

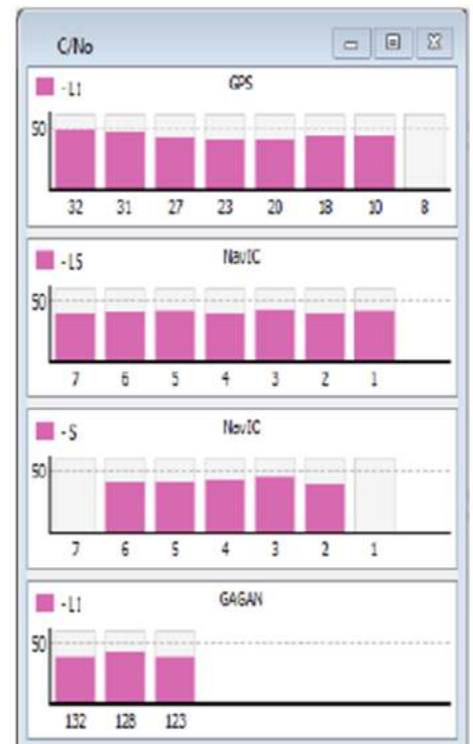
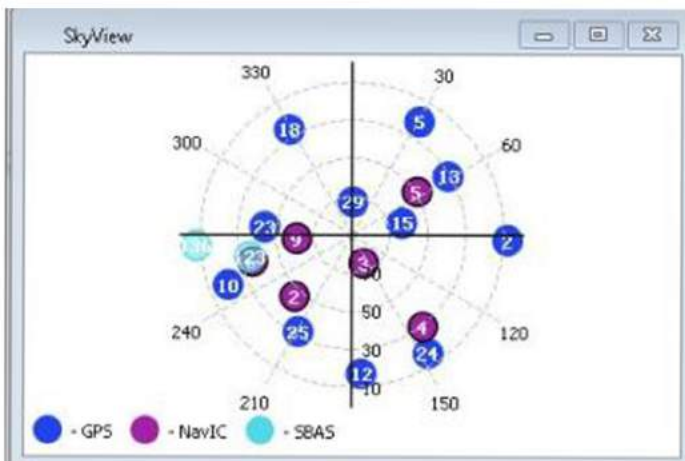
NavIC Module

Elena's NavIC Modules are multi-GNSS and can receive NavIC (S and L5 Bands), GPS (L1, L2), GLONASS (L1), and SBAS. They are compact and easy to integrate into any GNSS circuit.



The latest Module ELNMB2D is a third generation processor from Elena. It is very compact (36.1mm x 45.7mm x 5.1mm), high performance, military-grade and versatile. The modules have been tested extensively all around the country by various agencies and is proved to be the best to receive NavIC signals. NavIC signals enable continuous coverage without break in service.

The multi-band receiver permits high accuracy, achieved is 0.3m dispersion. The L1, L5 bands permit working through foliage and congested areas. The S band gives high performance in Indian region during inclement weather and works even in very narrow visibility cone.



ANTENNA

Through indigenous R&D, Elena has best suited NavIC antennae. It has dual-band (L1, L5), Tri-band (L1, L5, S), and Quad-band (L1, L2, L5, S), all-in-view high-precision antenna. Under each category, it has got many variants to cater to various applications.



Dualband Antenna

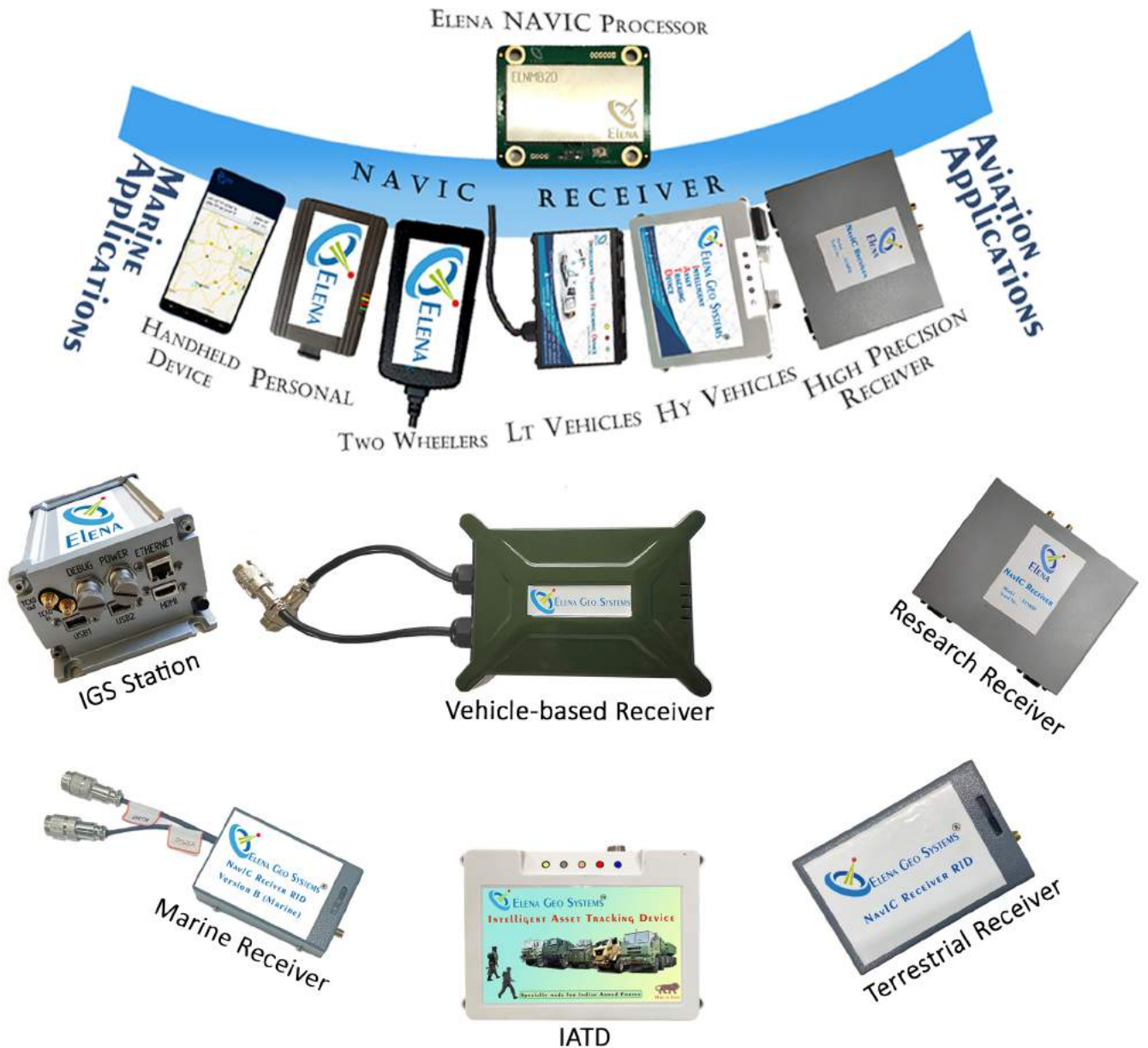


Triband Antenna



RECEIVERS

Elena has designed and developed NavIC products which are large in range and depth to cater for all types of user segments. We have products for research domain and high-precision applications. We also have receivers for low-precision, low-cost segment. All products are tested and verified in Indian environment. The Receivers bring full GNSS services to user applications with all advantages of NavIC such as Availability, Accuracy, Reliability and Integrity.



INTELLIGENT TRACKING DEVICES



IVTD

Elena IVTD is an advanced vehicle tracking device designed and developed in India which can be used for tracking various types of vehicles. It is a unique Indian monitoring system conforming to Indian standards. It includes tracking device that is compact, water proof and very easy to install. It has in-built intelligence that can be configured for working in various environments and to dynamically change its behaviour. It can work on standalone mode with internal power for substantial duration and also has battery saving capacity.

IATD is a very versatile tracking device that can be used for tracking of varied types assets by the corporates. The range includes, railway wagons, heavy commercial vehicles, containers etc. It has in-built intelligence that can be configured for working in various environments and to dynamically change its behaviour based on the application. The dynamic tuning feature of IATD helps in tracking the same asset around the world using any satellite system. It can operate for 6 to 7 days without charging.



IATD