

Leica Offers Compliance Path to all GNSS systems

By the end of this decade, four independent Global Navigation Satellite Systems (GNSS) will be operational. Today only the American GPS system is fully operational, and the Russian GLONASS system is rapidly approaching full operational status. These two systems will soon be complimented by the European Galileo system, and the Chinese Compass system. A four constellation GNSS is just around the corner to deliver improved GNSS performance and efficiency, and Leica Geosystems is ready.

Both China and Europe have begun the deployment of their GNSS systems with the launch of test satellites. Current planning shows that the Chinese system, known as the Compass Navigation Satellite System (CNSS) or "BeiDou", its Chinese name, will provide navigation and positioning service before 2010. At this time, the European Galileo system will also be progressing towards full operational status.

With the Future Proof design of Leica System 1200, all GNSS sensors can be upgraded to support all four constellations to offer additional benefits in performance and survey efficiency. Although system providers have not fully defined what signal restrictions they will apply, Leica Geosystems is a manufacturer that can already offer a compliance upgrade path to all four satellite systems which is based on publicly available system definition. In addition, Leica Geosystems will offer upgradeability to the most modern and most accurate Galileo AltBOC signal.

<https://www.gim-international.com/content/news/leica-offers-compliance-path-to-all-gnss-systems>
