



TRAFFIC SYSTEMS & TECHNOLOGY

PATS

Portable Analytics Trailer Systems

Trailer-Based Traffic & Safety Data Collection | No Infrastructure Required

DEPLOY ANYWHERE • NO POLES • SOLAR POWERED • ALL-WEATHER • EASY RELOCATION • 360° VIEWING AREA

24/7 Continuous Collection	18+ Data Metrics Per Location	3D Gap & Headway Analysis	Live Real-Time Web Access	Any Site Rural · Urban · Temporary
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FOR DOT & PUBLIC AGENCIES

Stretch Your Budget Further

Build in-house data collection capability. Run before/after studies, justify new installations, and identify quick-win strategies — without new infrastructure investment.

Minimal Staff Burden

Once deployed, collect weeks of data. Web access gives live data without daily site visits, freeing your team for higher-value work.

Strengthen Grant Applications

Near-miss events, pedestrian counts, and safety data provide the objective evidence federal funders require for HSIP, RAISE, and Vision Zero applications.

Network-Wide Coverage

Works at rural intersections, temporary sites, and locations with no existing infrastructure. Systematically assess your entire jurisdiction.

FOR TRAFFIC CONSULTANTS & ENGINEERS

Win More Projects

Differentiate your proposals with advanced multi-sensor capabilities. Wider fields of view, richer datasets, and more compelling deliverables set you apart.

Safer, Faster Deployments

No subcontractor scheduling delays. Deploy on your timeline, meet aggressive deadlines, and reduce liability by limiting team exposure at live intersections.

More Impactful Deliverables

The system automatically creates real-time video clips and live web access let you create interactive deliverables. Clients remember and reference your reports long after project close.

Identify Vision Zero Opportunities

Near-miss analysis and pedestrian conflict data give you the evidence to justify and prioritize safety investments and position your firm as a safety-first partner.

COMPREHENSIVE DATA COLLECTION — All From One Deployment

- ✓ 24/7 Volume Counts
- ✓ Vehicle Classification
- ✓ Speed Analysis
- ✓ Turning Movement & Counts
- ✓ Pedestrian & Bicycle Counts
- ✓ Outside & Outside Crosswalk Conflicts
- ✓ Near-Miss Safety Analysis
- ✓ Gap & Headway Analysis (3D)
- ✓ Queue Length Measurement
- ✓ Reports & Visualizations
- ✓ Live Clips & Real-Time Web Access
- ✓ Red Light Running *
- ✓ Green Allocation & Phase Interval *
- ✓ Split Trends & Failures *
- ✓ Approach Delay *

* Available when connected to signal controller

WHY TRAILER-BASED?

No Infrastructure • Solar + Battery • Easy Relocation • All-Weather • Multi-Sensor • Wide-Area Views

Traditional data collection requires poles, crews, and infrastructure that often doesn't exist where you need it most. PATS puts a complete sensing platform exactly where you need it in hours. **Ask about our Pole Mount systems for those tough locations.**

FLEXIBLE ACCESS MODELS

Rental Weekly, monthly, or seasonal rates	Purchase Full control, ongoing support included	Full Service We handle deployment and pickup.
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Ready to Deploy? Request a demo or site assessment, get data instantly.

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