



TranTrack Manager and APC Management

Make better decisions.
Consolidate and analyze fleet
data with ease.

Data warehousing and analytics solution

Understanding what your fleet data is telling you to is essential improving service, safety and passenger experience, but most analytics solutions are too complicated and cumbersome for most people to use. Vontas is proud to highlight TranTrack Manager™, a data analytics solution that provides robust tools and extended CAD/AVL reporting that's easy and intuitive for anyone to use.

TranTrack Manager consolidates and compares CAD/AVL and Automatic Passenger Counting (APC) data with farebox, finance, safety, and fleet maintenance data into a single data warehouse. TranTrack Manager gives you deep insight into service effectiveness and plays a critical role in making critical service decisions.

With TranTrack's APC Management solution, your agency can pull ridership data from any source into a single place. Consolidate all of your data together—no more keeping track of multiple spreadsheets across all your systems. You can trust that you have accurate, reliable ridership counts unconstrained by faring constraints.

Overview



TranTrack Manager: Data Democratization

- Dashboards
- Standard reports
- Ad hoc queries and reports



Track Fleet KPIs Effectively

- Cost per Hour, Mile, & Passenger
- Complaints/100k Passengers
- Passengers/Revenue Mile and Hour
- Farebox Recovery Ratio
- Accidents/100k Miles



APC Management: Data Integrity

- Organizes cleansed data for APC reporting
- Collects and imports raw data into TranTrack Manager
- Identifies predetermined checkpoints for “near zero” through loads
- Removes negative loads back to previous checkpoint
- Removes loads over capacity back to previous checkpoint

Agency Benefits



Improved Regulatory Compliance (NTD Reporting)

Rely on your APC Data for annual NTD ridership reporting of Unlinked Passenger Trips and Passenger Miles traveled



Improved Operational Efficiency

Monitor the service productivity, with daily operational reporting, KPI monitoring (such as schedule adherence, running time and dwell time analysis).

Integrated Safety Reporting

Integrated Maintenance Reporting

Stop the laborious, randomized ride check program to confirm passenger counts



Better Customer Service

Prioritize on future improvement and strengthening your transit community



Ridership Insight

Easily identify ridership patterns you can use to improve and adapt service

Passenger Benefits



Safer Journeys

- Allow for more service flexibility during COVID protocols



Elevated Rider Experience

- Reduce crowding and ensure you have the right capacity in the right places



Better Routes and Network Design

- Right-size your fleet with accurate stop data so you know which vehicles should go on each route

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APC Management: Data Integrity

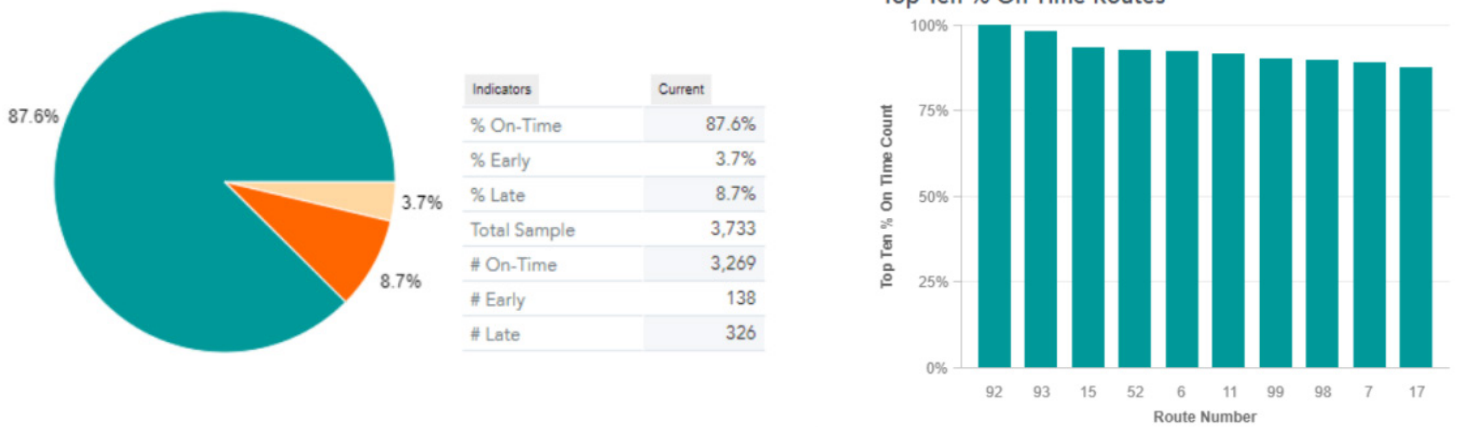


Fig 1: Use APC Management to pull ridership data from any source into a single place. Graphic provided by TransTrack Solutions Group.

Key Performance Indicators

Indicator	Past 12 Months	% of Prior Year	Year-To-Date Through December		
			FY21 Actual	FY22 Actual	% Variance
Passengers / Revenue Hour			7.17	9.60	33.89%
Operating Costs / Revenue Hour			\$119.49	\$121.39	1.59%
Farebox Recovery Ratio			12.00%	15.13%	26.08%
Total Accidents / 100K Service Miles			1.80	1.75	(2.78%)
Percentage of Trips On Time			88.00%	84.91%	(3.51%)
Total Miles Between Agency Defined Roadcalls			6,939	8,844	27.45%
Complaints / 100K Passengers			29.80	28.51	(4.33%)
Operating Costs / Passenger			\$16.66	\$12.65	(24.07%)
Operating Cost / Revenue Mile			\$7.34	\$7.20	(1.91%)
Passengers / Revenue Mile			0.44	0.57	29.55%
Total Miles Between Major NTD System Failures			17,101	21,022	22.93%

Fig 2: Easily identify ridership patterns you can use to improve and adapt service with KPIs. Graphic provided by TransTrack Solutions Group.

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