

# Canadian Differential GPS Service Secures Funding

Canada's Differential GPS (CDGPS) correction service has received a timely commitment from federal, provincial and territorial government sponsors to continue its nation-wide broadcasts improving GPS accuracy until at least 2010.

CDGPS typically improves mobile GPS horizontal accuracy to about one metre at 95% confidence across the entire Canadian land mass and adjacent offshore as far north as 75°. It is the only such service covering Canada from coast to coast to coast.

This improvement to GPS accuracy generated by Natural Resources Canada is free - a public service of the sponsoring governments. The free broadcast corrections can be accessed by GPS receivers that have been designed to receive and apply the CDGPS corrections. A developer's toolkit for OEM's is available at no charge to efficiently decode the openly-specified, CDGPS Air Protocol. For end users no additional equipment, licenses or subscription fees are required to access the correction service.

This commitment to continue service is welcomed by NovAtel Inc. who announced their OEMV family of receiver engines including models that are CDGPS enabled. NovAtel is recognized as a leader in developing GNSS equipment that combines GPS and L-Band into a common receiver capable of accessing CDGPS signals to provide positioning results in the national spatial reference frame, NAD83. By extension, system integrators and manufacturers such as Beeline (AGCO), Kodiak, Nav Solutions, Raven and Sokkia offer CDGPS capable products through their use of NovAtel GNSS receivers.

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<https://www.gim-international.com/content/news/canadian-differential-gps-service-secures-funding>

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