DOT e-Ticketing for Concrete

Maryland Department of Transportation

State Highway Administration

Office of Construction

What is E-ticketing

- Provides a digital means to produce, transmit, and share materials data to track and verify materials deliveries.
- Benefits to E-ticketing includes:
  - Cost Effective
  - Easy to Use
  - Transparency
  - Improved Safety
  - Maximize Productivity
  - Minimize Delays
  - Reduce environmental impact
  - Centralized Date

Partnering with HAULHUB

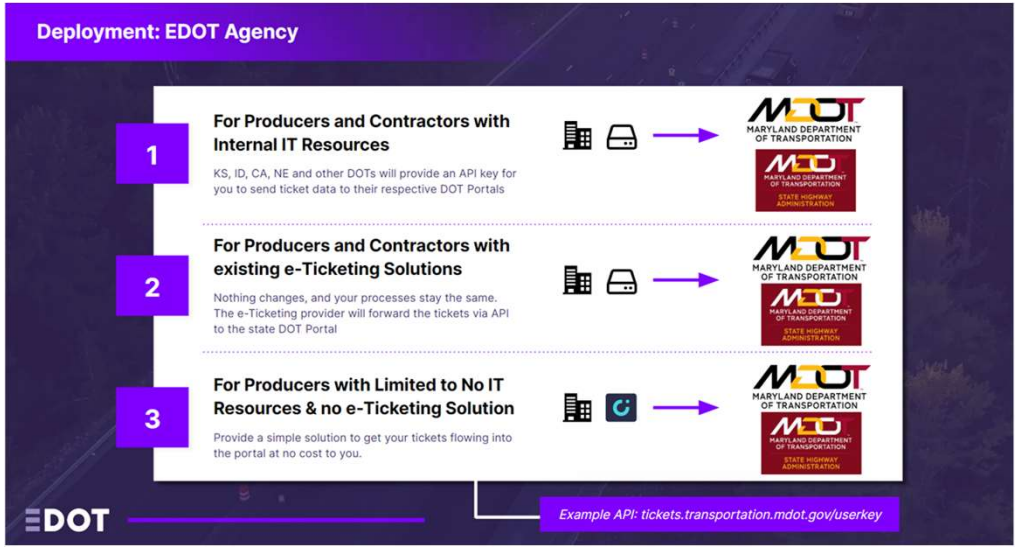
- Member of AASHTOWare Products and Service Catalog
- Any Point of Sale Vendor
- Asphalt, Concrete, and Aggregates

DOT e-ticketing: *JOBslip, SupplierCI, and DOT E-Ticketing

- JOBslip
  - Application for all your contractors that are on the job
- SupplierCI
  - Application for suppliers that are producing the material
- DOT E-Ticketing
  - Digital ticketing data sent from the producer's scale in real time

Connecting with supplier/producers current eTicketing Point of Sale Systems (POS)

- No additional cost to supplier
- HaulHub assists in configuring the interface to connect with MDOT Portal
- SupplierCI adapts to suppliers POS through an API through HaulHubs technical resources



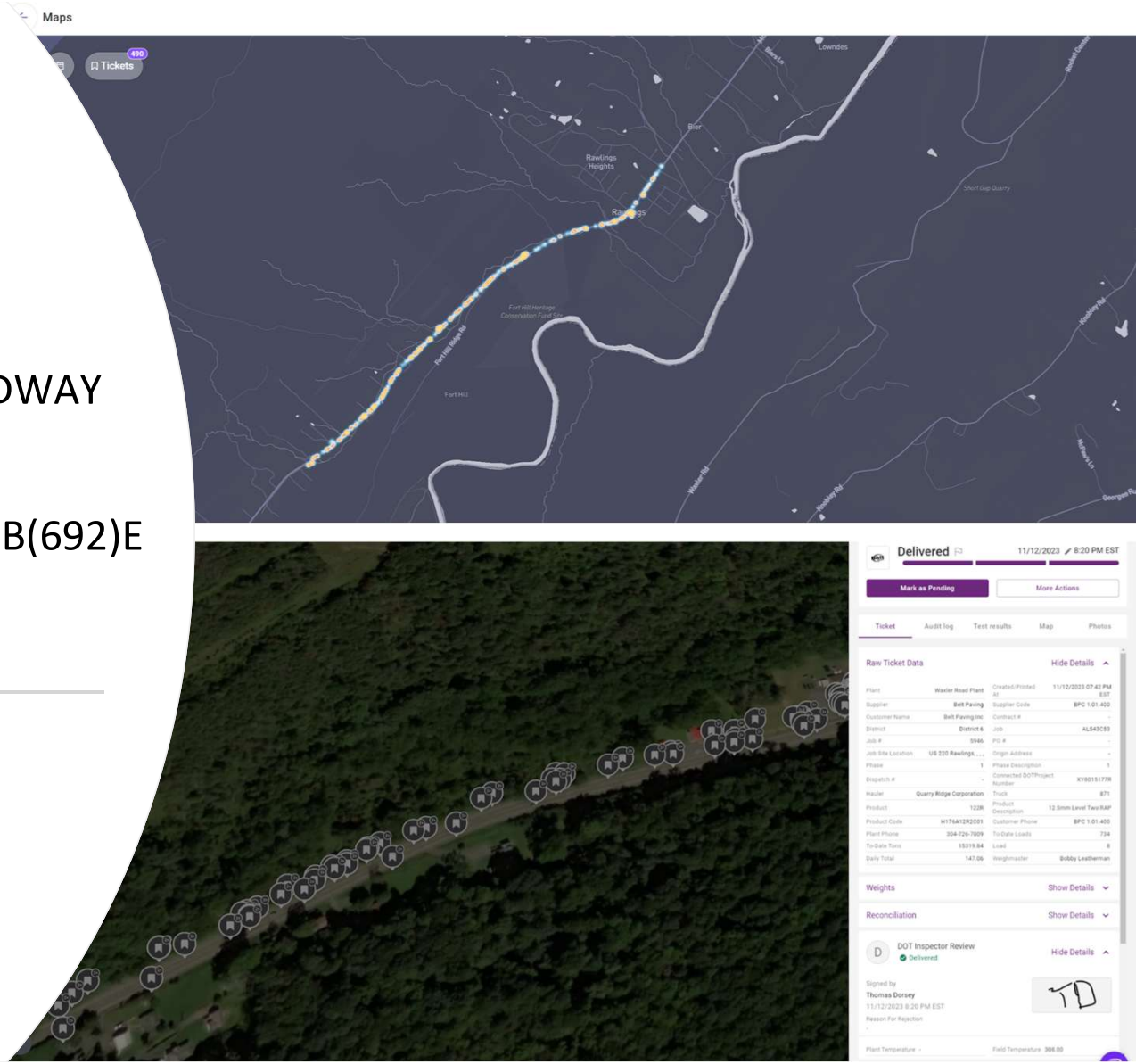
What does this mean for the contractors & how will they be involved using the solution

- JOBslip and DOT E-Ticketing are mirrored application
- MDOT Portal provided the contractor with complimentary access to the mobile app JOBSlip.
- Eliminates the need for paper filing
- It Keeps Everyone Safe
- No changes to workflow

State Project #: XY8015177R

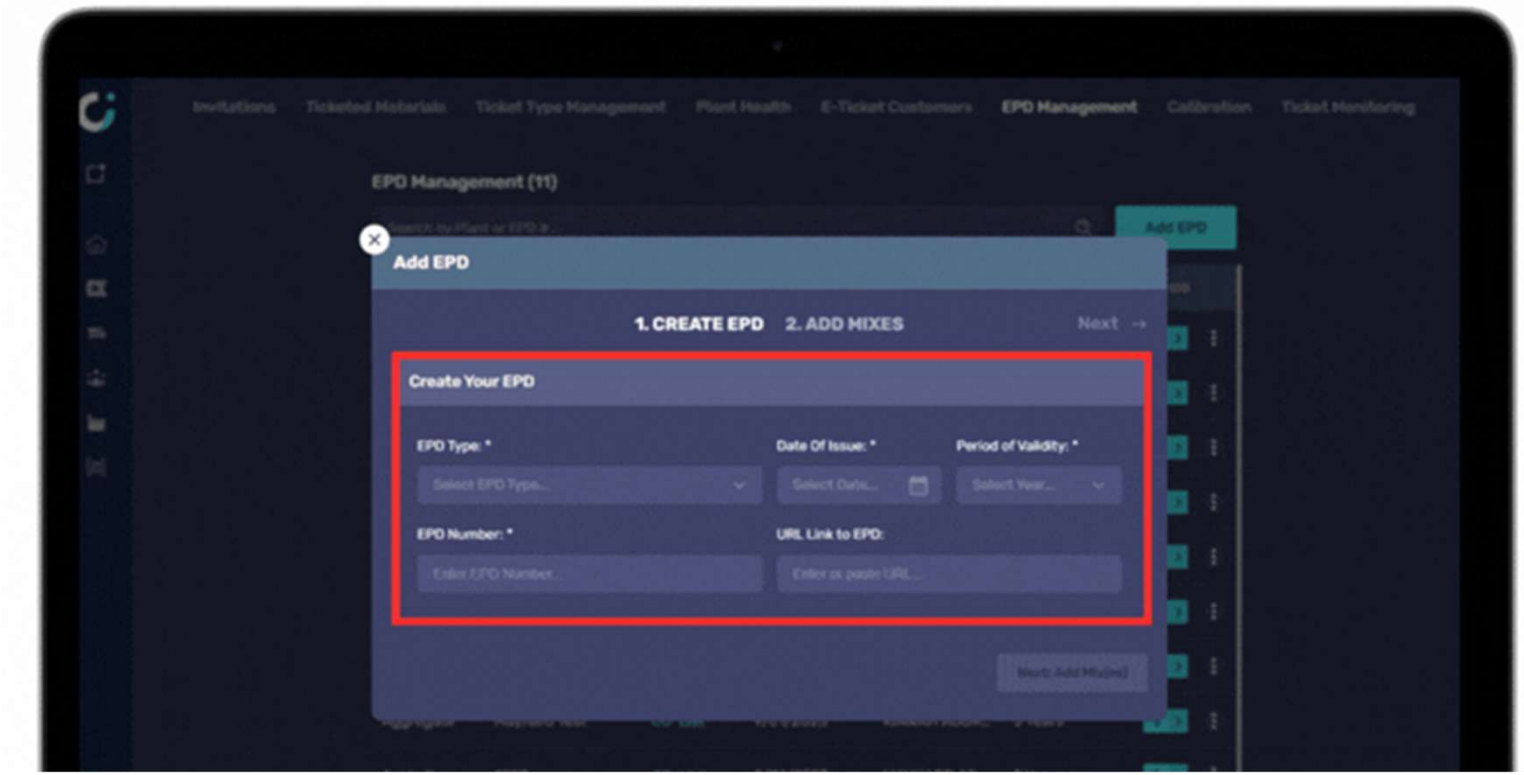
MILL, PATCH AND RESURFACE ROADWAY PAVEMENTS AT VA

Federal Project #: AC-STBG-NHPP-000B(692)E

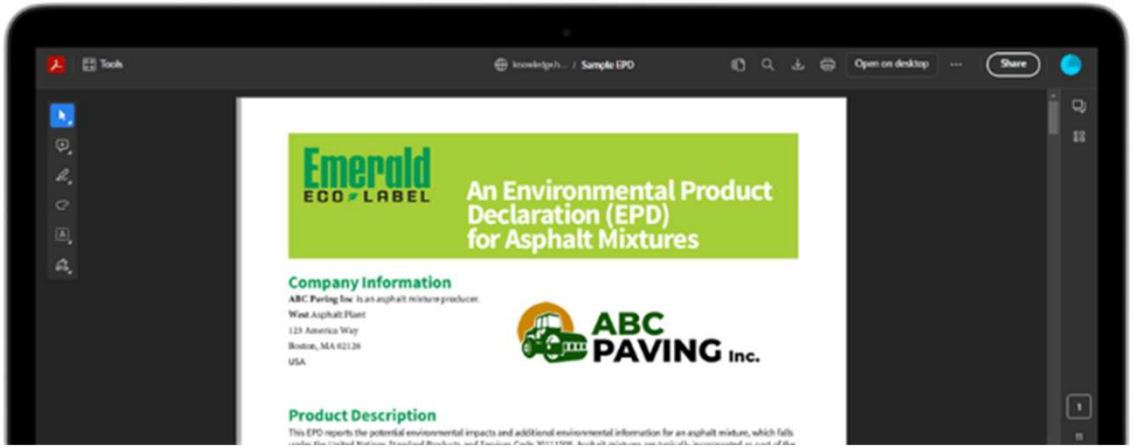


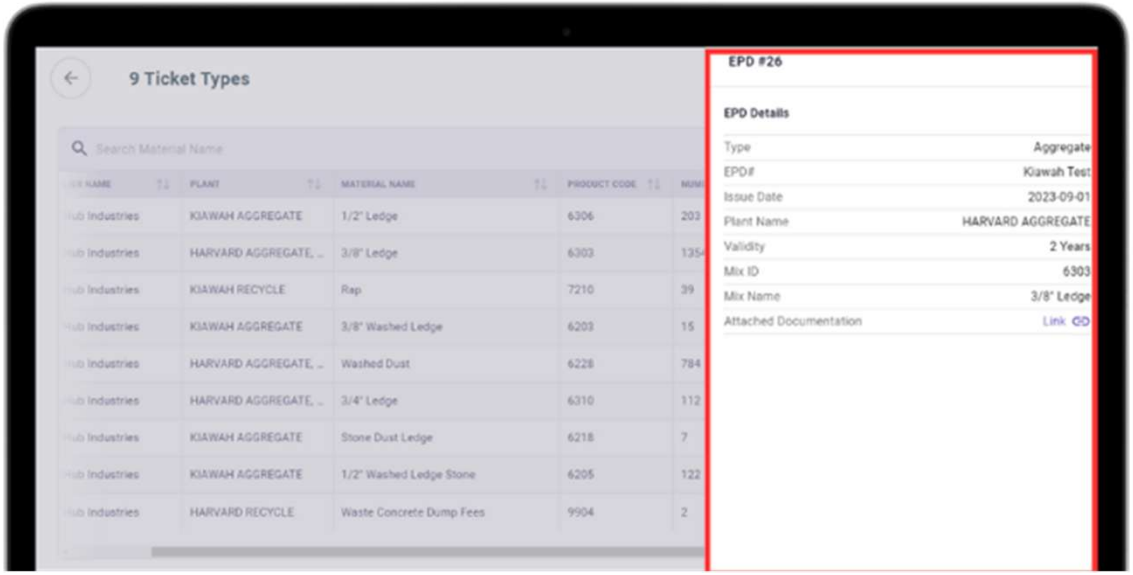
Environmental Product Declarations (EPDs)

Suppliers can manage Environmental Product Declarations (EPDs) in SupplierCI, enhancing your e-ticketing data with essential environmental information for specific materials. This feature ensures transparency and supports sustainable practices in the construction materials supply chain.



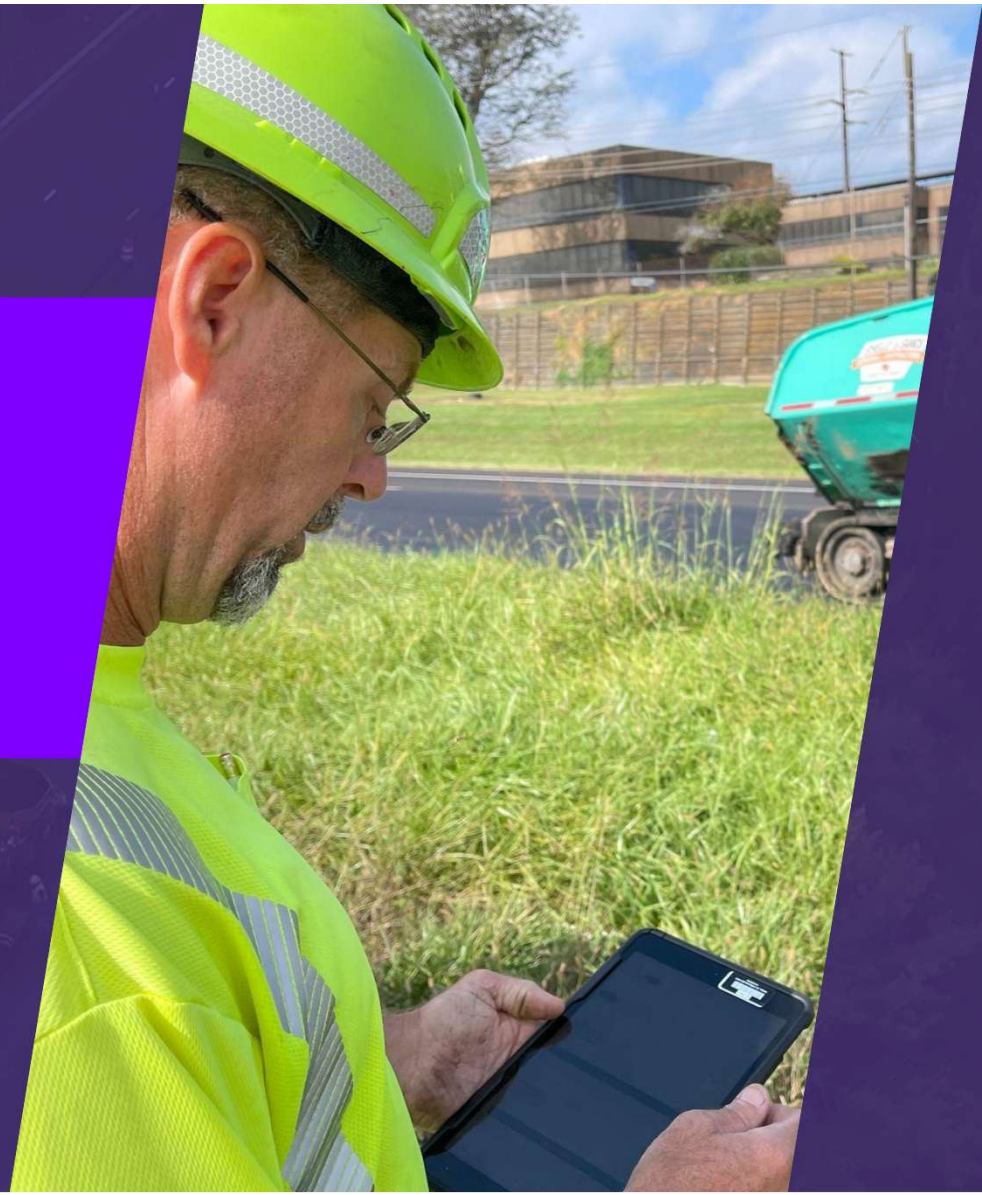
Environmental Product Declarations (EPDs)





You can easily access Environmental Product Declarations (EPDs) linked to your ticketed material types in the DOT eTicketing Web solution

What is HaulHub?



CDOT

EDOT
POWERED BY HAULHUB TECHNOLOGIES
www.e-dot.com
ARTBA
American Road & Transportation Builders Association
NSSGA
NATIONAL STONE, SAND & GRAVEL ASSOCIATION
AEM
Association of Equipment Manufacturers
MEMBER
AASHTO
AASHTOWare
ALLIANCE PROGRAM
AGC
THE CONSTRUCTION ASSOCIATION
NAPA
NATIONAL ASPHALT PAVEMENT ASSOCIATION
NRMCA
NATIONAL READY MIXED CONCRETE ASSOCIATION
MEMBER

Notable Milestones Across The Nation

April 2021

DelDOT Becomes the First to Deploy eTicketing at Scale

January 2022

Five More DOTs Embrace eTicketing Revolution

June 2022

Ten State Agencies Leap Forward with eTicketing

February 2023

15 Transportation Agencies Unveiling eTicketing Portals

May 2023

AASHTOware Alliance Announcement

June 2023

eTicketing Portal Rollouts Reaches 20 DOTs

July 2023

Half of the Nation's States Roll Out State-of-the-Art eTicketing Portal

January 2024

40 State Agencies utilize the HaulHub EDOT platform for eTicketing with 30 of those already announcing their commitment publicly

EDOT

Nationwide Momentum: At Breakneck Pace

1,580 +
Agency Projects
(01/24)

3,112 +
Supplier Plants
(01/24)

77,437,966 +
Total E-Tickets
(01/24)

A Sample of Our Agency Clients

Alabama ALDOT	**California** CalTrans	**City of Boston** Boston Transportation Dept.	**City of Chicago** CDOT
Delaware DELDOT	**Idaho** Idaho DOT	**Illinois Tollway** ISHTA	**Indiana** INDOT
Iowa Iowa DOT	**Kansas** KDOT	**Kentucky** KYTC	**Louisiana** LADOTD
Maine MDOT	**Maryland** Maryland DOT	**Massachusetts** MASSDOT	**Nebraska** Nebraska DOT
North Dakota NDDOT	**Ohio** ODOT	**Oklahoma** ODOT	**Pennsylvania** PENNDOT
Rhode Island RIDOT	**Tennessee** TDOT	**Vermont** VTRANS	**Virginia** VDOT
West Virginia WVDOT	**Wisconsin** WisDOT		

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Getting Connected

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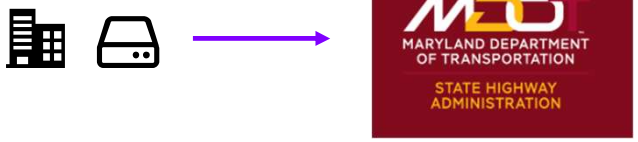
Deployment: EDOT Agency

1

For Producers and Contractors with Internal IT Resources

An API key will be provided for suppliers to send ticket data to their respective state(s) EDOT Portal in HaulHub



2

For Producers and Contractors with existing e-Ticketing Solutions

Nothing changes, and your processes stay the same. The e-Ticketing provider will forward the tickets via API to the state(s) EDOT Portal in HaulHub

3

For Producers with Limited to No IT Resources & no e-Ticketing Solution

Provide a simple solution to get your tickets flowing into the portal at no cost to you.

Example API: tickets.transportation.mdot.gov/userkey

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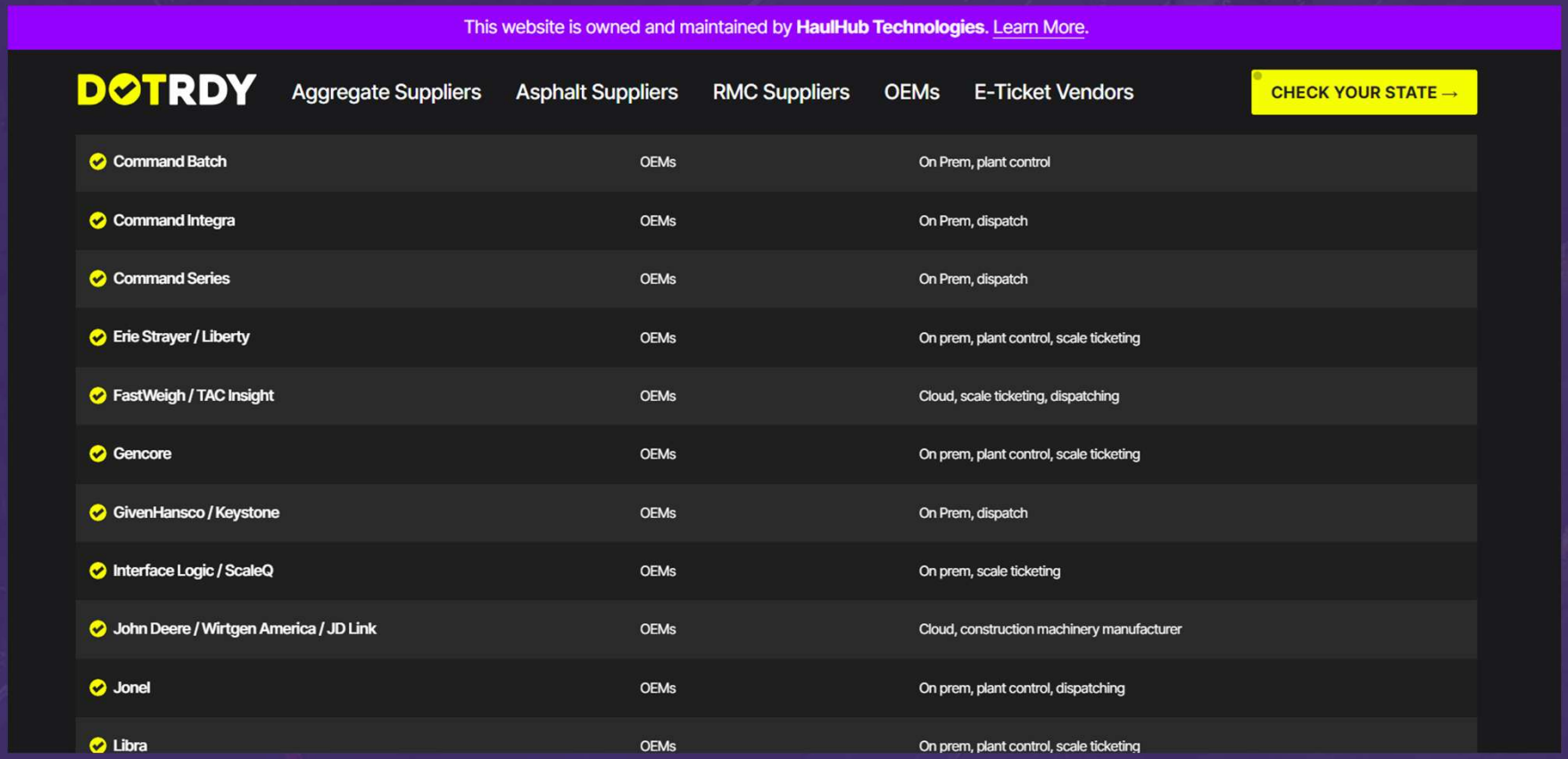
It's A Collaborative Effort

Collaboration between producers, contractors, public agencies and tech vendors is paramount for success.

Compatible With Nearly All OEM's



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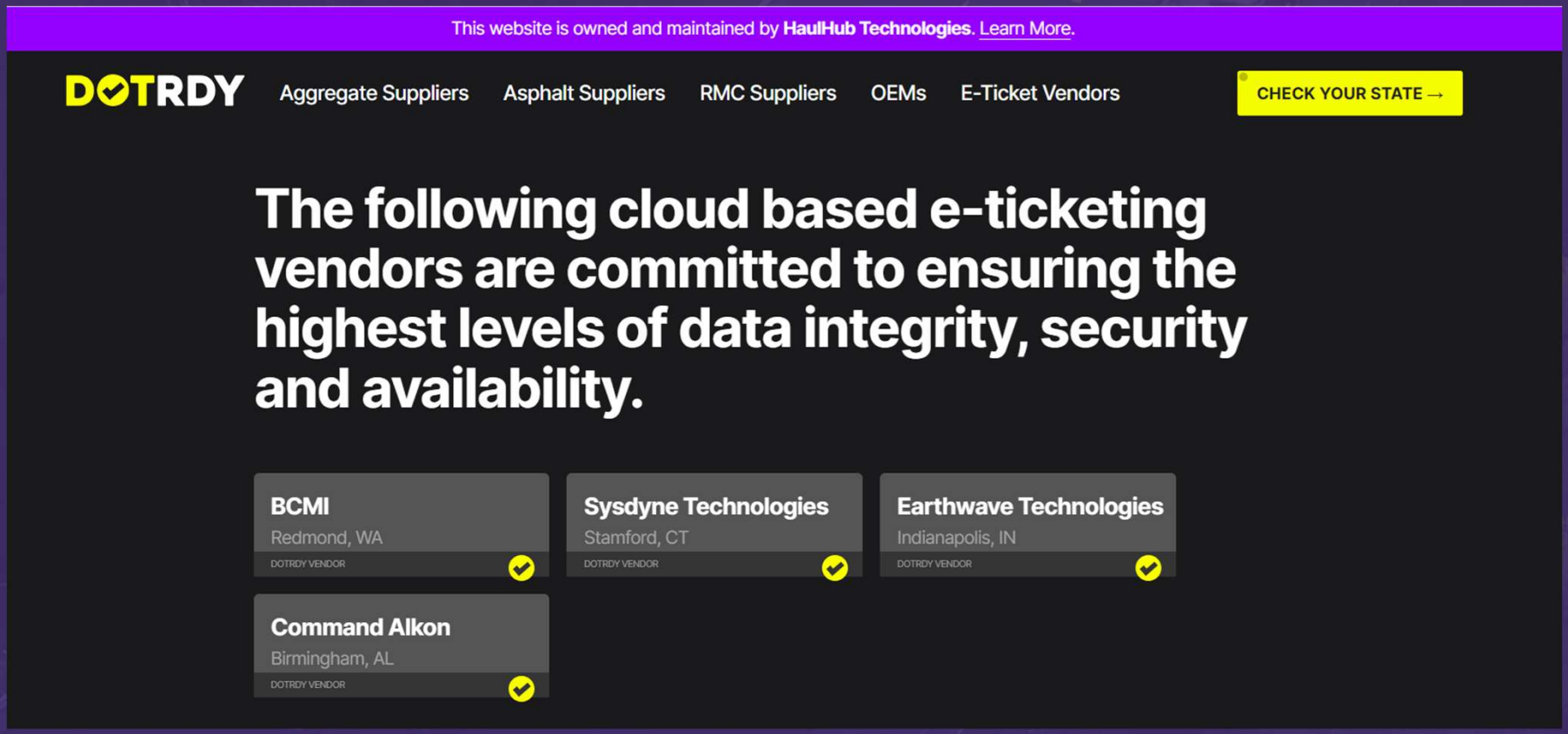
Already Use One of These e-Ticket Vendors?



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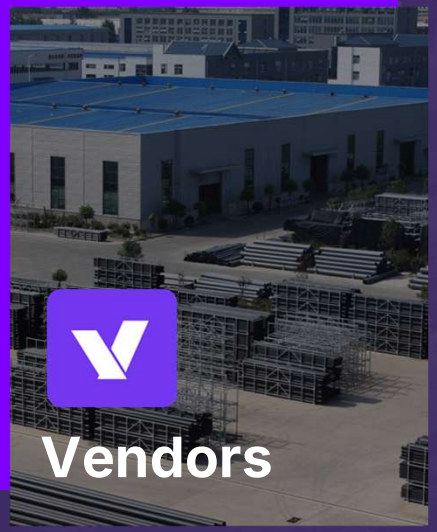
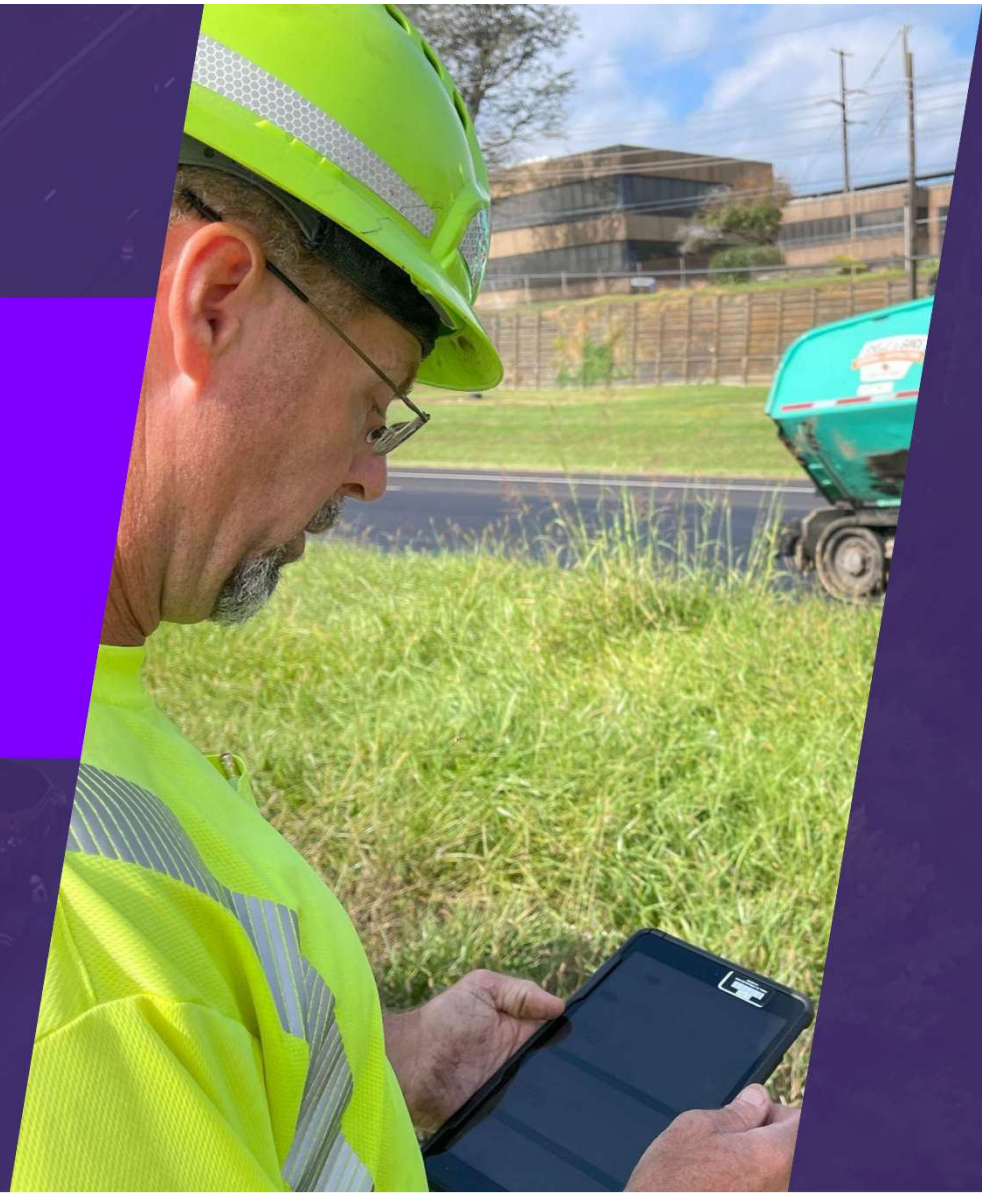
Purpose-Built Solutions

E-Construction enhances project outcomes with tools for stakeholders across the project lifecycle.



Features/Benefits



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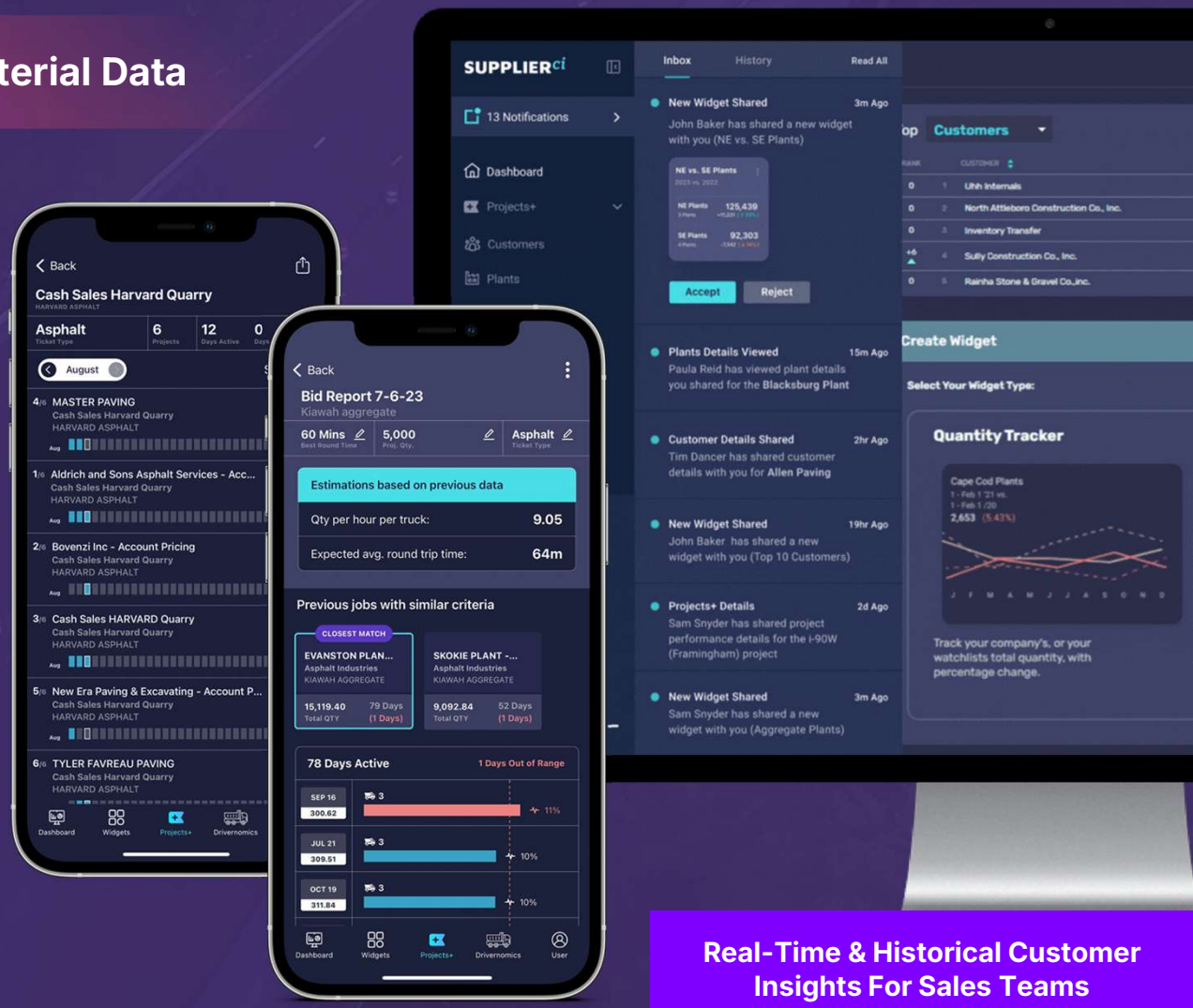
For Suppliers: Visualize and Share Material Data

- Review Material Operations
- DOT Project Calibration
- Environmental Tracking
- Share Valuable Data



Real-Time & Historical Customer Insights For Sales Teams

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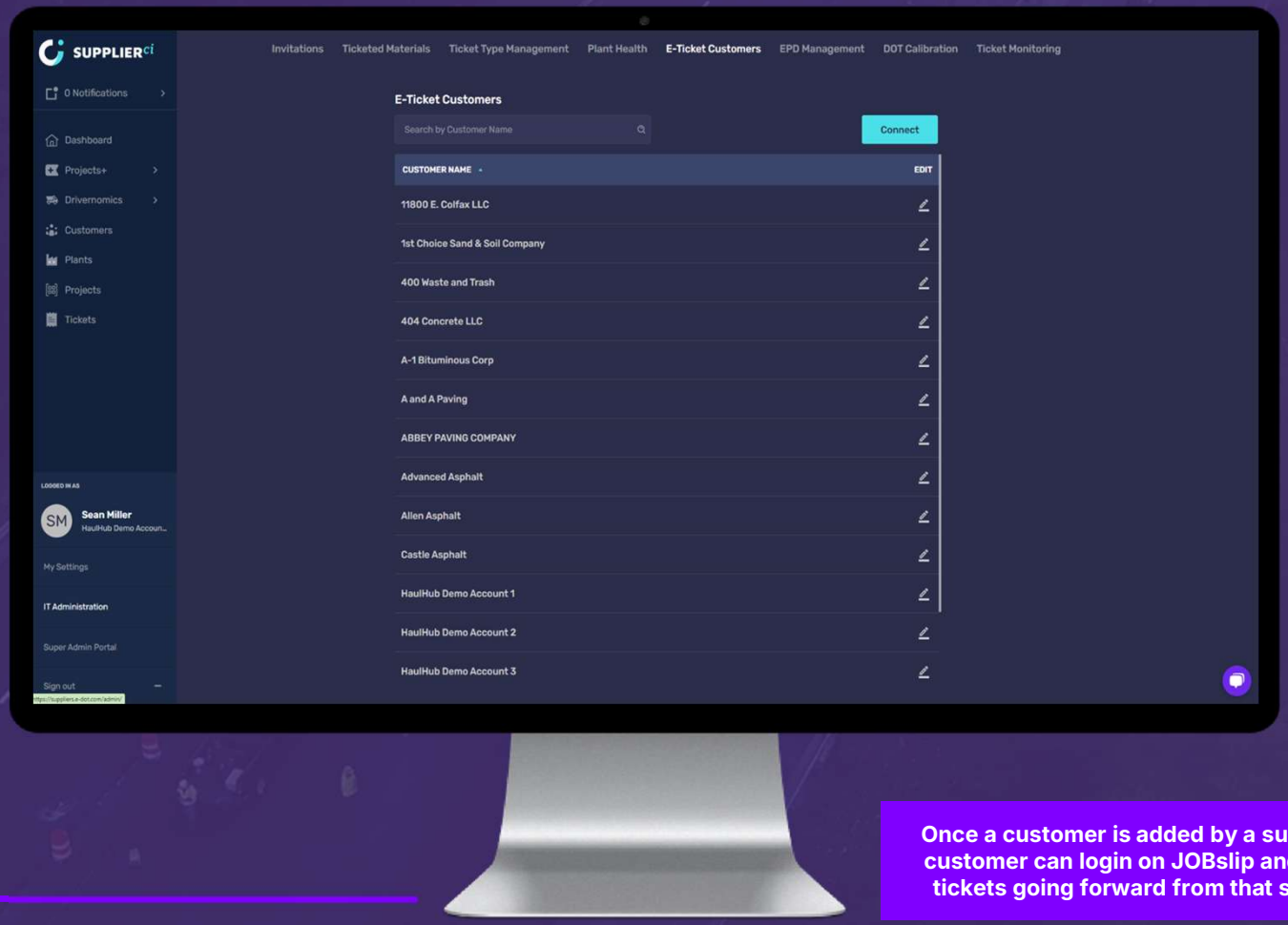
Suppliers can manage Contractor access to their etickets (JOBslip)



Once a customer is added by a supplier the customer can login on JOBslip and view all tickets going forward from that suppliers

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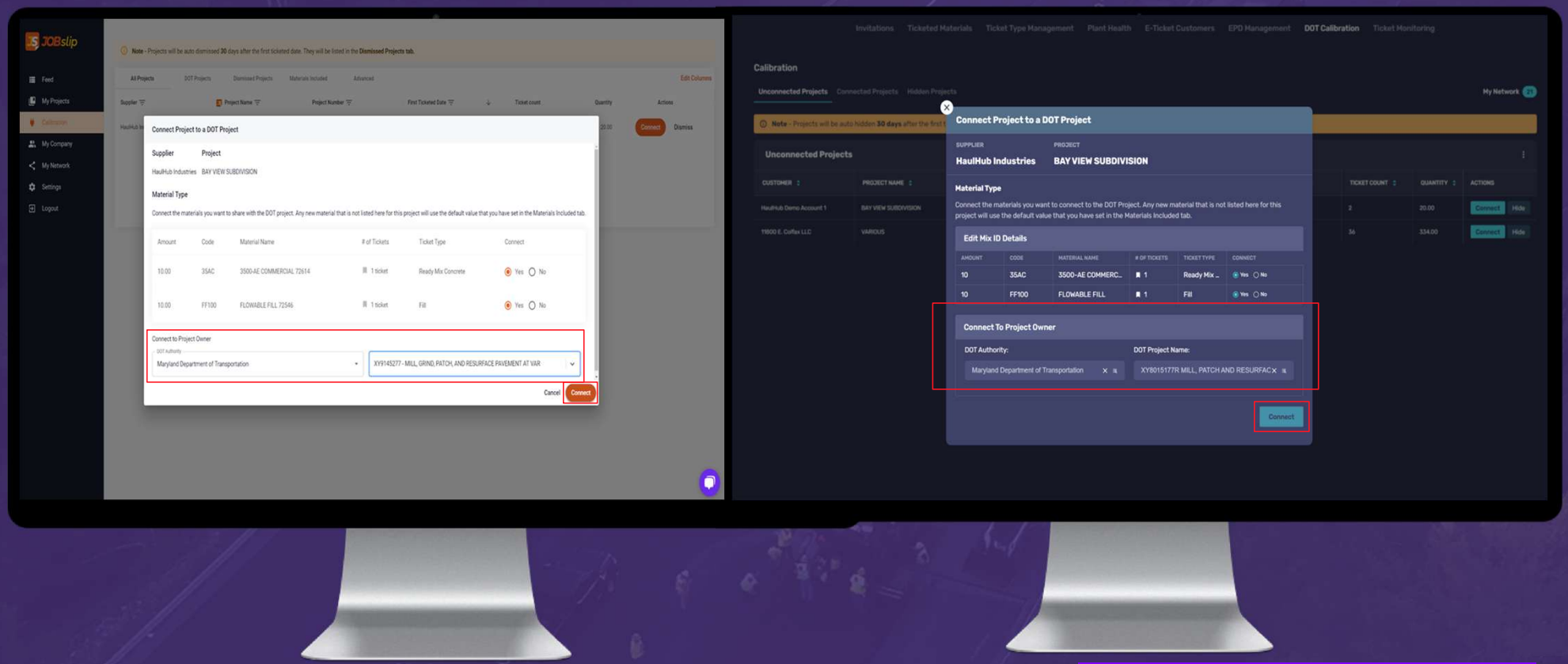
Contractors or Suppliers can Connect Project IDs to State Contracts



Select your agency and then select the matching Contract to calibrate tickets to going forward based on contractor job ID#

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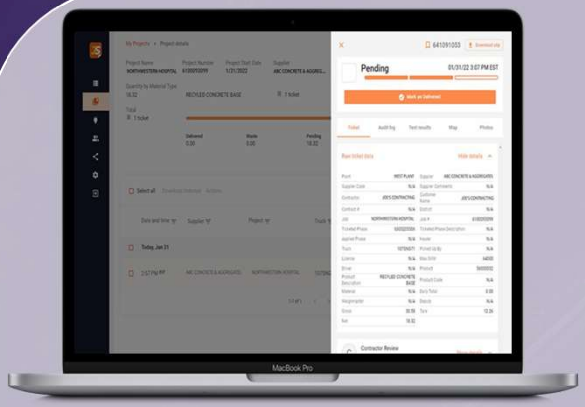
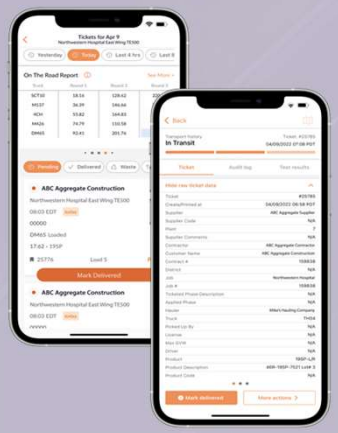
What do the Contractors & Suppliers Utilize?





JOBslip

e-Ticketing tool JOBslip simplifies sharing critical construction materials data between project stakeholders. Making you the easiest construction partner to do business with.

Save countless hours searching for paper tickets on delivered loads. e-Ticketing eases the administrative burden for you and your customer.

SUPPLIERci

Empower you material ticketing data with easy-to-digest visualization tools to quickly analyze business trends, stay in-the-know on top performing customers or plants and intelligently forecast future performance.

The only data visualization tools that ties in to your point of sale for continuous business intelligence.

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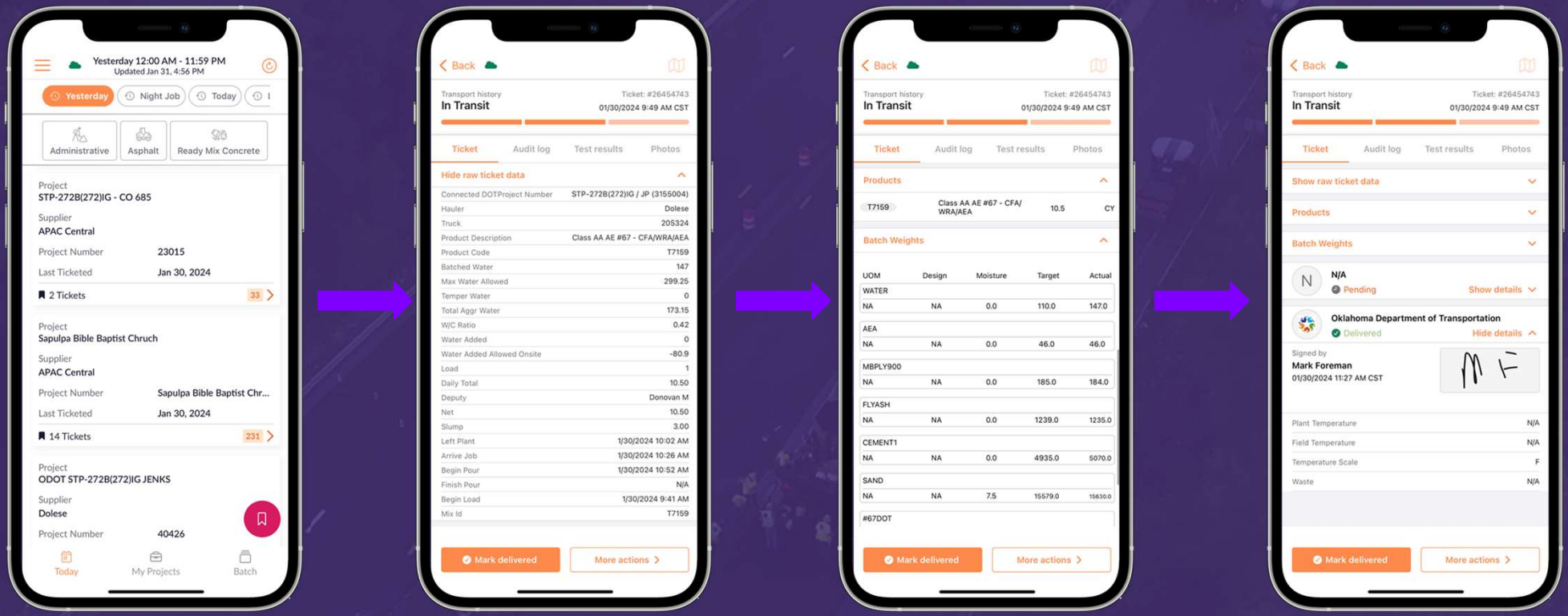
Contractor Mobile Ticket View

JOBslip



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Agency Platform

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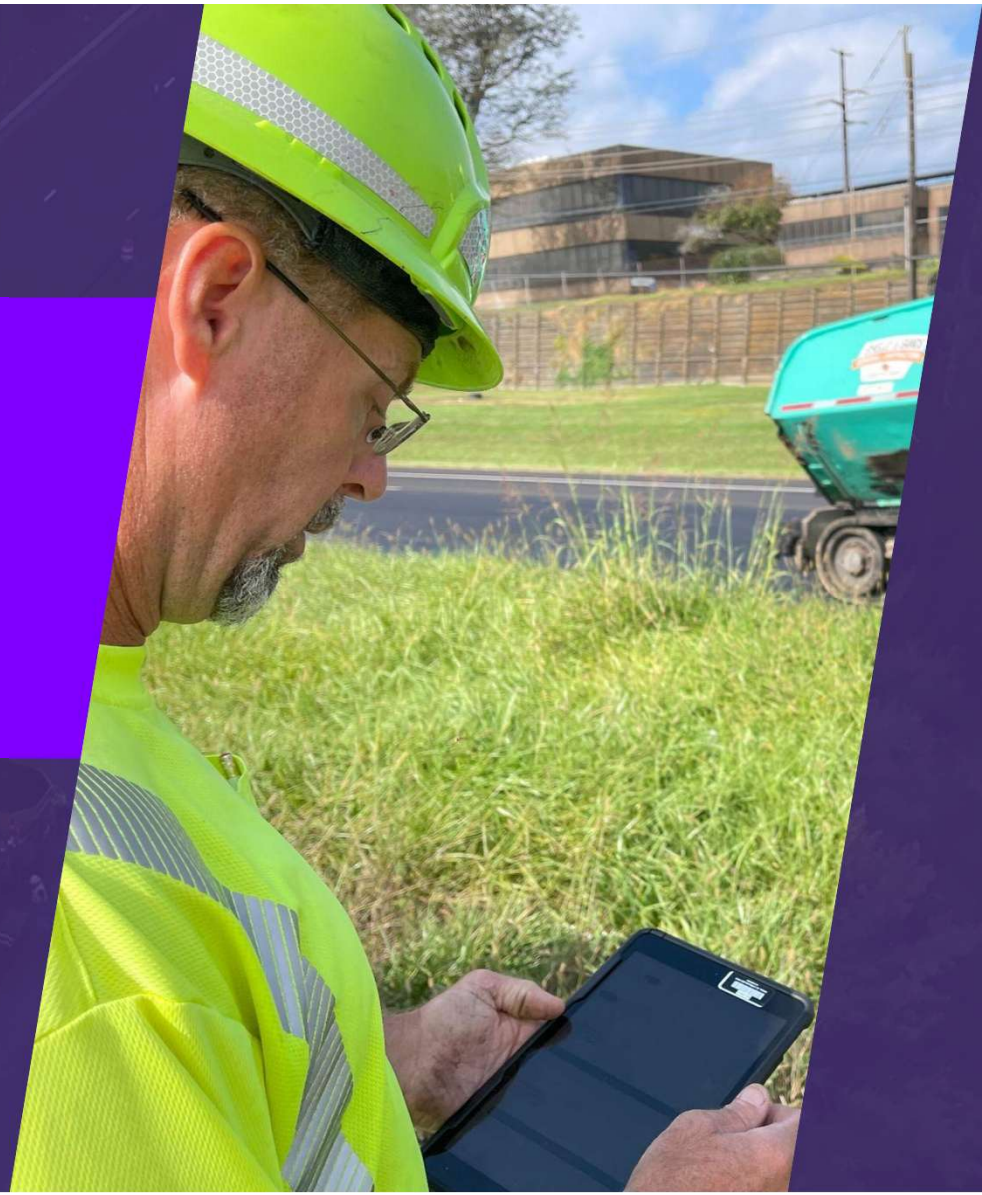

Mobile Ticket View

Web Portals for Desktop Access

Every user will get access to both the mobile app and web portal regardless of their user role

Mobile Apps for Android and iOS

Mobile DOT -Eticketing application is free to download in either Google play store or iOS app store

Real Time Plant Ticket Data

Every ticket a plant generates for the project is captured in HaulHub within a few minutes

Live Connectivity for Stakeholders

Inspectors know what to expect before trucks arrive and the inspection data they input in the field is available for all stakeholders instantly

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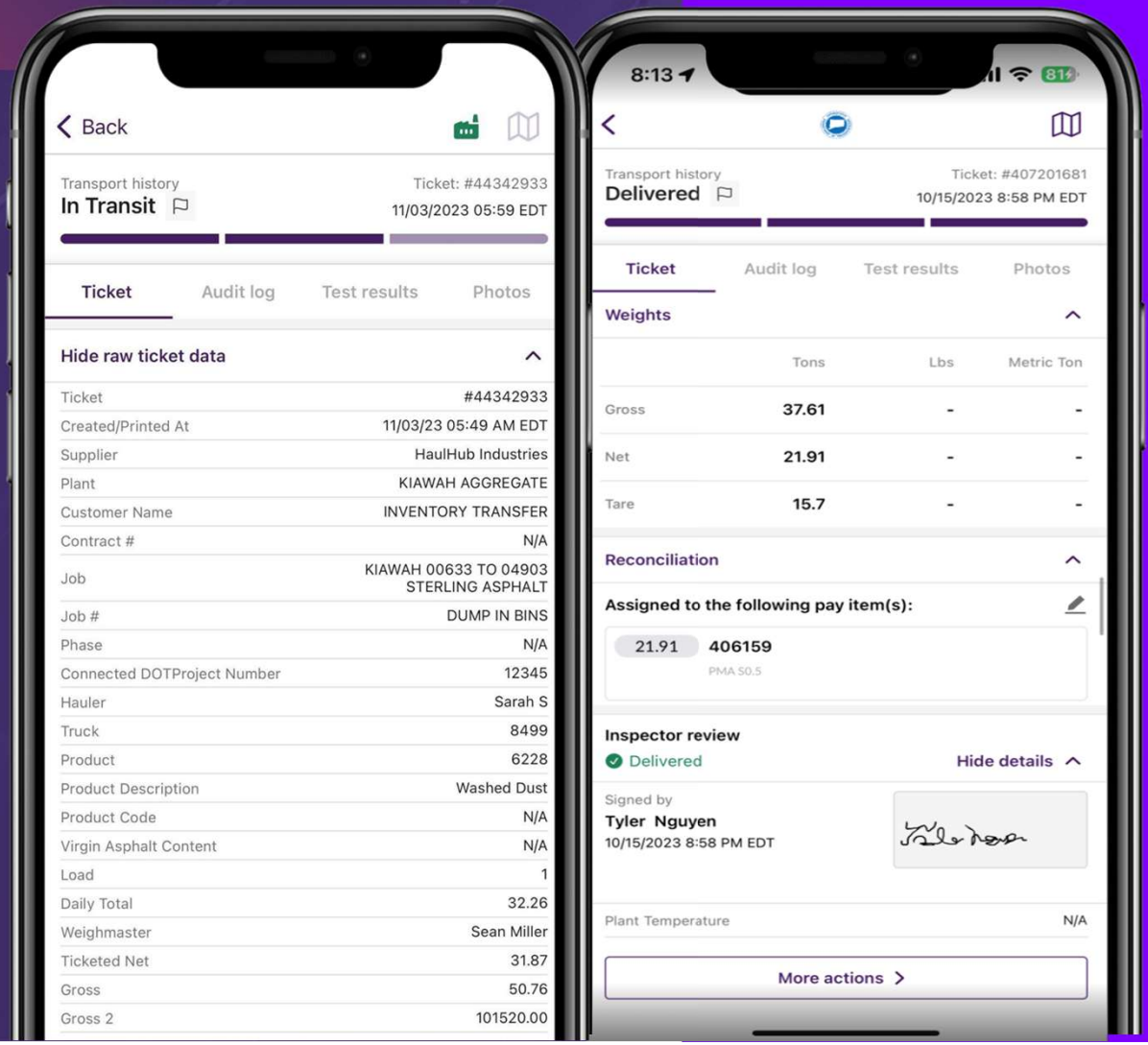
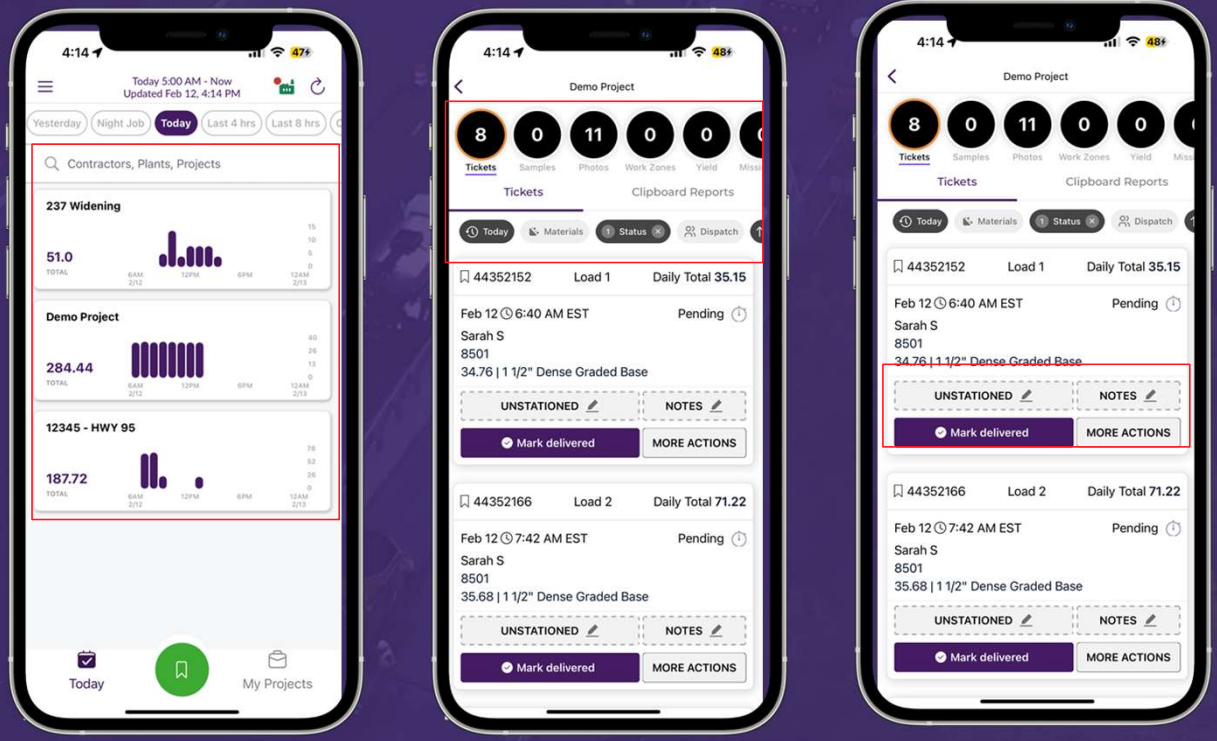


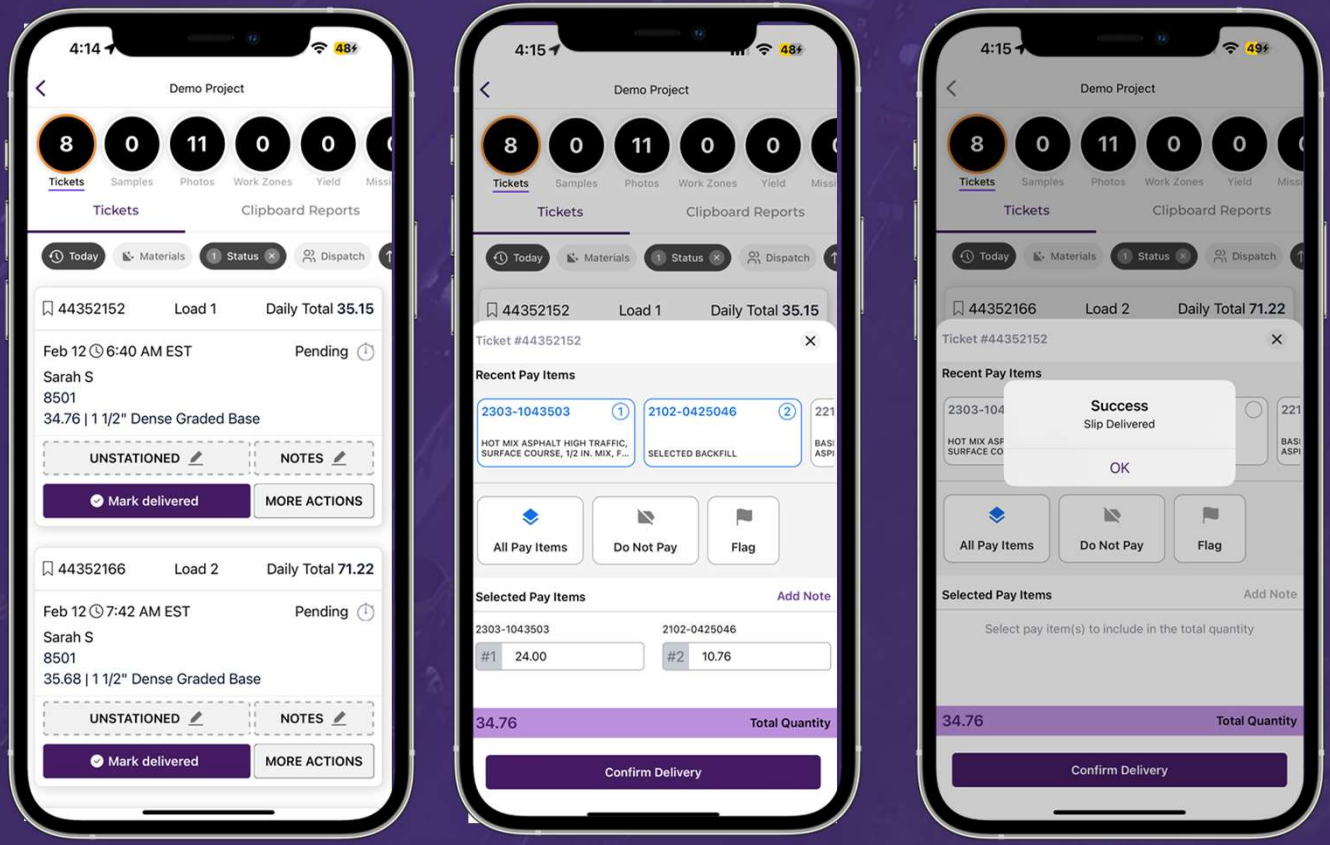
Today Page

- The Today Page will show you a list of active projects for the time frame selected
- The graph shows you production by the hour with your total production in the bottom left
- Filters for time, product, dispatch number, and ticket status
- Input Station, Field Notes & Mark the ticket as Delivered when laid down



Reconciliation (Assign Pay Item Codes)

- If your contract has Pay Items included to reconcile, then once you tap ‘Mark delivered’ you will be prompted to assign a pay item
- All Pay Items will give you your entire list of pay item codes to select
- If you need to split the tonnage across 2 pay item codes you can select up to 2
- Select ‘Do Not Pay’ if any portion of material should not be paid for



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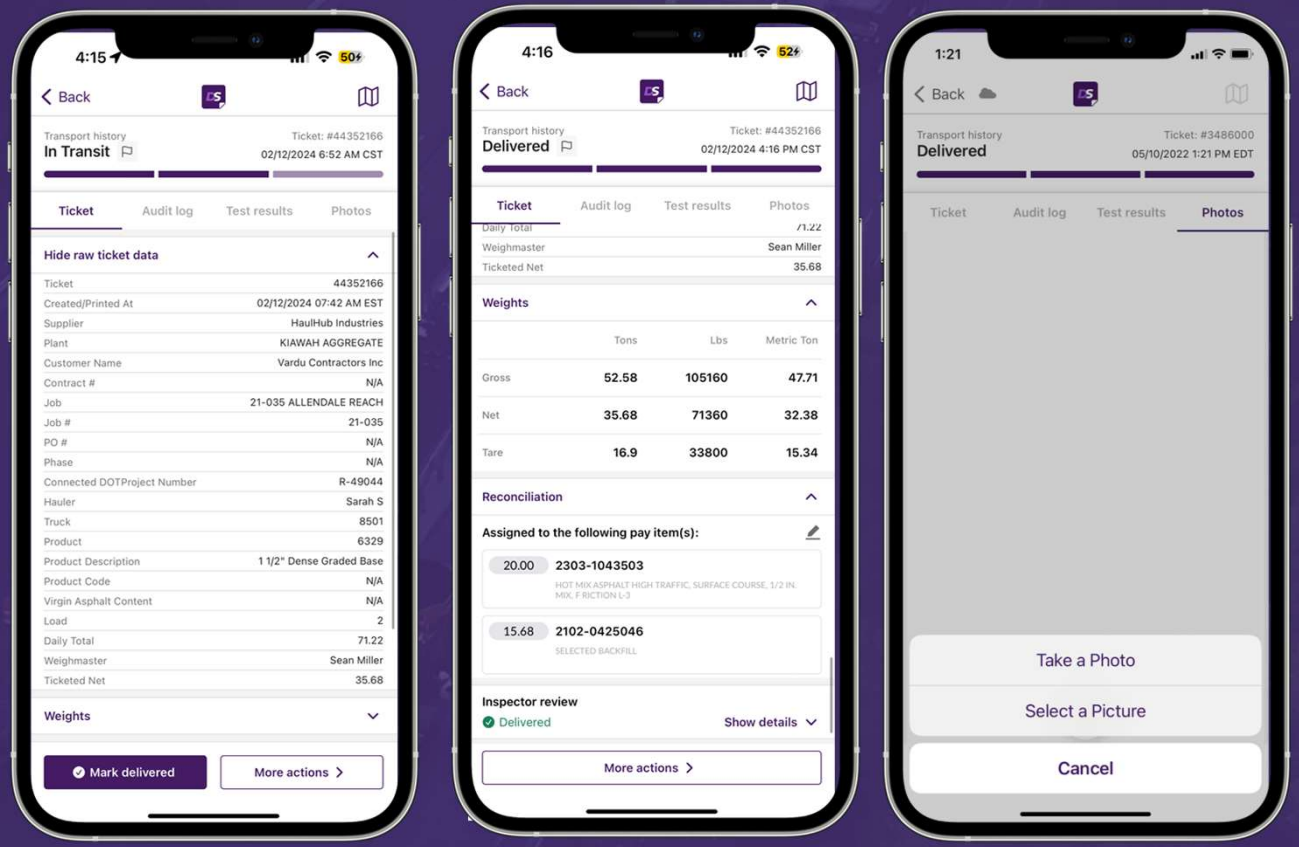
Individual Ticket Information

- Tapping anywhere on a ticket will open up that individual ticket.
- Expand Raw Ticket Data to see all data points for the ticket as well as Weights and Pay Items under the Reconciliation box
- Scroll down to view the Inspector Review
- Select More actions to update status to rejected or add Inspector Notes.
- Tap Photos to add a picture to the ticket.



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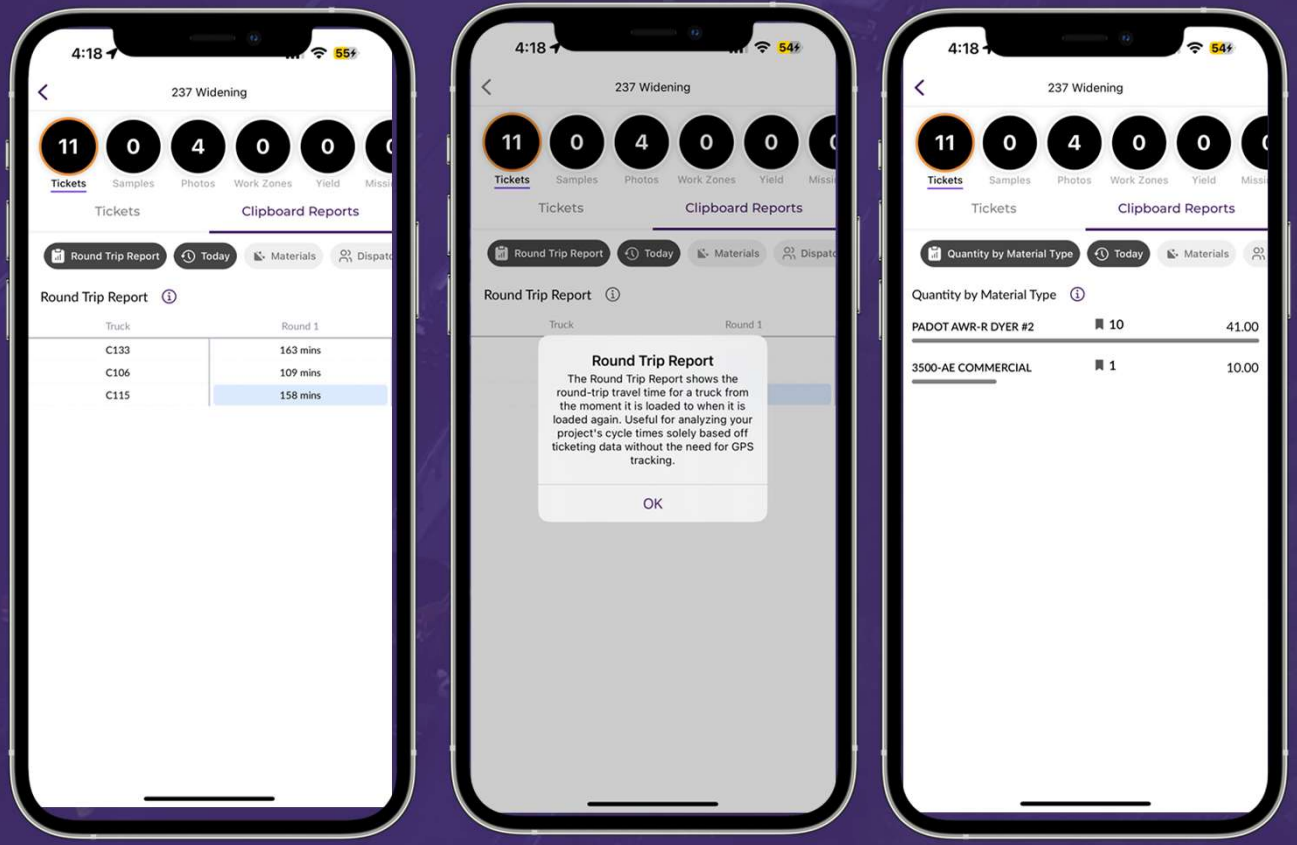
Clipboard Reports

- Series of 9 reports that give valuable insights into your operations.
- See a series or reports:
  - Round times by truck
  - Loaded quantity
  - Quantity on the road
  - Load times
  - Quantity by material type
  - And more
- Tap the ‘i’ next to the report name to see the description.
  -
- Reports will update in real-time throughout the day.



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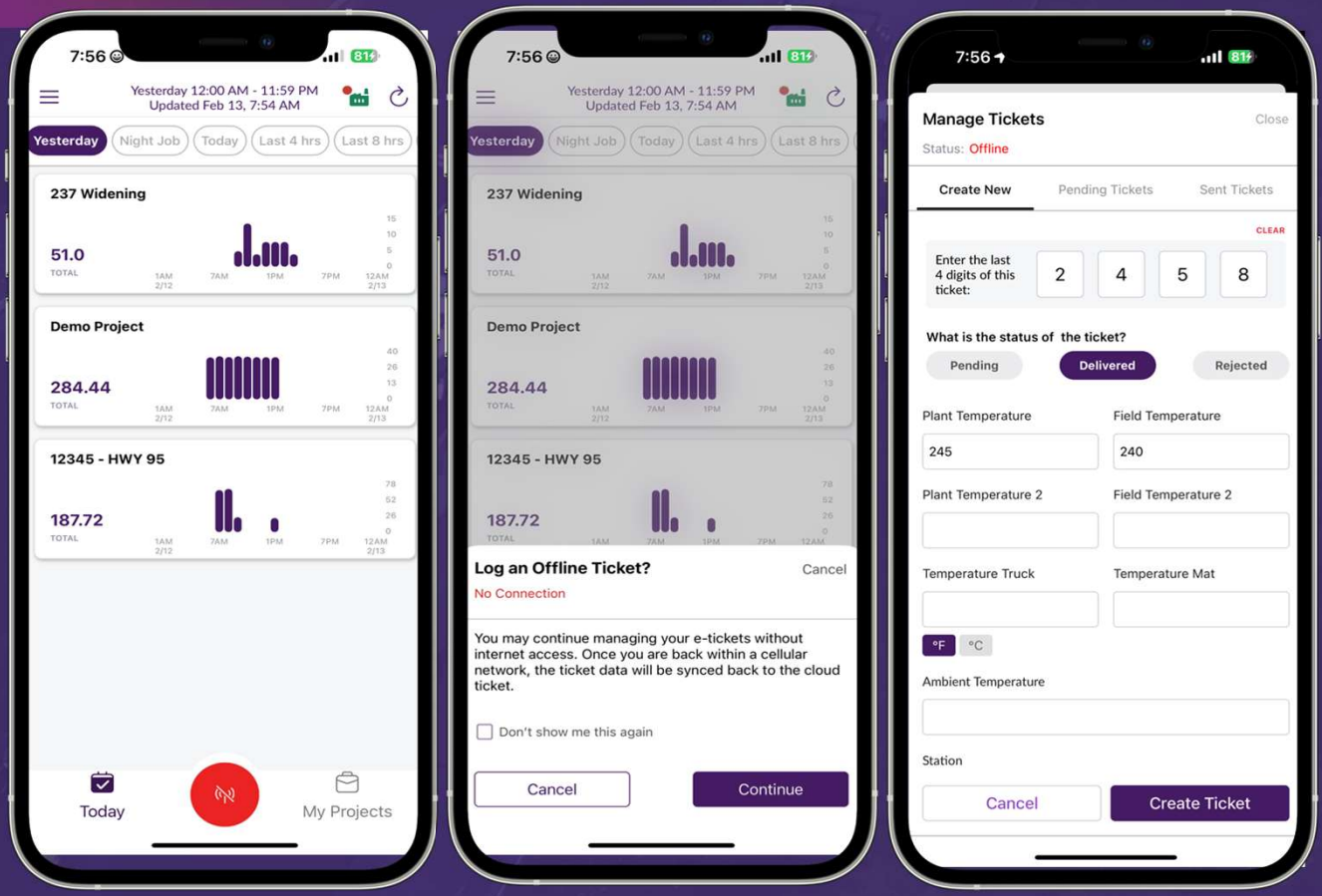
Offline Tickets Page

- Tap the red ticket icon for the Offline Ticket Page.
  -
- Select project, enter in last 4 digits of the ticket, update status, add any notes, and tap Log Ticket.
- Ticket will be stored offline on your device and will be automatically synced to the cloud once you return to service.



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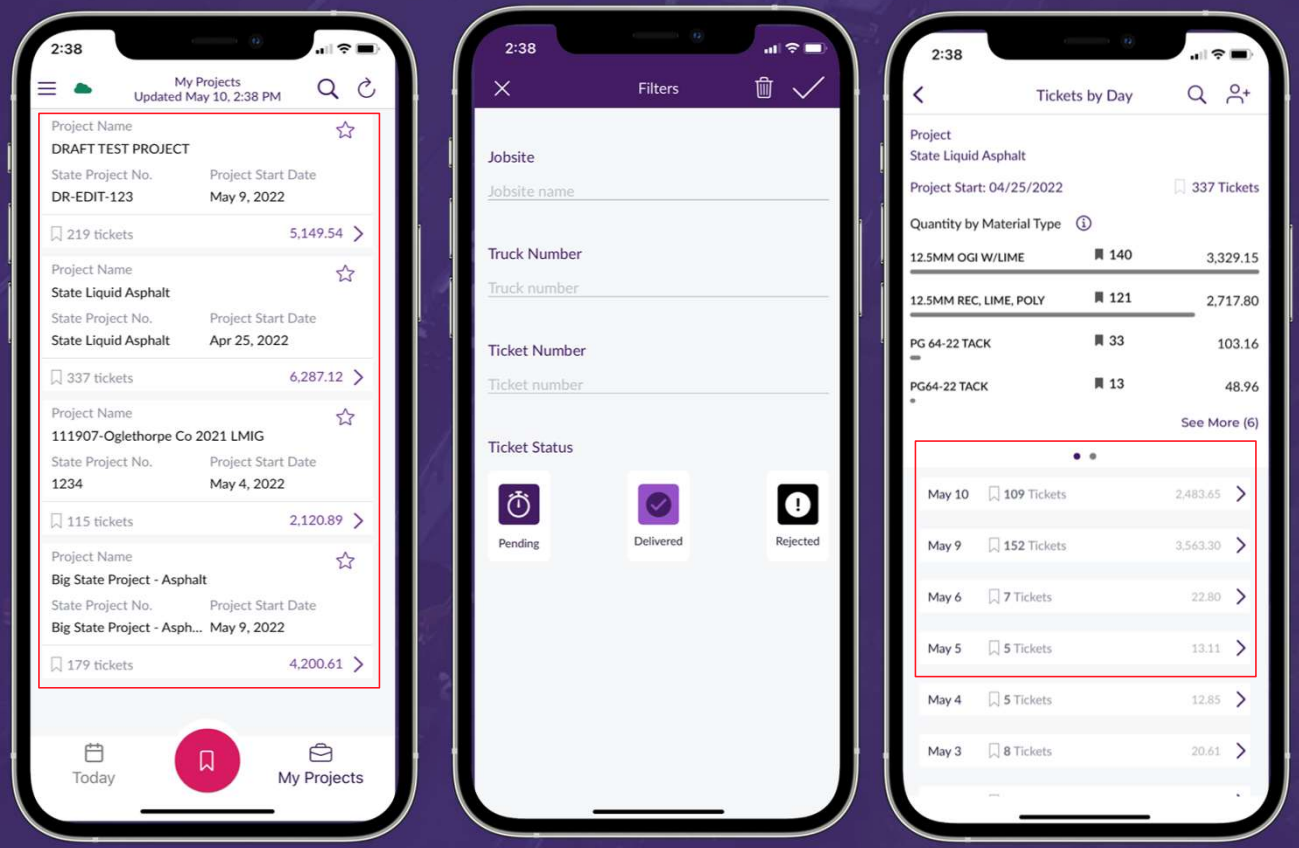
My Projects Page

- View full history of tickets for each of your projects.
- Tickets broken down by day, quickly see number of tickets and quantity.
- Tap on a day to see individual tickets.
- Tap on magnifying glass in top right corner to search.



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Questions/ Resources

CDOT

Questions? Get In Touch

Sean Miller

Senior Manager of Government Solutions

Email : sean.miller@haulhub.com

Phone : 865-804-4182

Web login : https://app.e-dot.com/auth/login

Platform Training Guide : https://learn.haulhub.com

in

Solutions Expert

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