Dynamic Route Optimization Dashboard

Real-time route optimization and fleet management

Generated by: Vanguard Route Optimizer
Date: 8/2/2025, 11:18:39 AM
Use Case: route-optimization

Fleet Overview

Total Vehicles: 50
Active Routes: 10
Vehicles In Transit: 12
Available Vehicles: 12
Pending Deliveries: 19
On-Time Delivery Rate: 94.2%
Average Fuel Efficiency: 7.8 mpg

Active Routes

Route ID	Vehicle	Driver	Progress	Stops Remaining	ETA	Status	Delay
ROUTE-000 04	RE-5959	Driver 3	0.0%		7:18:39 AM	ACTIVE	8 min
ROUTE-000 05	RH-6438	Driver 16	0.0%	1	5:18:39 AM	ACTIVE	On Time
ROUTE-000 09	BV-2616	Driver 22	93.7%	2	2:48:39 PM	ACTIVE	On Time
ROUTE-000 10	GV-8369	Driver 22	107.6%	2	8:18:39 AM	ACTIVE	On Time
ROUTE-000 11	HM-1474	Driver 29	99.2%	1	4:48:39 AM	ACTIVE	7 min
ROUTE-000 20	WZ-8705	Driver 16	0.0%	2	11:18:39 AM	ACTIVE	On Time
ROUTE-000 23	RE-5959	Driver 16	0.0%		8:18:39 AM	ACTIVE	On Time
ROUTE-000 25	FV-6404	Driver 6	94.6%	3	4:48:39 AM	ACTIVE	On Time
ROUTE-000 26	FK-6955	Driver 26	0.0%	2	9:18:39 AM	ACTIVE	On Time
ROUTE-000 28	YX-7058	Driver 16	0.0%	2	12:18:39 PM	ACTIVE	On Time

Optimization Recommendations

- Reroute VEH-0012 via Highway

101 to avoid traffic congestion
- Consolidate deliveries in Zone 5 to reduce total distance by 15%
- Schedule maintenance for 3 vehicles approaching service intervals
- Implement dynamic routing for last-mile deliveries in urban areas
- Consider adding 2 vehicles to meet peak demand projections
- Optimize loading sequences to reduce warehouse dwell time