

Every detail, every mile. In real time.

With Zonar[®] under the hood.



Thomas
BUILT BUSES
Because every mile matters[™]

Innovation on board

Many Minotour® and Saf-T-Liner® bus models, including the C2 Jouley®, come line-installed with the Zonar V4™ telematics control unit. If you're buying a brand new vehicle, have a V4 installed for you. That's leading smart fleet hardware and a lower TCO already under the hood when you get the keys.

Zonar smart fleet management opens the window into how your Thomas Built school buses perform in the real world. Activate your free 60-day Zonar subscription to enable the V4 telematics control unit (TCU). Then monitor and manage your Zonar-enabled buses through the solution's secure, online fleet management platform, Ground Traffic Control®. Track each vehicle's location, speed and idling—in real time, while it's on route. And access a full suite of Zonar services and reports, as well as real-time data on dozens of bus functions.

Thomas Built Buses has been driving smart, innovative transportation since 1916. Our partnership with Zonar is one more way we show our commitment to helping your fleet perform its best.





Ready to activate

Thomas Built installs the Zonar V4 by connecting it directly to our multiplex wiring system. This enables the Zonar telematics system to monitor multiple vehicle features and activities in real time, and deliver immediate performance data.

And this solution can be configured and reconfigured over the air, without rewiring. All it takes is a phone call to make changes and adjustments.



Zonar V4 connects directly to our multiplex wiring system



Multiplex wiring system allows multiple electronic messages to travel through the same datalink wire

Online, anytime fleet monitoring

See real-time location, activity and performance from any desktop, laptop, tablet and smartphone. Set alerts for unsafe and inefficient driving behaviors, including speeding, excessive idling, hard cornering and out-of-route miles. Track key bus functions such as wheelchair-lift activations, stop-arm operations, and door openings and closings. Plus, enhance overall efficiency, down to driver performance and idling.

More insight gives you more control over your buses and greater peace of mind.

Standard with Zonar subscription

- High-def GPS location tracking, and intelligent logging that captures detailed vehicle activity
- Built-in 4G LTE connectivity
- Live Maps to view real-time bus location and status
- Secure, online fleet management platform
- Detailed activity, efficiency, performance and vehicle health reports
- High-resolution path data to view actual vehicle trip information
- Idle reporting to see which vehicles were idling over company policy—and where
- Dynamic geofencing to see which buses left the yard late, early or on time
- Speed reporting to identify when and where specific vehicles traveled over the speed limit
- Real-time alerts sent to your inbox
- 24/7/365 U.S.-based Zonar support for Zonar

Other available add-on Zonar solutions

- EVIR[®] electronic verified inspection and sanitization reporting system
- Digital ridership tracking with Zonar Z Pass[®]
- Instant right student, right stop verification with Zonar Verify™
- Parent-facing app for tracking bus locations, changes and ETAs using Zonar MyView™
- Digital employee time & attendance with Zonar Access™
- Real-world idling tracking with Zonar ZFuel™
- Onboard, real-time driver coaching using Zonar Coach™
- Precision turn-by-turn navigation with Zonar OnRoute™ for every route, field trip and outing
- Contactless technologies, including Zonar-enabled driver tablets
- Expanded fleet and driver capabilities through a library of Zonar apps and third-party apps



Real-time coaching for every driver

Safety is one of Thomas Built Buses' guiding priorities. And Zonar Coach is one more way to safeguard your student riders. Have Coach installed aftermarket, so it can scan the road with its HD dashcam, and monitor the bus's activity every mile of the trip. When it detects one of seven key, unsafe incidents, Coach immediately alerts the driver to self-correct then and there.

Every driver can operate more safely. Review trip footage and performance metrics with each driver, and open productive discussions for improvement.

Healthier vehicles, lower TCO

Well-maintained buses lower your overall TCO. Healthy buses are also less likely to break down and strand students by the side of a busy road. Use Zonar vehicle health solutions to reduce breakdowns and downtime—and their associated costs.

Zonar remote diagnostics features predictive and preventative solutions to keep your buses rolling on time and transporting students safely. Identify issues before they become serious. Integrate with third-party maintenance platforms. Automate preventative maintenance scheduling.

Enhanced safety for students

Every mile of every route, safety is the highest priority. The Minotour and Saf-T-Liner bus models C2, EFX, HDX and C2 Jouley wiring system enables easy aftermarket installation of Zonar Z Pass for digital ridership tracking, so you know who rode which bus, when.

Student riders scan their passive, school-issued RFID card as they get on and off the bus. As they do, Z Pass records the date, time and school ID number assigned to that card. If there's an emergency, immediately see who's still on and who got off, where. Plus, improve routes and utilization, and even streamline Medicaid reimbursement reporting.



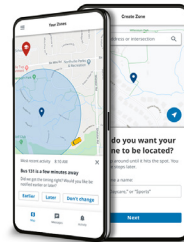
Students scan their passive RFID cards as they board and exit the bus. Z Pass captures the date, time, location and ID assigned to that card.

Peace of mind for parents

We care about student safety. Parents care even more. The Zonar MyView mobile app enables clear, timely communication with parents and guardians to keep them in the loop at all times.

They track their child's bus and define alert zones on their mobile device. You communicate day-of changes, route changes, updated ETAs, breakdowns, substitutions and other critical information directly through the app. All while ensuring student data security with a few simple steps.

Safety and innovation. Two reasons we partner with Zonar to make these solutions available to you.



Parents and guardians track their child's bus with precision, using their mobile device.





Talking lower TCO

By making a Zonar V4 TCU available, Thomas Built Buses Saf-T-Liner and Minotour model vehicles are equipped to deliver insightful vehicle data. Improve overall fleet efficiency, safeguard student riders and maximize uptime. All with fewer upfront costs if you choose factory installation. Plus, if you already have Zonar-equipped TBBs, opt into the free Zonar 60-day trial subscription, so you can make sure the solution is right for your fleet before making a commitment.

One more way Thomas Built Buses shows our commitment to delivering innovative solutions for making your fleet safer and more efficient—while lowering your TCO.



Fewer upfront costs

When you opt for the Zonar V4 to be factory-fit, you pay one simple upfront fee.



Free Zonar trial subscription

Use the 60-day free trial to activate the V4 and start seeing how your buses perform in detail, in the real world.



The Thomas Advantage

Founded in 1916, Thomas Built Buses is a leading manufacturer of school buses in North America. Since the first Thomas Built bus rolled off the assembly line, the company has been committed to delivering the smartest and most innovative buses in the industry. Each bus comes with thorough market expertise, an extensive dealer network and all the customer support, service and parts availability you need.

To learn more or find a local dealer, visit www.thomasbus.com.

Thomas Built Buses

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