



Viasat Digital Bus

Managed connectivity for bus operators



Viasat Digital Bus elevates the passenger experience, enhances visibility and control, and streamlines the operational tech stack for bus operators.

Viasat Digital Bus combines enterprise-grade satellite connectivity with bonded cellular coverage. Together with real-time data insights and a customizable passenger portal, it keeps bus fleets connected — even in rural or low-coverage areas — while reducing complexity, unlocking new revenue streams, and cutting OPEX.

Designed specifically for commercial land mobility, Viasat Digital Bus offers more than just Wi-Fi: it brings together connectivity, system monitoring, telemetry integration, and advertising capabilities into a single, scalable service.

Empower your fleet with seamless internet access, operational intelligence, and a platform built to grow with you.

Benefits



Boost passenger experience

with high-speed Wi-Fi throughout journeys, including congested or remote areas.



Operate efficiently

with our all-in-one solution for connectivity, hardware, installation, and long-term support.



Simplify your tech stack

with unified connectivity for telemetry, cameras, and tracking.



Optimize spend

with custom service plans and bandwidth allocation.

In action

Use cases

- › High-speed internet and onboard entertainment for passengers
- › Real-time system diagnostics, health checks, and OTA updates
- › Secure, resilient connectivity for onboard cameras and telematics
- › Seamless connectivity through rural and low-coverage routes
- › Monitoring occupancy trends
- › Package delivery
- › Enhanced fleet management
- › Personalized and location-based marketing through captive portal
- › Intelligent route optimization



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Features



Hybrid connectivity

delivered by intelligently aggregating LEO satellite and cellular networks.



Operator platform:

Real-time dashboards for system health, telemetry, and occupancy analytics.



Mobility-grade hardware:

Field-tested, weatherproof, high-capacity antennas and install options for both retrofit and line-fit builds.



Enterprise-grade security:

Advanced protection helps ensure passenger data and operational systems remain secure.

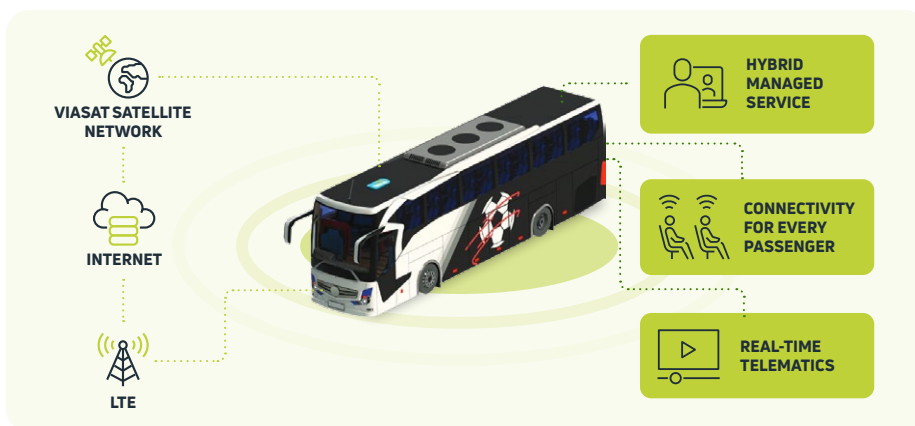


Custom passenger portal:

Branded, mobile-friendly access with support for surveys, advertising, and APIs for data integration.

Connectivity and commercial

- **Viasat Digital Bus Unleashed:** Aggregates satellite and cellular networks for reliable, high-quality coverage, even in rural or congested areas.
- **Viasat Digital Bus Connect:** Fully managed bonded cellular service with intelligent session management and traffic shaping for optimal performance.
- Custom SLAs informed by real-world usage and performance data.
- Flexible service plans aligned to route profiles and application priorities.
- Smart bandwidth allocation across video, telemetry, passenger use, and more.
- Modular hardware and flexible terms support both pilots and full-scale deployments.
- Multiple integration paths depending on fleet type and OEM collaboration.



In-brief: A fully managed solution with hybrid connectivity. Bonded multi-SIM cellular + satellite. Passenger Wi-Fi. Live insights and telemetry integration.



Networking hardware: Integrated router with bonded satellite and cellular links (up to 4 SIMs), dynamic session management, and built-in Wi-Fi access point for uninterrupted service.



Satellite antenna footprint (maximum): 56 x 45 x 12 cm (22" x 17.7" x 4.7")



Cellular antenna footprint (maximum): Height 36mm, 130 mm DIA



Power consumption: 135W operating average, requires 24VDC supply at 15A



Latency: Typically under 100ms

Discover how Viasat Digital Bus can deliver better connectivity for your passengers — and better visibility for your operations.

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