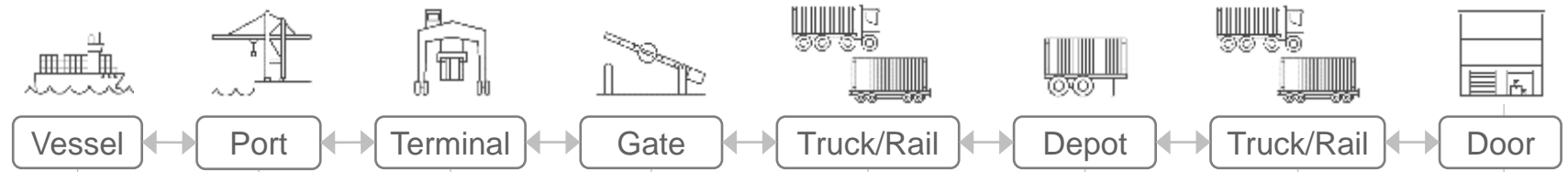
Marine Highway
Barge



Marine Exchange
Wharfage / BLB



eModal solutions across the container lifecycle



- Truck Registry
- Cargo Visibility
- Appointments
- Fee Collections
- Terminal Services

eModal® Community Portal (eCP)
 API enabled Port & Terminal Stakeholder Connectivity & Optimization

Drayage Truck Registry, RFID & Compliance Programs

Container Watchlist : Import Availability, Export Booking Management

Timed Appointments | Pre-Advice Notifications to speed gate operations

Online Fee Collections (Port, Terminal, Drayage, Chassis Rental) | Order to Cash

Free Flow | Empty Returns | Vessel Schedules | Chassis/Trucker Check

- Dray Exchange
- Dispatch Manager
- Depot Manager
- Equipment Manager

eModal® Landside
 Intermodal Traffic Control for Landside Visibility, Execution, Billing & Collections

Establishing an Exchange of Intermodal Services Between Trading Partners & Providers

Dray Relay (Depot /Rail / Crosstown) | Flexible Truck Dispatch & Driver Assignment

Automated Depot Management | Gate, Yard, M&R

Chassis.com Provisioning | Pool Management | M&R Management

Platform features: eModal Data Services (eDS) API | Mobile Capable | PortCheck (white label) | Billing & Collections



North American eModal Port Deployments	eModal Community Portal (eCP or Port Manager)	PreGate Pre-Advice & Appointments	Fee Manager	DTR Drayage Truck Registry / TruckerCheck	eModal Data Services (eDS) Cargo Status
WEST COAST					
Los Angeles	X	X	X	X	X
Long Beach	X	X	X	X	X
Oakland	X	X	X	X	X
NWSA – Seattle	X	X	X	X	X
NWSA – Tacoma	X	X	X	X	X
EAST COAST					
Massport – Boston	X				X
NY-NJ	PortTruckPass	X	X	X	X
Philadelphia	X		X	X	X
Baltimore			X	X	X
Virginia	ProPass	X	X	X	X
South Carolina	GO!Port	X	X	X	X
Jacksonville	X	X	X		X
Miami	X		X	X	X
Ft. Lauderdale	X	X	X		X

Market activity beyond North America includes: Hawaii, Puerto Rico, Panama, Chile, United Kingdom & Australia



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Key customers



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Market approach



- Common SaaS platform with unlimited apps
- Standards for app development by any party across the entire intermodal supply chain
- Subscription based
- Single sign on across all apps
- Shared container watchlist across apps
- Order to cash management
- Custom branded private label options
- Mix, choose, develop your solution



Vision

Market leading technology platform connecting multi-modal stakeholders

Focus

Solutions to remove friction at every point of intermodal equipment interchange

Outcomes

- Speed laden container movement
- Optimize equipment utilization
- Maximize financial returns

Platform offering

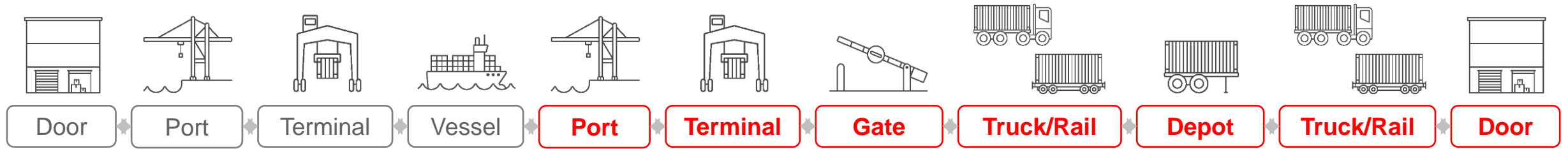
- One Platform – Many Apps
 - Executional tools
 - Payment processing
 - Cargo visibility
 - Data enabled business intelligence
- APIs to connect stakeholder system

Growth Focus

- **Solidify & build upon the Port Community position of strength**
- **Extend the landside reach to users who are not customers** [Inland intermodal operations & equipment management]
- **Expand FinTech & order to cash processing for ocean, motor & rail carriers, shippers & 3PLs**



Growth priorities



- 1) Solidify & build upon the Port Community position of strength
- 2) Extend landside to inland intermodal operations
- 3) Build upon FinTech offerings with order to cash processing for ocean, motor & rail carriers, shippers & 3PLs



Problems we solve...

Visibility

- Real time access to on-terminal cargo status
- Ongoing status events throughout the intermodal container lifecycle
- Open, common platform & data sharing clearing-house
- API access to executional data feeding legacy TMS systems
- Digitization & access to pertinent load documentation

Execution

- Terminal & depot pre-advice/appointments to speed cargo and gate flow
- Landside Ops management (drayage & depot automation, final mile confirmations)
- Fee management, processing & collections (order to cash)
- Driver, truck, chassis & RFID registration & program management
- Chassis pool management & IEP FMCSA regulatory compliance
- Maintenance & repair – Equipment, vendor management, order to cash execution

Optimization

- Appointment system configuration to service trucks based on yard block, stack & move type capacity
- Advanced in-gate truck mission information flows to automate terminal & dispatch activities
- Automated advanced truck appointment setting for dispatch efficiency
- Coordination of terminal, drayage dispatch, depot, 3PL & BCO info sharing
- Automated order to cash processing for drayage dispatch & driver settlements, as well as freight pay audit



About Advent eModal



- Established 1995, 140+ full-time employees
- Steady build from a custom software development partner to a global intermodal SaaS solution provider
- 2008 development of Chassis.com, equipment management and M&R apps
- 2012 merger with eModal, North America's largest intermodal port community portal
- Enterprise SaaS platform as primary focus
- Professional services / custom solutions division remains aggressively active





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