Data Driven Decisions for Improving Revenue Collection Performance

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MAY 4-7, 2024 ATLANTA, GA





Overview

- PTC AET Program What PTC is doing, business shift
- Revenue collection performance why the need for data driven action
- How PTC has organized the response teams around data
- Example initiatives to drive the data
- Communicating the data results to show progress
- What's next

All Electronic Tolling Open Road Tolling

On-board units or transponders



License plate images



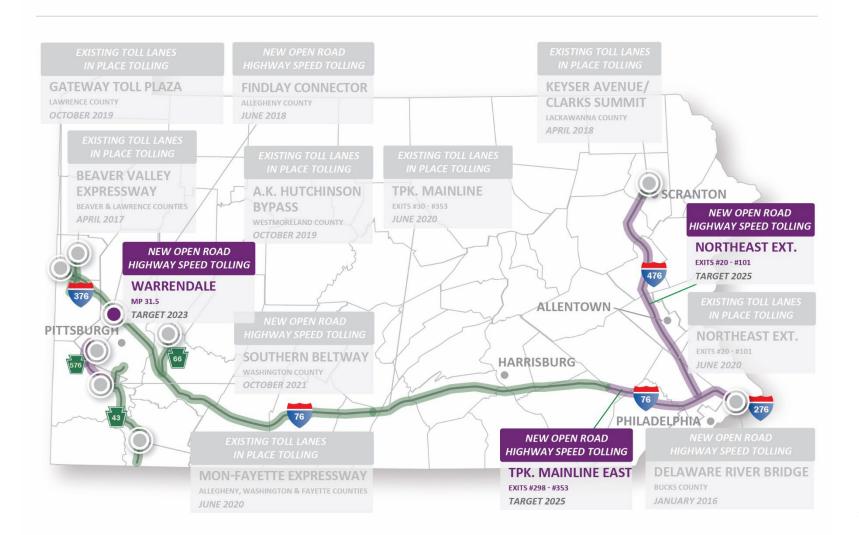






PTC CASHLESS TOLLING

2023-25 Conversion Schedule



2012 FEASIBILITY STUDY

2016 DELAWARE RIVER BRIDGE

BEAVER VALLEY EXP.

2018 KEYSER AVE/ CLARKS SUMMIT; FINDLAY CONNECTOR

2019 GATEWAY
A.K. HUTCHINSON
BYPASS

SYSTEMWIDE AET IN PLACE

2021 SOUTHERN BELTWAY

2023 WARRENDALE ORT-STYLE AET

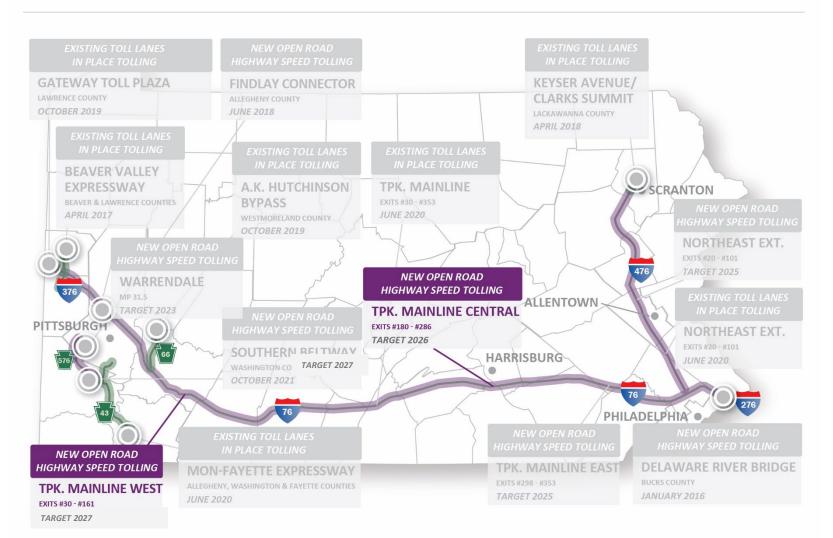
2025 EASTERN REGION ORT-STYLE AET

2027

cibtta

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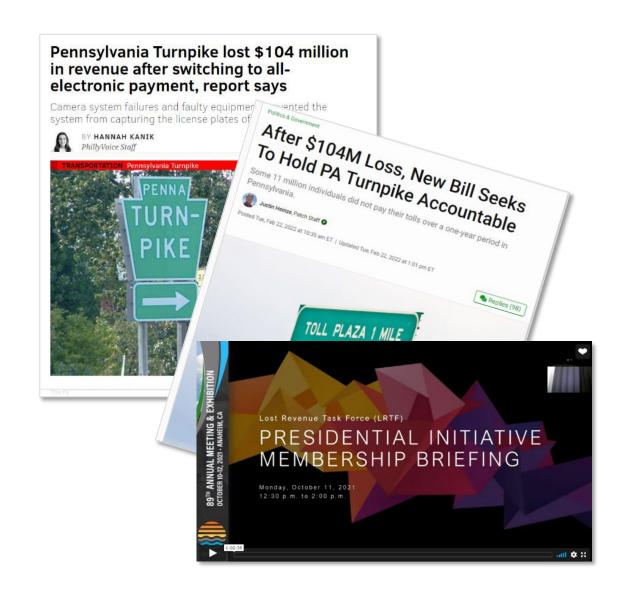
2025 EASTERN REGION ORT-STYLE AET

2027 CENTRAL/WESTERN ORT-STYLE AET

Industry recognizes shortcomings of traditional AET and wants better.

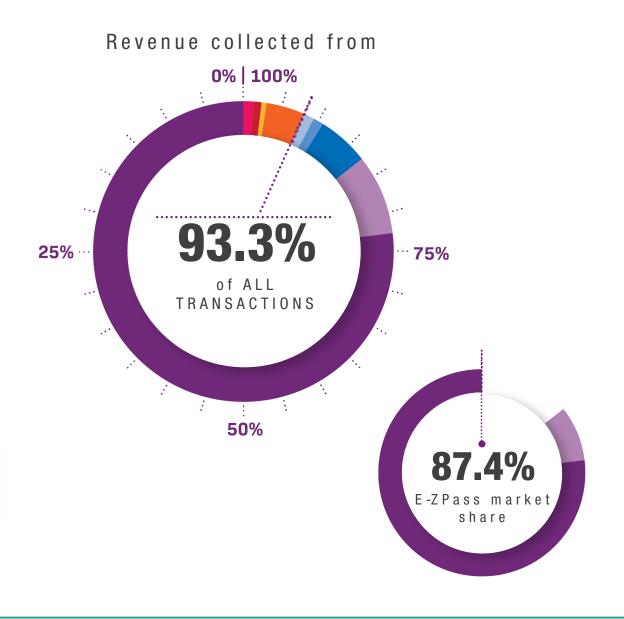
More public acknowledgement of AET losses

Wider use of AET and public awareness



Need for Self Awareness: Know your data before you do something about it

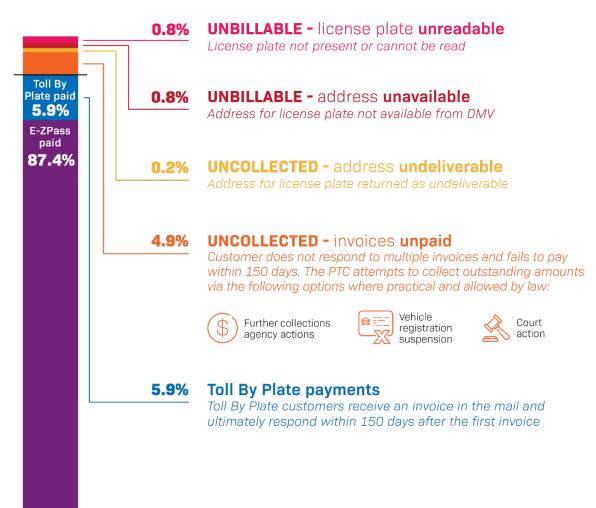
Data from February 2024 Revenue Assurance Plan paturnpike.com/about-us/investor-relations/revenue-assurance-plan





Data to identify areas of potential improvement and direct the improvement process

- Now we know our data but what is reasonable to take action on?
- What is within the immediate ability to influence?
- What is the return on investment?



Data from February 2024 Revenue Assurance Plan

paturnpike.com/about-us/investor-relations/revenue-assurance-plan



Committee Driven by Data

- All hands on deck, this is an agency wide opportunity
- Monthly meetings
- Annual measures takes time to make an impact
- Setting expectations internally and externally
- Understanding not all data or ability to influence is in your direct control

















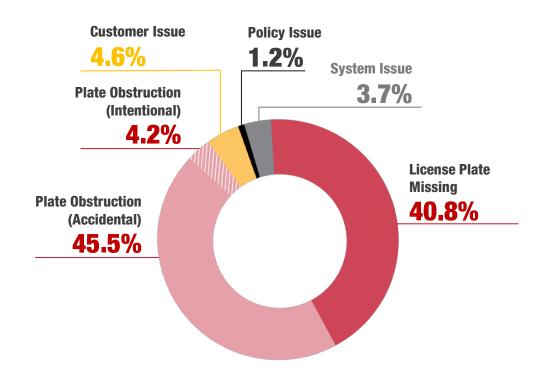


Reducing Unreadable Images

INITIATIVES:

- Proactive transponder replacements
 - Reduce v-tolls ongoing
- Research for intentional and missing plates
 - Time consuming per case
- System related issues very low
 - Image review to system maintenance reports four times a day
 - Camera alignments, connection checks, cleaning
- Commercial vehicle trailer plate option
 - 82% decrease in these types of missing images

Unreadable license plates represent **0.8%** of all transactions. The graphic below is a further breakdown of that **0.8%** of all transactions

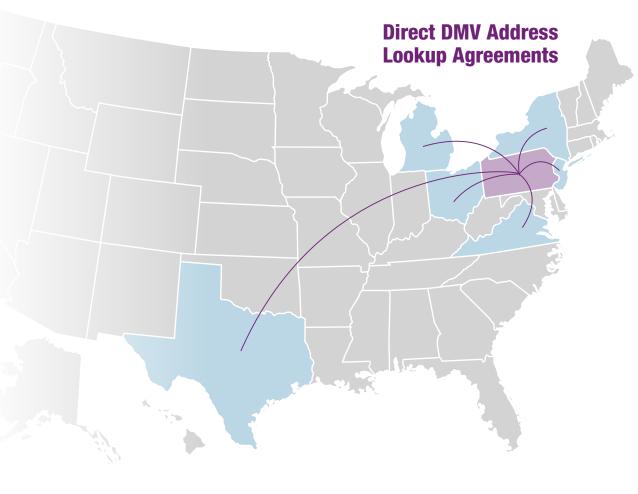


Data from February 2024 Revenue Assurance Plan paturnpike.com/about-us/investor-relations/revenue-assurance-plan

Reducing Unavailable and Undeliverable Invoices

INITIATIVES:

- More Direct DMV agreements
 - Post UBOS Go Live
- DMV lookup re-tries
 - Active, 3-4 attempts each
 - PennDOT and other current direct DMVs
- Skip tracing via Collections

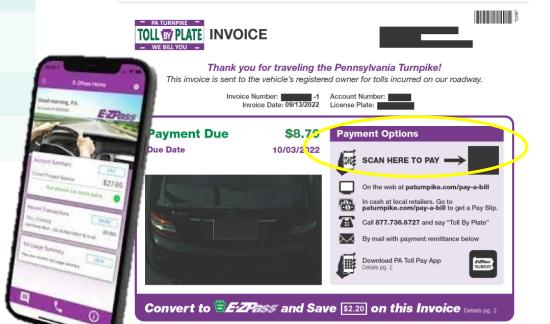


Reducing Unpaid Invoices More Ways to Pay (Carrots)

FY23	# TBP payments/revenue	% of TBF revenue	
	(Actual plus projected)		
Kubra Cash Payment Network	805/\$34K	<0.01%	
Toll By Plate AutoPay	64,142/\$1.6M	1.0%	
Invoice QR Code	440,000/\$15.8M	9.6%	







Technology Summit MAY 4-7, 2024 ATLANTA, GA

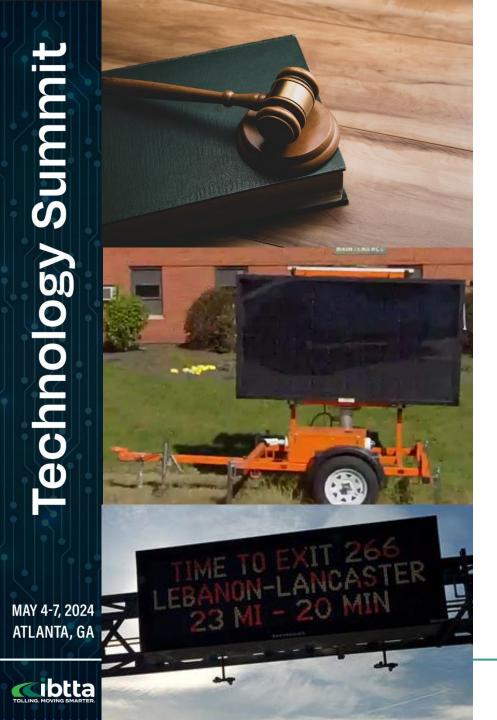
Reducing Unpaid Invoices More Ways to Enforce (Sticks)

Act 112 of 2022 (Reduced thresholds for suspension)

Monthly Averages	Before	After
Eligibility Letters	1,283	2,482
Payment Plans	531	1,034
Accounts closed/paid	418	572
Eligible for suspension	\$3.8M	\$4.4M

Active suspensions	20,501	30,543
	\$36.5M	\$49.4M





Reducing Unpaid Invoices More Ways to Enforce (Sticks)

- Civil Court (through March 2024)
 - 555 civil complaints prepared
 - \$3.3M (4% of active suspension value)
- Mobile LPR Units (through March 2024)
 - 1637 hours logged by PSP
 - Approximately 400 of 3000 citations issued were for toll related suspensions
 - <0.1% of all active suspensions

Revenue **Assurance Initiatives Update**

Progress



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The Potential for Al: Match Goals to Tech



Revenue

How can AI help drive performance in revenue collection?



Operating Cost

How can AI help reduce operating costs?



Customer Satisfaction

Understanding and serving the customer better



The Potential for Al in Customer Service

Customer self service and tailored service

 Al to support curated customer service, directing the customer

Customer engagement analysis

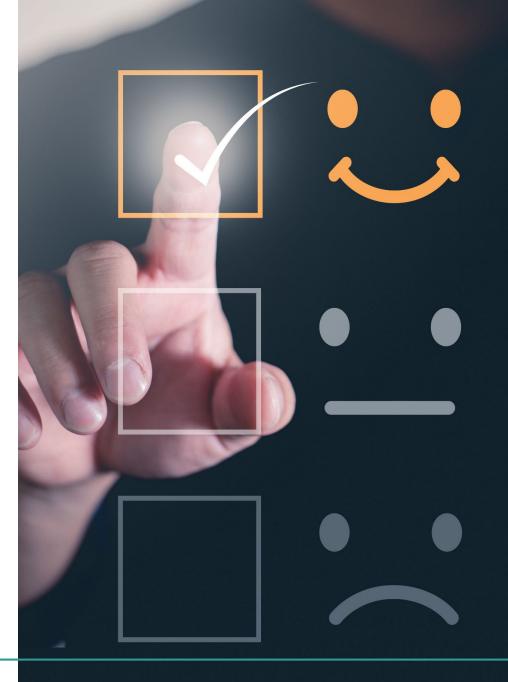
Moving beyond call sampling to monitor all calls

Call data characterization

 Assessing the call data - automating reason codes for analysis

Agent support

 Can Al help in real time for agents to serve customers?



Where can the data take us next?

- **Deeper data dives revenue assurance**
 - Unreadable images customer behavior with missing and blocked plates
 - DMV addresses remaining DMV data opportunities
 - Address acquisition more tracing techniques
- New data dives understanding the people who don't pay
 - Help point to new carrots to offer or sticks to bring
- **Keep the push for more transponder use** still the best medicine for revenue losses
 - Sticker tags
 - More payment channels and payment options

