



Press Release

For immediate distribution

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Hexagon's "RTK From the Sky" brings instant GNSS accuracy worldwide

Under a minute PPP convergence for centimeter-level accuracy on land, air and marine applications around the world

(Calgary, Canada, November 19, 2020) – Research from Hexagon's Autonomy & Positioning division has resulted in breakthrough innovations in precise point positioning (PPP) that enable nearly instant global centimeter-level accuracy. These developments pave the way to bring "RTK From the Sky" performance to worldwide users through correction service products and GNSS receivers from Hexagon.

"RTK From the Sky" technology provides the quick accuracy of an RTK solution with the high accessibility and availability of PPP. Users will no longer have geographic or regional infrastructure restrictions – they will be free to operate anywhere around the world with the same premium level of positioning performance. "RTK From the Sky" technology removes the traditional PPP barrier of long convergence times as well as internet and radio communication limitations, delivering instantaneous convergence anywhere in the world. This breakthrough establishes the foundation for assured positioning with no downtime in marine, agriculture, and autonomous applications.

To achieve these results, there must be masterful attention to detail throughout the entire positioning ecosystem: no errors conveniently cancelled and no errors ignored. All errors are carefully estimated and removed from the final GNSS position faster and more reliably than ever before. This end-to-end fine-tuning of measurement quality and error mitigation establishes the foundation for "RTK From the Sky" performance. No matter the location or application, users will be able to rely upon the highest availability and accuracy of corrections anywhere in the world, without the convergence time.

"In 2020, PPP has become RTK – without the mobility limitations," said Sandy Kennedy, VP of Innovation at Hexagon's Autonomy & Positioning division. "'RTK From the Sky' has been a very satisfying development. To see this kind of positioning performance available anywhere in the world is the realization of the next step of innovation for GNSS."

"RTK From the Sky" technology will be the foundation for future correction service products and applications from Hexagon built for diverse applications. For more information, read [Hexagon's white paper here](#).

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About Hexagon

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's [Autonomy & Positioning division](#) is a global technology leader, pioneering end-to-end solutions for assured positioning for land, sea, and air. Its solutions power intelligent positioning ecosystems in vital industries and safety-of-life applications, enabling the advancement of the Autonomous X (cars, UAVs, industrial vehicles, trains, vessels, and more). The division includes leading brands [NovAtel](#), [Veripos](#), and [AutonomouStuff](#).

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 3.9bn EUR. Learn more at [hexagon.com](https://www.hexagon.com) and follow us [@HexagonAB](https://twitter.com/HexagonAB).