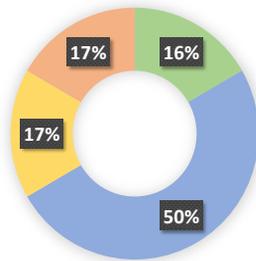


Summary

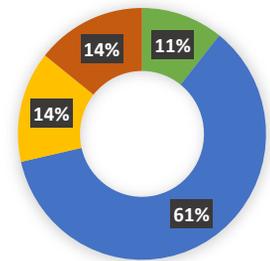
12 Q3 Improvements

- 2 New Features
- 6 Improved Functions
- 2 Data Enhancements
- 2 Important Bug Fixes



28 YTD Improvements

- 3 New Features
- 17 Improved Functions
- 4 Data Enhancements
- 4 Important Bug Fixes



Detail

Improvement	Tool(s) Affected	Description	Deploy Date
Data Merge		Adds Florida's HERE data to the VPP Suite.	09.29.2016
Hadoop Computing Platform [†]		Provides an exponential improvement in the speed at which data and other results are returned, especially for complex queries like User Delay Cost and Bottleneck Ranking by migrating the Suite over to the Hadoop platform. This removes restrictions on the 3-month limitation on Bottleneck Ranking, and 5,000 TMC limit on the Massive Data Downloader.	08.31.2016
New Bottleneck Tracking & Algorithm [†]		A new bottleneck tracking and ranking algorithm has been implemented to better represent congestion events (merging together, breaking apart, drifting upstream or downstream, etc.), providing a more accurate picture of congestion and problem identification than before. This significant enhancement also includes new graphs, maps and table features. For more detail, visit Latest Updates (https://vpp.ritis.org/suite/updates/).	08.31.2016
MAP-21 "Quick Widget"		Creates a simpler process for users to get MAP-21 ruling-specific widgets vs the MAP-21 "pick your own adventure" widgets by splitting the query form into two tabs. Under the "MAP-21" tab, the form will intelligently restrict combinations of settings that only apply to the ruling's measures. The advanced tab has no restrictions.	08.11.2016
New MAP-21 Measures [†]	2	Introduces two new measures specified in the MAP-21 NPRM: Average Truck Speed and Truck Travel Time Reliability. You can find these measures in the MAP-21 query form under Select measures .	07.29.2016
Data Source Selection for Road Search		Adds the ability to choose a provider when you run a road search, to account for minor differences between probe data provider TMC location referencing systems. This will give you a more accurate picture of the roads you're investigating.	07.29.2016
Congestion Scan Improvements	2	Adds partial road selection options under "Advanced" road selection for more flexibility in fine-tuning your search. We've also added the option to take a screenshot at different screen resolutions, for improved reporting purposes (we've also added it to the other tools that have built-in screenshot capabilities.)	07.29.2016
Congestion Scan Bug Fixes	2	Fixes two notable issues: If you have locked tool tips and change your selected metric, those tool tips would not update to reflect the new metric, and; locked tool tips would point to the incorrect location after saving a screenshot.	07.29.2016
Standardize Excel Export Filenames		Standardizes the file names for Excel exports from all Performance Measure tools to better represent the information (e.g.; your partial road selection beginning and end point cross streets.)	07.29.2016

Key

New Feature

Provides you with the ability to interact with the tools in ways you couldn't do before

Improved Function

Helps existing tools work better, faster or more efficiently

Data-related Enhancement

Relates to any and all things data-specific; new sources, filters, storage and retrieval

Important Bug Fix

Corrects errors, flaws or faults in the system

† Significant, high-value deploy