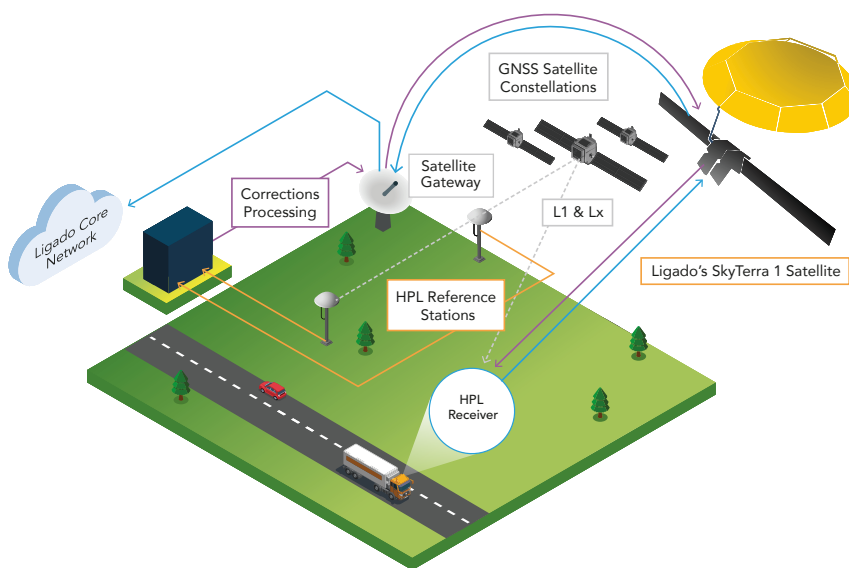


Seamless Connectivity Makes Ultra-Reliable High Precision Location Feasible

Localization powered by Global Navigation Satellite Systems (GNSS) is pervasive in consumer and enterprise applications, ranging from smartphone maps and vehicle navigation to fleet management. But emerging applications, such as autonomous machines and unmanned vehicles, require centimeter-level accuracy. To deliver such High Precision Location services, signals from GNSS constellations must be supplemented with correction data. Currently, however, high precision is achieved only in low volume, high cost industrial solutions.

A COST-EFFECTIVE SOLUTION FOR ALL IOT APPLICATIONS

Ligado Networks is developing a carrier-grade network that integrates our satellite connectivity with precision GNSS technologies. Ligado's L-band satellite enables pervasive, scalable and efficient delivery of high-bandwidth GNSS correction data to low power, small form factor mobile devices. As a result, a much wider array of IoT applications will be able to gain access to economical High Precision Location services.



GREATER SAFETY, ENHANCED AUTOMATION AND OPERATIONAL EFFICIENCIES BEING DEVELOPED

- More efficient operation of critical business processes through autonomous vehicle solutions
- Enhanced rail safety through improved situational awareness and inspection of rail lines using Unmanned Aerial Vehicles (UAVs)
- Improved worker safety through UAV linear inspections of power lines and pipelines
- More accurate location information for emergency first responders during rescue operations during rescue operations

Commercial Trucking Use Case: Ligado will generate and deliver correction data to commercial trucks throughout its North American satellite footprint, enabling precise location.

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