

Ordnance Detection Aided by ProMark 120



Bombariado, headquartered in Hungary, has upgraded its detection capabilities with the addition of the Spectra Precision ProMark 120 GNSS system to its mobile unexploded ordnance-locating equipment. The ProMark 120, which replaced a mobile GIS receiver, provides significantly more precision without compromising on weight.

The ProMark 120 has recently been helpful in healing the wounds in Hortobágy National Park on the Great Hungarian Plain in Eastern Hungary. Established in 1973, Hungary's first national park is rich in cultural history, but it is also the repository of unexploded ordnance (UXO) from its days as a bombing range for Soviet warplanes. Bombariado has found the centimetre-level accuracy of the ProMark 120 of great help in establishing the precise coordinates for detected ordnance.

According to András Koklács, a spokesperson for Bombariado, the decision to upgrade the system to the ProMark120 was fourfold. The ProMark 120 offers low weight, excellent price and performance, easy integration with the PDA, and cost free RTK corrections from the GPSCOM Ltd. base station.

Bombariado's mobile mine detection system consists of a ferrous locator, data collector, field computer, Bluetooth adapter and the ProMark 120. The ProMark 120 achieves the desired real time accuracy that is required by receiving RTK corrections via Direct IP protocol from a ProFlex 500 base station operated by GPSCOM Ltd, a Budapest telecommunications and GNSS company and Spectra Precision dealer. The ProMark 120 sends position information via NMEA messages by cable to a Bluetooth adapter then on to the PDA, which records and displays the position and detected information.

For more info on this product [see here](#).

Image: Spectra Precision Promark 120 in a different application.