

BUSBOSS SUITE · PRODUCT GUIDE



FLEETpatrol

Fleet Maintenance & Compliance

K-12 fleet maintenance platform. PM by mileage, calendar, and engine hours. CDL and medical card alerts at 90, 60, 30 days. Cost-per-mile down to the vehicle. Starting at \$50/vehicle/year flat — all modules included.

Orbit Software, Inc.

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Overview

FLEETpatrol is the K-12 school bus fleet maintenance and compliance platform built specifically for pupil transportation. Unlike trucking-company fleet software retrofitted for schools, FLEETpatrol was built from day one around state pupil-transportation codes, CDL-S endorsements, tiered routing, and the tight budgets that define K-12 transportation.

Districts running FLEETpatrol cut emergency repair costs 18–32% in the first year, reduce cost-per-mile from \$1.42 to \$0.84 on average, and close state inspection audits with a one-click PDF export rather than a filing cabinet. Pricing is a single flat rate of \$50 per vehicle per year for fleets of 100+ vehicles. All modules included. No per-seat fees, no per-module fees, no surprise invoices.

Key Metrics

FLAT RATE STARTING AT \$50 Per vehicle / year	COST-PER-MILE \$0.84 vs \$1.42 before	EMERGENCY REPAIR ↓ 18-32% First-year reduction	TIME TO LIVE <2wk Onboarding window
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The Problem FLEETpatrol Solves

Most K-12 transportation shops run maintenance on a spreadsheet, a dry-erase board, and the memory of a single shop foreman who has been there fourteen years. The spreadsheet tracks oil changes. The board tracks who is in the shop today. The foreman tracks everything else. When the foreman retires, takes a sick day, or misses a CDL expiration by four days, the entire maintenance program discovers how fragile it was.

The real cost is not the missed oil change. The real costs are:

- **The emergency repair that didn't have to be emergent.** A transmission flagged at 160,000 miles for rebuild scheduling becomes a 3 AM tow bill and a \$9,400 rebuild because no one saw the mileage threshold approach.
- **The CDL medical card that expired on a Tuesday** and put a driver behind the wheel on a Wednesday without a current certification. The insurance carrier found out first. The district found out second.
- **The bus that should have been replaced two years ago** but the district couldn't justify the capital expense because nobody had per-vehicle cost-per-mile data to make the case.
- **The state inspector who walked into the shop** and asked for eighteen months of PM records, certification renewals, and work-order history — and the shop foreman spent three days rebuilding it from memory, service receipts, and a stack of paper inspection forms in a filing cabinet nobody had opened since August.

Core Modules

FLEETpatrol is priced per vehicle, per year. All twelve modules are included in every license. No per-user fees, no per-module fees, no implementation tax.

<p>Preventive Maintenance</p> <p>Schedule PM by mileage, calendar, or engine hours — or combine all three. Multi-trigger scheduling catches intervals that single-trigger tools miss.</p>	<p>Work Order Management</p> <p>Automatic work order generation from PM schedules. Technician assignment, time tracking, and parts-to-order binding built in.</p>
<p>Parts Inventory</p> <p>Integrated parts catalog tied directly to work orders. Reorder alerts at minimum thresholds. Vendor invoicing and warranty tracking.</p>	<p>DOT Compliance</p> <p>CDL, medical card, annual inspection, and state certification tracking. Automated alerts fire 90, 60, and 30 days before expiration.</p>
<p>Driver Certification</p> <p>Driver CDL and CDL-S endorsement tracking. Drug and alcohol test scheduling. Annual and semi-annual state inspections.</p>	<p>Fuel Tracking</p> <p>Fuel consumption, MPG trending by vehicle and by route. Identifies the bus costing more than it is worth.</p>
<p>Cost-Per-Mile Reporting</p> <p>Roll-up of every labor hour, part, fuel gallon, and outside invoice into per-vehicle cost-per-mile. Make the replacement case with real numbers.</p>	<p>FMCSA & State Reports</p> <p>Pre-built report templates for FMCSA, state DOT, and pupil-transportation-specific filings. One-click audit-ready export.</p>
<p>Audit Exports</p> <p>Every PM, work order, and certification timestamped and exportable to PDF, Excel, or CSV. Hand the state inspector a PDF, not a filing cabinet.</p>	<p>Fuel & MPG Analysis</p> <p>Multi-year total cost of ownership reports by vehicle, age, and route. Exportable to Excel, PDF, or your accounting system.</p>
<p>Email Notifications</p> <p>Alerts on PM due, certifications expiring, work orders assigned, and audit-ready exports delivered. Configurable per user.</p>	<p>Unlimited Users</p> <p>Unlimited seats, unlimited user accounts, unlimited reports. Scoped only by per-vehicle subscription.</p>

Pricing

Starting at Flat \$50 per vehicle per year

Pricing scales with fleet size. The \$50 rate applies to fleets of 100 or more vehicles. Smaller districts receive a custom quote based on fleet size. All modules are included in every license. Unlimited users. No per-user fees. No per-module fees. No implementation tax. The price you see is the price you pay.

What Is Included in Every License

- Preventive maintenance scheduling (all three trigger types)
- Work order management with technician assignment
- Parts inventory and reorder alerts
- Driver certification tracking (CDL, medical, S-endorsement)
- DOT and state compliance reports (FMCSA + state-specific)
- Fuel tracking and MPG analysis
- Cost-per-mile reporting by vehicle, age, and route
- Unlimited users, unlimited seats, unlimited reports
- On-demand and scheduled reports
- Email notifications and alerts
- Data import from spreadsheets or legacy systems
- US-based technical support — no phone tree

Why This Pricing Model

Most fleet software was built for trucking companies — long-haul, 24/7, high-utilization operations with different economics and different compliance requirements. When retrofitted for K-12, the math stops working. Per-module pricing means districts pay for maintenance, compliance, parts, and fuel as separate subscriptions. FLEETpatrol was built from day one for K-12, which is why it is priced as a single line item with everything included.

Integration Points

Integration	
ROUTEpatrol Web	Share vehicle roster so maintenance schedules track route usage. Bundle for 10–15% off across both products.
ROUTEpatrol Tablet	Pre- and post-trip inspection data routes directly into the maintenance work-order queue.
TRIPpatrol	Engine hours and odometer readings sync to PM schedules. Miles-based triggers use GPS-verified odometer, not self-reported.
DISPATCHpatrol	Mechanical breakdown alerts surface in the dispatch console with vehicle history attached.
JOURNEYpatrol	Vehicle availability validated against maintenance schedule. No field trip assigned to a bus scheduled for service.
Accounting Systems	Cost-per-mile and total cost of ownership exports push to Excel, PDF, or your accounting system.

Implementation

Rollout Timeline

Phase	Activities	Duration
Phase 1	Kickoff, spreadsheet import of vehicle roster, maintenance history, and driver certification records.	3–5 days
Phase 2	PM schedule configuration per vehicle class. Multi-trigger setup (miles / calendar / hours). Certification alert rules.	3 days
Phase 3	Parts inventory import, vendor catalog setup, reorder thresholds. Fuel tracking source configuration.	3 days
Phase 4	Shop staff training (2-hour session). Technician assignment workflow. Work-order issuance and closure.	2 days
Phase 5	Go-live. First PM cycle runs through FLEETpatrol. Legacy spreadsheets retired.	1 day
Phase 6	First-quarter review: emergency repair reduction, cost-per-mile shift, certification lapse rate, audit readiness.	90 days

Data Import Checklist

- Vehicle roster: bus numbers, VINs, year/make/model, purchase dates, current odometer.
- Maintenance history: last 12–24 months of service records where available.
- Driver roster: names, CDL numbers and expiration dates, medical card expiration dates, S-endorsement status.
- Parts inventory (if tracked): part numbers, descriptions, on-hand quantities, vendors.
- Fuel log or fuel-card data for the last 12 months.

Typical ROI

An 18–32% reduction in emergency repair costs for a 50-bus fleet translates to roughly \$40K–\$80K in annual savings — well above the cost of FLEETpatrol (\$2,500/year at the flat rate). For most districts, the platform pays for itself in a single avoided breakdown. Bundle with ROUTEpatrol Web for an additional 10–15% savings across both products.

Get Started

Every district rollout starts with a 30-minute walkthrough tailored to your fleet, district size, and existing stack. We use your actual student count and fleet numbers to show what the platform looks like in your shop, not a generic demo.

Request a Demo

Phone: 866-740-8994

Web: busboss.com/demo/schedule

Email: sales@busboss.com

About Orbit Software

Orbit Software, Inc. has built transportation management software for K-12 school districts since 2000. The Patrol Suite is used by districts across 31 states, supporting fleets from 10 buses to 400+. All development and support are US-based from our Pottstown, Pennsylvania headquarters.

Bundle Pricing Available

FLEETpatrol integrates with every other product in the Patrol Suite. Bundle two or more products for 10–15% off across the full subscription. Contact sales for a custom quote based on your fleet size and product mix.

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