

ArWest Selected by Topcon Positioning Systems

ArWest Communications Corporation (CA, USA) has been awarded a contract by Topcon Positions Systems to provide 1 Watt UHF transceivers integrated within the Topcon GR-3 triple constellation RTK Satellite Receiver.

The initial award involves the delivery of several thousand radios by September 2007. This award includes the provision of an OEM Module complete with UHF/BlueTooth/Cell Phone (European and US GSM) and higher power Base Stations.

ArWest designers have applied advanced technology components and implemented the most unique, cost effective and expandable DSP based narrow-band software intensive ("Soft") radio modem. Plug-and-Play design provides self tuning and calibration, maximum performance, unmatched long distance coverage and robust enough to withstand adverse conditions. They provides a high-speed Point-to-Point and Point-to-Multipoint wireless data transfer at up to 38.4 kbps. AWare software supports user selectable modulation techniques allowing the user to achieve the highest data speed for a given range (up to 50 miles). They also include selectable forward error corrections, which improve radio modem performance under interference, multipath and other intense environmental conditions.

<https://www.gim-international.com/content/news/arwest-selected-by-topcon-positioning-systems>
