

# RTK Positioning Accuracy Maintained during Outages for up to 20 Minutes

During Intergeo, NovAtel introduced its RTK ASSIST service, a subscription-based service that provides users with satellite-delivered correction data to seamlessly continue centimetre-level accuracy during Real Time Kinematic (RTK) correction outages caused by communication disruptions. Users are able to maintain RTK-level performance for up to 20 minutes, reducing any associated downtime and optimising solution productivity.

RTK is a method of achieving cm-level accuracy with GNSS. However, if the RTK correction data link to the receiver is interrupted, performance degrades quickly. RTK ASSIST subscribers are able to maintain the accuracy of their positioning solution during these interruptions, avoiding any down-time. [RTK ASSIST](#) is suited for applications where there are potential obstructions, dead spots, and/or baseline limitations that would cause RTK network correction losses for short periods of time.

---

<https://www.hydro-international.com/content/news/up-to-20-minutes-rtk-positioning-accuracy-during-outages>

---