C1 SmartRide

Transforming school bus commutes with Wi-Fi and safety monitoring solutions

C1 SmartRide is a comprehensive school bus Wi-Fi and safety monitoring solution tailored for K-12 school districts. This innovative offering provides students with consistent internet access during their commute, enabling them to engage in learning, research, and homework while on the move. Additionally, C1 SmartRide includes options for enhanced safety, route management, and real-time monitoring, ensuring peace of mind for students, parents, and school administrators.

SmartRide core features

Ruggedized routers for reliable connectivity
- Dual-modem cellular wireless routers ensure consistent and seamless internet access.
- Designed to withstand the demands of daily school bus operations.

Wireless carrier connectivity
- High-performance connections supporting multiple carriers minimize downtime.
- Connectivity switches between carriers for internet access.

External antennas for superior coverage
- Ruggedized antennas mounted on the bus roof or rear.
- Enhanced signal reception ensures reliable coverage throughout the route.

CIPA compliance for student safety
- Adheres to the Children's Internet Protection Act (CIPA).
- Includes robust content filtering to keep students safe online, either via our routers or integration with school firewalls.

Optional advanced features

Telematics technology for driver and bus insights
- Deters reckless driving and enhances rider behavior with data-driven insights.
- Captures essential information on driver performance, vehicle health, fuel consumption, and maintenance needs.
- Video capture aids in accident investigation, training, and accountability.

AI safety and surveillance
- Real-time in-cab alerts prioritize safe-practice driving conditions.
- A cloud dashboard monitors unsafe conditions, collision threats, and potential danger around the bus.

Route and rider management
- Ensures operational efficiency with real-time tracking of bus locations and delays.
- Rider-management features provide accurate rider logs, enhancing accountability and informing parents of their child's whereabouts.

GPS tracking for smarter transportation
- Improves student safety with real-time GPS monitoring.
- Compares planned routes against actual trips to optimize maintenance, sustainability, and performance.

The advantages of C1 SmartRide

This trusted K-12 solution is backed by expert support teams to keep it running smoothly for years to come. With comprehensive digital access, students stay connected and can keep learning—even on the go.

Enhanced safety features like GPS tracking, real-time alerts, and advanced surveillance provide peace of mind for parents and staff. Plus, efficient route and rider management makes operations simpler and more accountable.

Learn more

Empower your school district with cutting-edge technology that makes student commutes safer, efficient, and more connected.

For more details about implementing C1 SmartRide, **contact us today**!