

New Products from Trimble

At Intergeo, Trimble (CA, USA) has introduced the Trimble R6 GPS System and Trimble Business Center Software.

With GLONASS capability available through the R-Track technology Global Navigation Satellite System (GNSS) option, the Trimble R6 GPS System enables users to augment GPS and view more satellites for enhanced positioning success in challenging environments. The new Trimble Business Center Software enables users to easily import GNSS field data for processing and export to the design software of choice. In addition, the Trimble 5600 Total Station has been updated to take advantage of the latest data controller technology.

The Trimble R6 GPS System comprises a Trimble R6 GPS receiver, Trimble TSC2 or Trimble CU controller, Trimble field software, and the new Trimble Business Center office software.

The Trimble R6 GPS System is an all-in-one, compact unit that features a multi-channel, multi-frequency GPS receiver, antenna, data-link radio and battery. The Trimble R6 GPS combines a receiver, powered by a new RTK engine, with a system design to provide maximum accuracy and productivity. Along with GPS capabilities, optional GLONASS augmentation enables GLONASS signals to be used for enhanced positioning, offering surveyors increased field efficiency and reduced downtime.

The systems flexible communication options include: an internal 450 MHz radio option for use as a cable-free base station, and an internal GSM/GPRS option for Internet connectivity and use as a rover in a Trimble VRS[®] (Virtual Reference Station) network.

The Trimble R6 GPS System can be used with the Trimble TSC2 or Trimble CU controller, providing more flexibility when choosing a data collection device. The Trimble TSC2 handheld controller and the attachable Trimble CU controller both run the latest Microsoft Windows operating system, so office data is seamlessly applied in the field.

The new Trimble Business Center Software enables surveyors to access Trimble R-Track satellite-receiving technology on their desktop. The software allows users to import GNSS field data for processing and export to the design software of choice. Trimble Business Center Software quickly processes baselines to generate sub-centimetre results. The software performs data reduction, computation, QA/QC and network adjustments. It also provides field error correction tools, visualisation tools, and powerful spatial data management capabilities that bring a new level of productivity and efficiency to the surveying and civil engineering office.

The Trimble 5600 has been updated to operate with the latest data controller technology. By adding the Trimble CU controller, users can now use the latest Microsoft Windows operating system and Trimble field software. New features include easy-to-use keyboard controls, increased processing power and memory, flexible communications options, Integrated Surveying capabilities as well as GPS Search technology, which uses GPS to guide a 5600 total station to the rover pole in seconds to make robotic surveying even more efficient.

The Trimble R6 GPS System, Trimble Business Center Software and Trimble CU Controller for the Trimble 5600 Total Station are expected to be available in October 2006.