

# NavCom Launches Onyx Software-upgradeable GNSS OEM Board



NavCom Technology has released the Onyx multi-frequency GNSS OEM board. Offering integrated StarFire/RTK GNSS capabilities, Onyx features 255-channel tracking, including multi-constellation support for GPS, GLONASS, Beidou and Galileo. It also provides first-rate performance in GNSS receiver sensitivity and signal tracking as well as patented multi-path mitigation, interference rejection and anti-jamming capabilities.

The new Onyx GNSS OEM board is a fully upgradeable GNSS receiver, allowing the receiver to upgrade from free DGPS signal sources such as WAAS to increased accuracy services with integrated features StarFire with Rapid Recovery or RTK with RTK Extend through software optioning alone. The software enabled features are sold in convenient software bundles, but can also be purchased individually, to suit changing application

needs. Integrated StarFire is activated via an Over-the-Air licensing system that sends a StarFire License via satellite directly to the StarFire capable receiver from NavCom's StarFire operations center. StarFire, NavCom's Global Satellite Based Augmentation System (SBAS), provides real-time global 5-centimeter accuracy without a base station.

The release of Onyx advances NavCom's ability to grow products and services meeting the customer driven demands of uptime, accuracy, and feature rich capabilities, said Steve Ault, NavCom's GNSS product marketing manager. [NavCom](https://www.navcom-inc.com) continues to innovate the StarFire technology through the advanced capabilities inherent to Onyx which will be fully realised over the life of this new product, Ault added.