

RUGGED MOBILE COMPUTING BUILT FOR TRANSIT

RANGER IS A RUGGED, COMPACT COMPUTER, BUILT FOR THE TRANSIT INDUSTRY.

A rugged in-vehicle computer, Ranger is proven to withstand the harsh transit environment. Ranger meets military specifications for vibration and shock, as well as the international standard for water ingress protection. With internal antennas, Ranger is tamper resistant and easy to install and maintain. A life cycle of 7+ years significantly lowers an agency's Total Cost of Ownership.

📍 BUILT FOR TRANSIT

- ✔ Reduce human error by automatically capturing arrival and departure times as well as odometer readings all in real-time for your Paratransit and Fixed Route fleets.
- ✔ Automatically update Fixed Route operators regarding their on time performance.
- ✔ Fixed Route and Paratransit Dispatchers will easily determine how their vehicles are performing compared to their schedules with live data.
- ✔ Rangers offer a dual-boot solution for shared vehicles between Fixed Route & Paratransit for a seamless integration.



📍 TWO-WAY COMMUNICATION

Real-time electronic communication connects drivers and dispatchers. Ranger's integrated VoIP capabilities provide a voice solution for your fleet and Wifi and LTE capabilities ensures communication is low-cost and safe.

BENEFITS

- LTE Wireless Data Modem
- 72 Channel GPS Receiver
- Optional Rear-view camera interface
- Optional VoIP Hands-free calling
- Internal Antennas
- G-Force Sensor
- Telemetry Inputs

RETURN ON INVESTMENT

- Faster dispatching
- Lower fuel costs
- Improved response times to customer calls
- Better vehicle maintenance
- Lower staffing maintenance

IN-VEHICLE NAVIGATION

Up-to-date maps and audible turn-by-turn voice prompts help demand response drivers quickly reach their destination, improving response times and lowering fuel consumption.

INTERNAL 4G LTE MODEM

Internal antennas mean fewer external connections, an easier installation, and are less prone to damage or tampering. High efficiency antennas meet wireless carrier requirements to assure wireless coverage is as good as it can be.

VEHICLE TELEMATICS

Ranger collects GPS-based vehicle tracking data, but then goes further to deliver even more. It collects and reports on driver behavior such as incidents of extreme G-Force (identifying harsh braking or swerving), speeding, and excessive idling, helping to improve fuel efficiency and increase safety. Real-time vehicle diagnostic data is captured, making fleet maintenance programs more efficient.

AUTOMATED DISPATCHING

Ranger facilitates real-time, on-the-fly electronic dispatching. Dispatchers can make schedule changes throughout the day which are sent immediately to the driver's Ranger. Additionally, drivers can accept trips with a single click, speeding the dispatching process and eliminating frustrating phone or radio calls.

DUAL-BOOT RANGER

The Ranger hardware offers the flexibility to use your vehicles for both fixed route and on-demand service. Dual-boot functionality allows for:

- Vehicle operators to choose the appropriate application, depending on whether they are operating fixed route or on-demand service
- A single MDT spares pool, minimizing on-hand inventory costs
- Dispatchers to view and manage the entire fleet within a single screen

SPECIFICATIONS

- 6.5" VGA TFT Color Display
- Touchscreen
- 72-Channel GPS Receiver
- Wi-Fi Wireless Data Modem (802.11 b/g/n)
- Increased CPU speed by 66%
- Improved vehicle telematics
- Turn-by-turn navigation
- Electronic fare payment
- Optional Rear-view camera interface
- Optional VoIP options
- Telemetry Inputs (J1708, J1939)
- Audio Inputs/Outputs
- G-Force Sensor (accelerometer)
- Internal Antennas

MOVING » « TOGETHER

TripSpark Technologies is a transportation technology company focused on helping Fixed Route, Paratransit, Rideshare and private operators increase service and access to transportation, improve rider satisfaction, drive revenue, and overcome operational challenges. We are not just a vendor—we are your long-term strategic partner, offering the latest technologies and providing exceptional support.

www.tripspark.com | info@tripspark.com

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