

A27

Improving Inbound Logistics at Fuels Terminals in the Age of Covid

Jay Tchakarov, VP Velostics, ChaiOne



# **Loading Process at Fuels Terminals**

### **CUSTOMER**



• Provides tank inventory levels and forecast



- Creates orders
- Dispatches orders to available drivers

## Challenges

Workflow

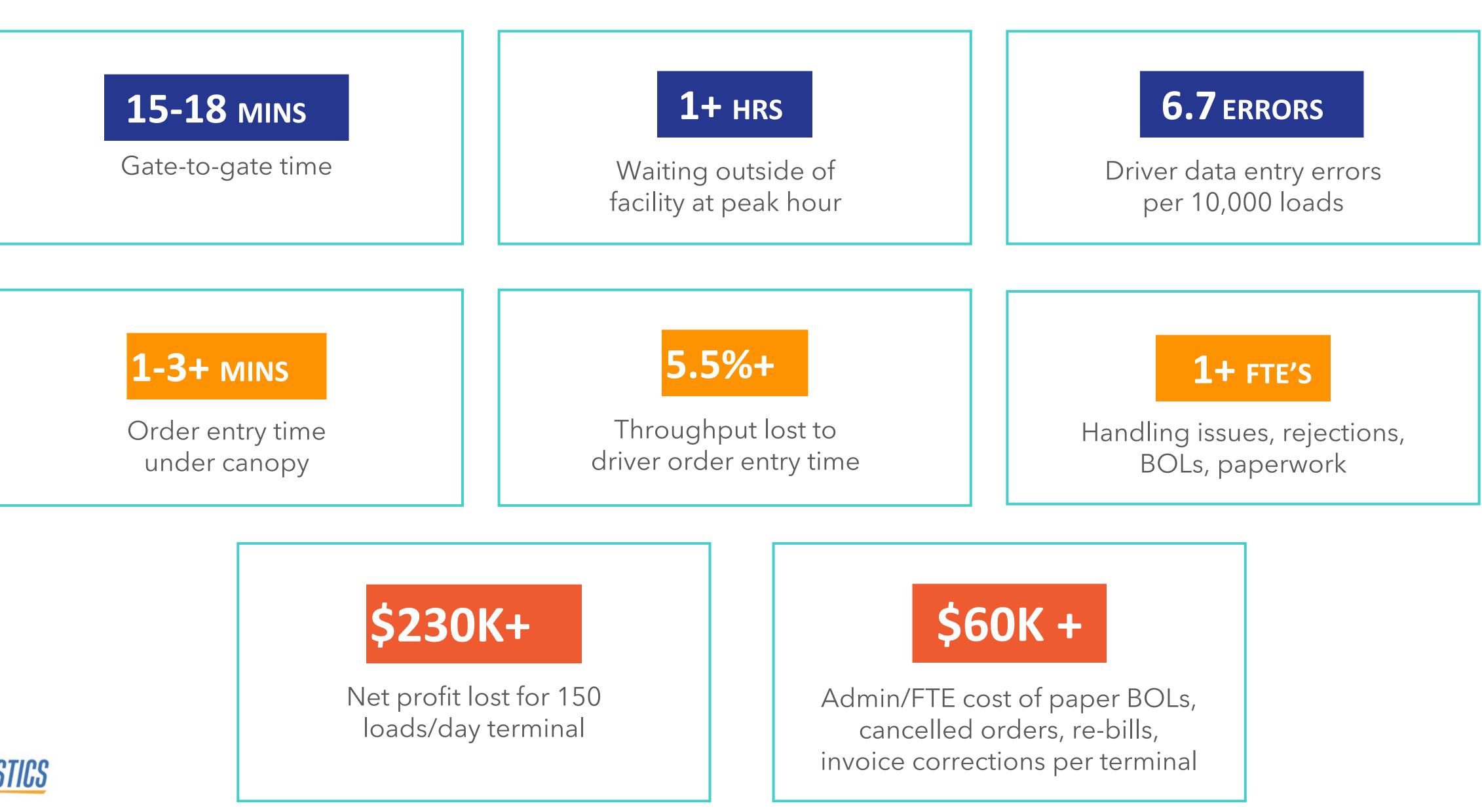
- at terminals

## VELOSTICS

• Long lines outside on city streets during peak hours



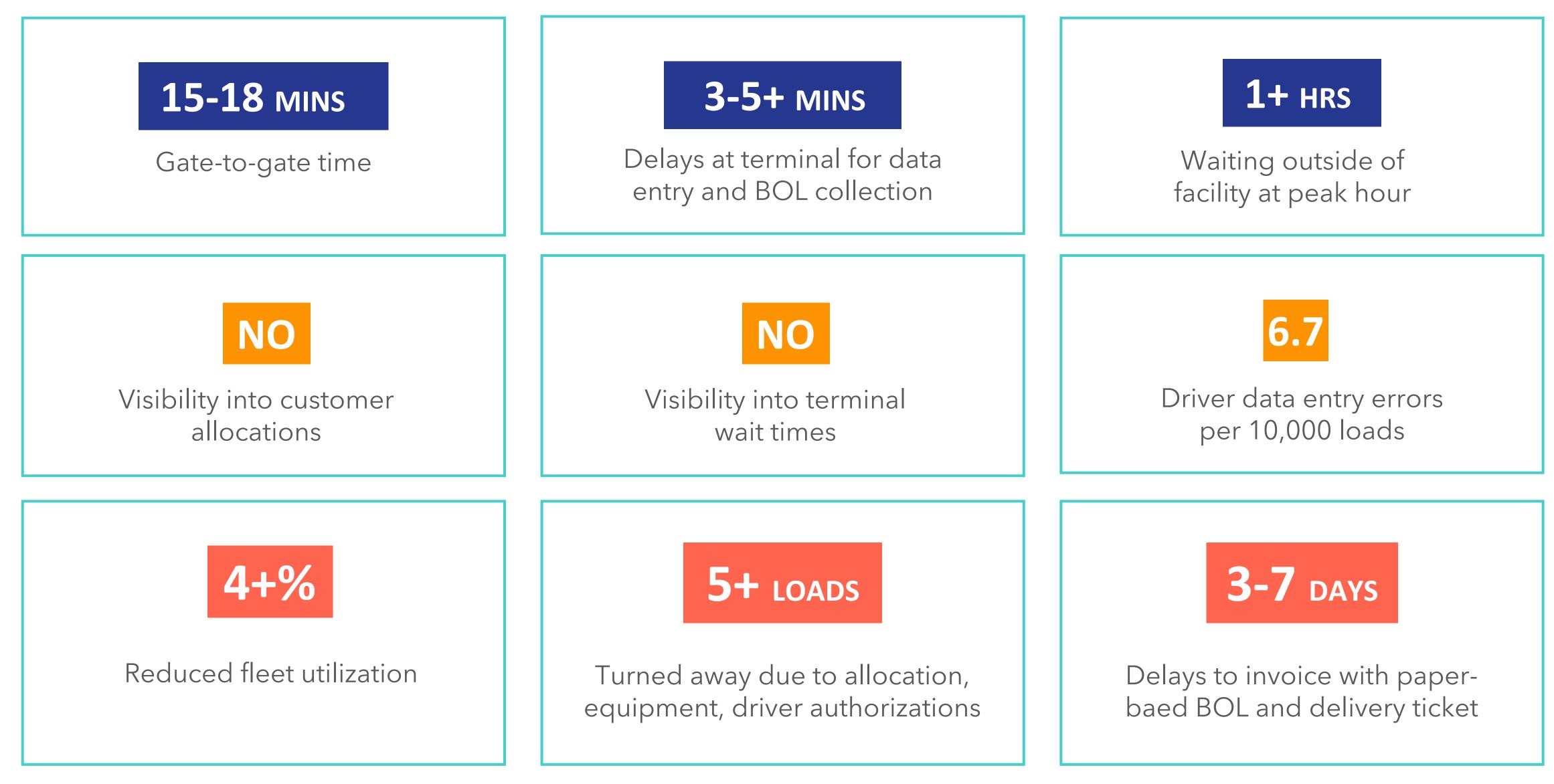
# **Impact on Terminals**







# Impact on Carriers







# Trends

Closer, contactless integration among business partners starting to catch up to the consumer world

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Rail

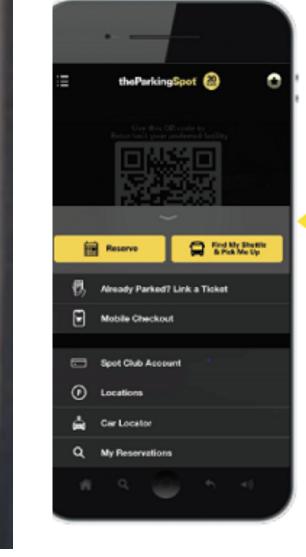


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Swipe up for Mobile Checkout on home screen

> Add payment method and check box to enable Fast Exit

Pro Tip: Enable email receipt, for a completely touchless experience





## Boarding Pass Experience for Terminals

Trucks arriving for loading and unloading at terminals can get loaded faster with QR codes. The same experience when boarding flights, now at a facility near you.

Velostics Pass QR code contains all information to create order instantaneously and contactlessly.



### Material Shipment #4357-242

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### 1 OnCue #135

Pickup:

□ □ □ 🛗 Today

300 Pennsylvania Ave

- Oklahoma City, Oklahoma, 77389
- 07/24/20 1:00 PM 4:55 PM CST

### **2** Texaco Express Lube

Delivery: 5100 N Rockwell Ave. Bethany, Oklahoma, 73008 07/24/20 5:00 PM – 8:00 PM CST



Manifest and Documents... See More

Scheduled

S Old



## **Scheduling and Executing Loads - Data Entry**



TASKS

\* Under Rack

\* Handled by TMS - (ex. DTN, TopTech)

\* Wizard interface with steps and entry to select and enter up to **14 header elements and 6 per line item**:

- Driver info and passcode

- Carrier, including carrier, truck, trailer numbers

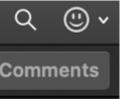
- Customer info, including BillTo, ShipTo, destination, PO, order number, contract

- Line items, including product codes, volumes, compartments

## **PIDX for Terminal Orders**

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If Additioal Hauiler Typ

### Agent/Driver

Driver License no Terminal Assigned Driv Account Driver Picking Driver Name - SMITH

Not Used Not used

License Plate # Fill in Any other Engine Currently not use in Exa

Fill in Sum of Containe Standard - 15/60 Degre Volume

Liters

### Covers:

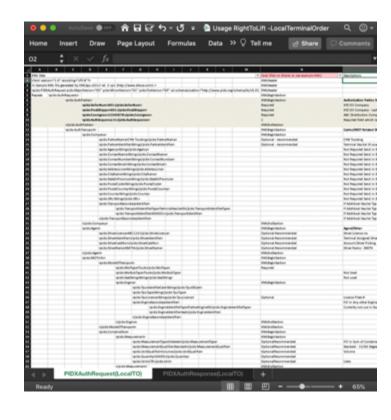
- Business partners
- Products

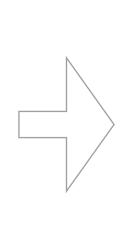
Does not cover:

- Equipment
- Does not include IDs and numbers that terminal understands

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## How do we support PIDX?





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	P0	Product Quantity							
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Receive PIDX order

Carrier TMS

Merge order with data from terminal management system (TMS) - terminal

Tie order and shipment data to QR generator based on location and supported format

Enrich with additional fields - end customer, ship-to, channel, etc.



Generate QR code with simplified code to save space

Share with drivers via text or app

Scan QR code at gate

Identify driver

Create order

Push order to TMS

Driver confirms order under rack

Load and go!





## **Velostics: Loading Flow for Terminals**



## **Benefits**

- Throughput increase (1+ minutes per truck)
- Error reduction
- Contactless check-In
- Driver and equipment certification checks at dispatch
- Supports existing flow for incremental adoption

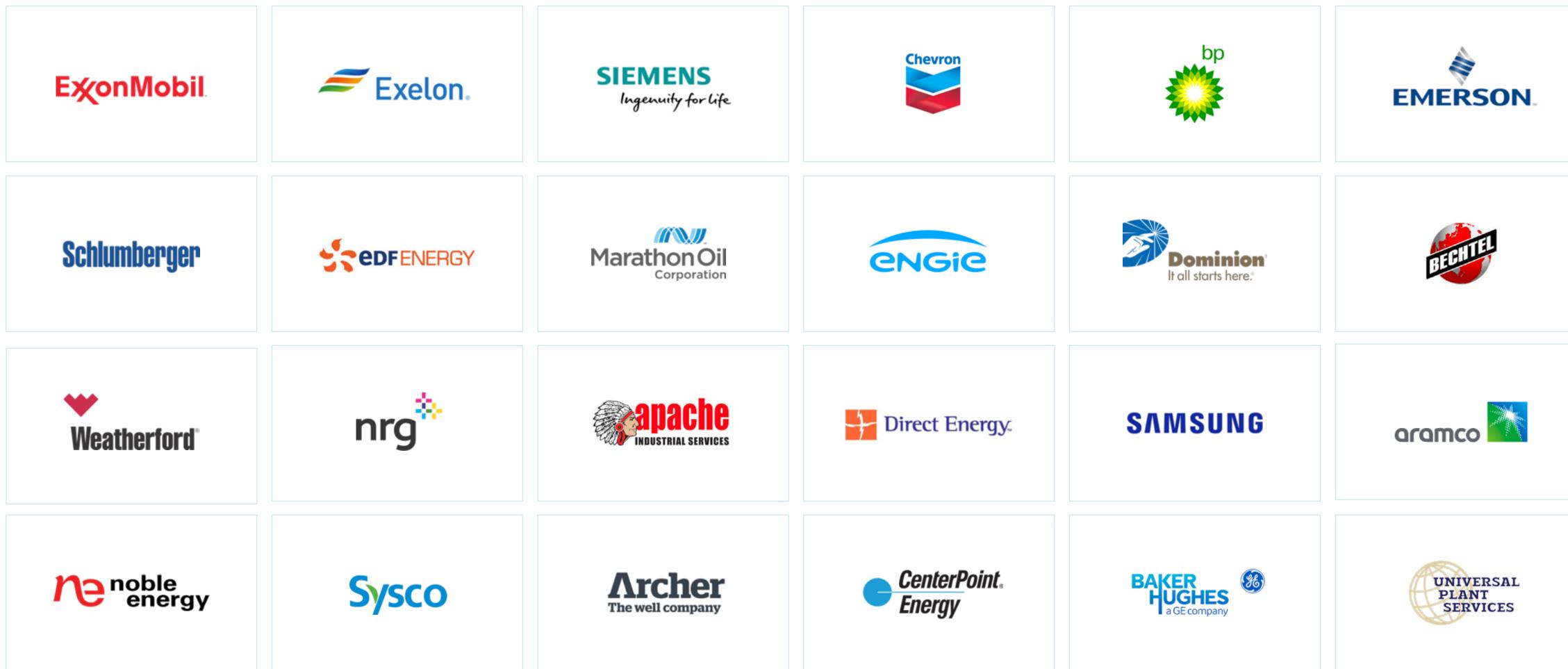
## **VELOSTICS**

# About Us





## **CHAIONE REPRESENTATIVE CUSTOMERS**







## Boarding Pass Experience for Logistics

Trucks arriving for loading and unloading at warehouses and terminals can get processed faster with QR codes. The same experience when boarding flights, now at a facility near you.



### Material Shipment #4357-242

### 1 OnCue #135

Pickup: 300 Pennsylvania Ave Oklahoma City, Oklahoma, 77389 07/24/20 1:00 PM – 4:55 PM CST

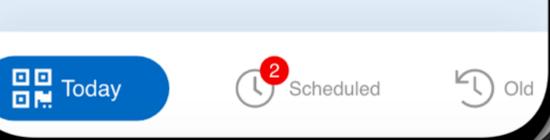
### **Texaco Express Lube**

### Delivery:

5100 N Rockwell Ave. Bethany, Oklahoma, 73008 07/24/20 5:00 PM – 8:00 PM CST



Manifest and Documents... See More











Account Settings

### Scheduling and Wait Times

Select Terminal

### Terminal

Shute Creek 1 O Hawkins ()

### Lifted vs Allotment/Plan

Current Month

16,000 / 42,000

Today: January 15, 2020 800 / 1,400

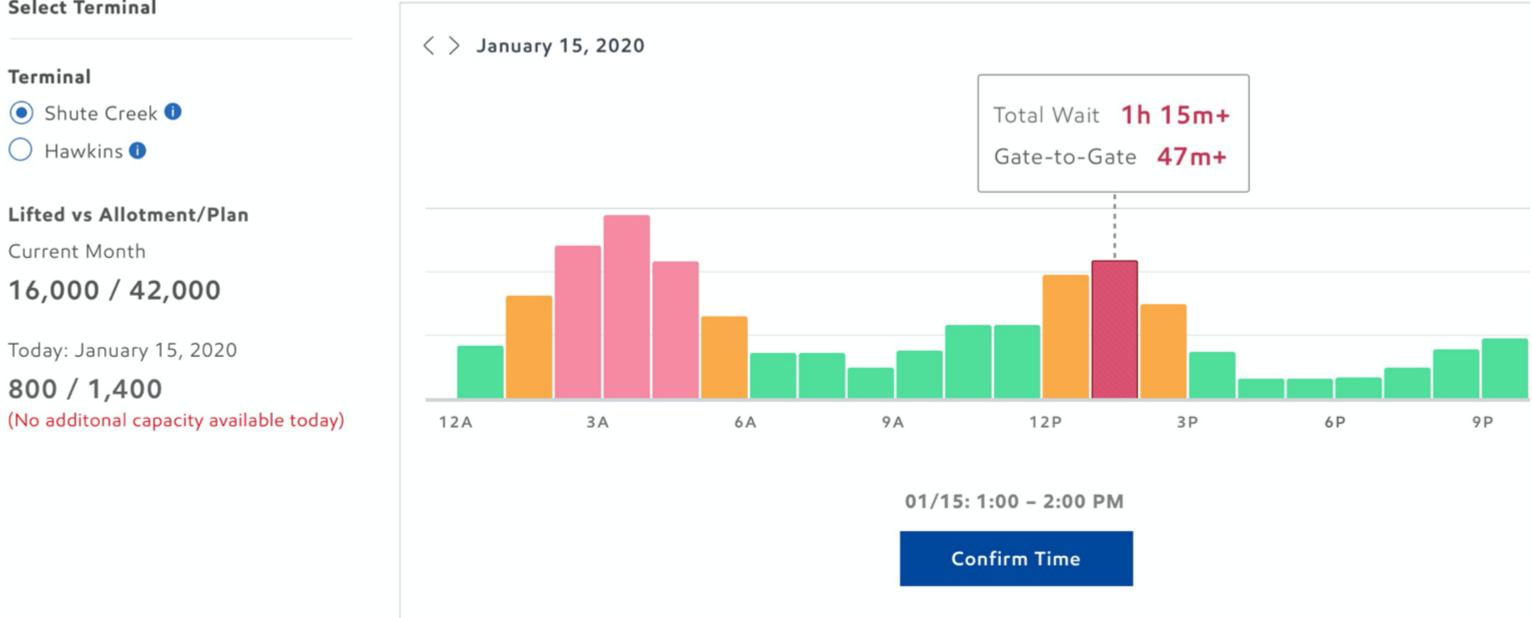


# Customer **Terminal View**

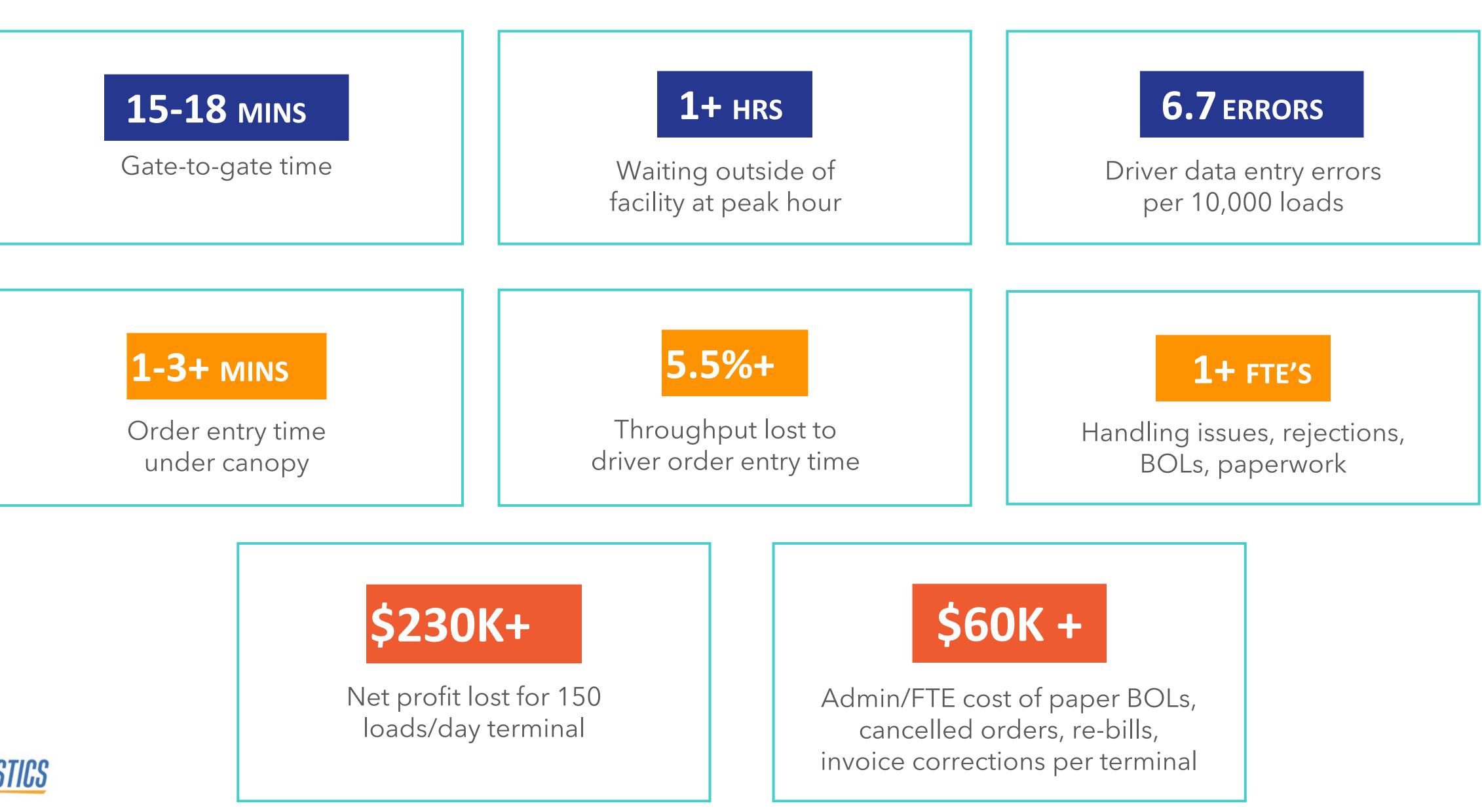
Easy to view terminal wait times, allocation status and product availability.







# **Impact on Terminals**





# velostics.com

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