

Getac

Rugged Mobile Computing Solutions



Virtual-GPS

One GPS, Multiple Applications

Getac VGPS (Virtual Global Positioning System) Utility replicates the physical GPS data to multiple COM ports to help ensure operational efficiency.

Discover a fast and reliable way to manage up to 5 x GPS applications simultaneously.



One GPS, Multiple Applications

VGPS splits one GPS COM port into multiple for a maximum of 5 software applications at the same time.



Extend the Capability of Legacy Applications

Transition legacy software to new Getac hardware, such as AVL, CAD, or GIS which require COM port interface.



Seamless Integration

Fully integrated with all Getac devices equipped with GPS. Automatically detect the Baud Rate and COM port settings during the installation.

Ensure your Industry-Specific Applications Run Seamlessly



Virtual-GPS is an App that replicates the GPS data to multiple virtual COM ports, allowing the functionality of different software applications running simultaneously on your Getac device.

Virtual-GPS is a fast and reliable way to manage the COM ports for up to 5 x GPS applications.

Software Features



Up to 5 GPS Applications Simultaneously

Enables use of multiple legacy Apps that without VGPS, could not run concurrently due to COM Port restrictions. Thoroughly tested with dual frequency and all satellite types. Optimises data throughput for compatibility with various legacy apps.



GPS Based Time Calibration

Offers GPS-based time calibration as an alternative to the typical Windows system time calibration with an internet NTP server. Useful in mission-critical situations where internet usage for time calibration may not be allowed. Beneficial for customers who may be restricted from connecting to an NTP server.



GPS Sensor Data for Windows Location API

Both legacy and new apps can use GPS data simultaneously. Maintains maximum compatibility with Windows Ecosystem.



COM Port DTR / RTS Signals

Resolves common issues with integrated GPS modules and ensures GPS data flow to VGPS COM Ports. Functions as the communication bridge between GPS modules and legacy apps.



NMEA Sentence Filtering

Boosts legacy app response rate. Addresses legacy software compatibility issues that can only receive specific NMEA (National Marine Electronics Association) sentences. Reduces the likelihood of dropped sentences.



NMEA Sentence Logs

Records data that allows for location tracking and review through logs. Facilitates quick checks of device modules to ensure their functionality. Logs can serve as a source of compliance confirmation.

For a Wide Range of Applications and Getac Models



Public Safety

- Police • EMS/Ambulance/ePCR
- Fire & Rescue



Utilities

- Field Service
- Parts Tracking • Asset Tracking



Transportation

- Field Workers
- Passenger Handling • Inventory Tracking

F110* , K120 , S410* , S510 , UX10 , V110*

*Support from F110G4, S410G2, V110G4

B360 , F110* , K120 , S410* , S510 , UX10 , V110*

*Support from F110G4, S410G2, V110G4

A140 , B360 , F110* , S410* , S510 , UX10 , V110* , X600

*Support from F110G4, S410G2, V110G4

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