



Satellite Technology for Trailer Tracking

The Best Solution for Reliable Results

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This month, we focused on how satellite trailer tracking is transforming fleet visibility, efficiency and ROI.

We showed why satellite is the most reliable option for modern trailer tracking - because dependable data isn't optional anymore.

Not all satellites are the same. We made it easy to understand the key differences and why they matter for your fleet.

Plus, we sat down with Martin Jefferson from Globalstar to explain how satellite technology has evolved - and why it's now one of the smartest choices for tracking trailers.

Satellite Technology Blog

[Read the blog](#)



Satellite: Gold Standard of Trailer Tracking

Our latest blog breaks down how satellite connectivity delivers unmatched coverage, reduces hidden costs, and keeps your operations moving — no matter where your trailers go.

What Are The Differences Between Satellites?

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TGI CONNECT
EFFICIENT TRAILER TRACKING

Why Satellite?

Satellite tracking offers reliable, uninterrupted coverage across North America — even in remote yards, cross-border routes, and off-grid regions.

With consistent performance and independence from local infrastructure, it's a secure, dependable choice for trailer visibility and asset protection.

Not all satellites are equal

Type	Orbit Altitude	Latency	Mobility	Sustainability	Coverage Gaps
LEO - Low Earth Orbit (e.g., Globalstar)	500 - 2,000 km	Low	High - ideal for moving vehicles	High	Minimal
MEO - Medium Earth Orbit (e.g., GPS)	2,000 - 35,000 km	Medium	Medium	Medium	Some gaps
GEO - Geostationary (e.g., TV weather)	35,786 km	High	Low - doesn't move from its spot	Low	Significant in obstructed areas

TGI Connect uses the Low Earth Orbit Satellite network

Feature	LEO Satellite	Alternatives
Coverage Area	Global, including rural/remote	Regional, heavily populated areas
Signal Reliability	Consistent - requires only a view of the sky	Drops in rural, forested, or disaster areas
Infrastructure Dependence	Sky-based - immune to power outages	Ground towers + power grid
Cross-Border Capability	Seamless across countries	Requires roaming + handoffs
Scalability	Scales without infrastructure costs	Limited by tower infrastructure

What are the differences in satellites?

Not all satellites are created equal. Our quick-read guide explains key differences like LEO, MEO and GEO satellites and why it matters for your tracking reliability.

TGI Connect & Globalstar Q&A

Read the article

TGI CONNECT

How Satellite Tech Is The Future For Trailer Tracking

What you should consider when looking at satellite?

Choosing a Future-Ready Network Partner

Trailer Visibility = Business Clarity

Globalstar Q&A with Martin Jefferson

Gain insights from an industry expert on how satellite networks work, what makes them resilient, and why more fleets are making the switch from cellular.

Updated MCM Features:

Here are the latest upgrades designed to streamline and enhance your experience with our product. These features are based on direct user feedback and aim to drive customer satisfaction.

Quick Temperature View on the Map

- Now see the latest temperature readings directly on the map when you hover over a sensor-equipped asset—no need to run a report! Works with both Vizicube and Thermo Sensors (tankers), and displays in °C and °F.

Smarter Email Search for Reports

- When scheduling a report, just start typing an email—our system will auto-suggest matching users from your database. No more guessing or typing full addresses!

Reach out to your account manager today for more details!

