

POWERED BY

Aptella
AUTOMATION +
POSITIONING TECH



NETWORK GNSS SOLUTIONS





What is AllDayRTK?

AllDayRTK records and distributes GNSS position correction information using a network of Continuously Operating Reference Stations (CORS).

AllDayRTK is purpose-built to meet the rigour and quality required for the demanding tasks of all geospatial applications and civil infrastructure projects across Australia and New Zealand.

How does AllDayRTK provide better reliability?

AllDayRTK uses state-of-the-art processing platforms across multiple servers and data centres to provide efficient, low-latency processing and highly available robust infrastructure. Backed by professional support services, AllDayRTK helps you get the job done now as well as support future applications.

Why are accurate GNSS Heights difficult to achieve?

The ionosphere is the cause of the largest errors in Differential GNSS. As a good rule of thumb these errors are often expressed in parts per million (ppm) where 1ppm equates to 1mm per km.

By including CORS sites from Aptella with government owned sites, we can provide redundancy, independent of government infrastructure. Our sites ensure low-latency data transfer for instantaneous processing.

Importantly, by including additional sites in high-activity growth areas, AllDayRTK customers typically benefit from shorter baselines that reduce distance-dependent GNSS error sources. In this way, AllDayRTK can claim improvements in GNSS height performance.

AllDayRTK Pricing Strategy

AllDayRTK has built a reputation for better reliability, better performance and the best quality amongst CORS service providers in Australia. To maintain our leadership position as the most valued CORS service, AllDayRTK subscription prices have not been increased since 2014!

Our tailored AllDayRTK products are designed for maximum flexibility and best value to meet a variety of our customers' needs.

AllDayRTK Products

- > AllDayRTK – purpose built positioning infrastructure in high-activity areas
- > PLUS – premium national product for multi-GNSS, RINEX and web tools
- > SITE – flexibility to choose a suitable package at specific site locations
- > Focus – managed services for major projects
- > RINEX – customers who only require post-mission RINEX products





AllDayRTK Products / Services

Features	AllDayRTK	AllDayRTK Plus	AllDayRTK Site	AllDayRTK Focus	AllDayRTK RINEX
Account Services					
Subscription Management	●	●	●	●	●
Live Status		●		●	
RINEX		●		●	●
Constellations					
GPS + GLONASS	●	●	●	●	●
+ Galileo + QZSS + BeiDou		●*	●*	●*	●*
Network Infrastructure					
Type	Australia Wide	Australia Wide	Single Site	Managed Project Site	
Message Types					
MSM5		●	●	●	
RTCM30	●	●	●	●	
DGPS	●	●	●	●	
CMR+	●	●	●	●	

* Site hardware dependent



AllDayRTK PLUS


Premium national product for multi-GNSS, RINEX and web tools

AllDayRTK PLUS is a premium national product that includes access to multi-GNSS signals, from all available CORS. AllDayRTK supports applications from autonomous public transport to Internet of Things (IoT) and remotely piloted aircraft (RPAS), with RINEX data for post-mission and web-based support tools.

Prices have not been increased since 2014 representing the best value for national pricing. Customers also receive a discount after purchasing their first 12-month subscription.

AllDayRTK PLUS Advantages

- > Premium national product with access to all available sites and services
- > Full multi-GNSS support (all available signals and constellations)
- > Access to Live status and sub administration modules to track live operational and subscription status
- > Access to unlimited RINEX v2 and v3 data from all CORS
- > Support for GDA94 and GDA2020 Datums



“ we don't seek quotes from all service providers to find the best price anymore because GNSS corrections are not just a vanilla product – we go straight to AllDayRTK because we know we get quality and service that suits our specific needs





AllDayRTK Site

Flexibility to choose a suitable package at specific site locations

AllDayRTK SITE helps our customers working at specific site locations with the flexibility to choose a site package suitable for combinations of multiple machines and rover kits over defined time periods.

AllDayRTK Site ensures all GNSS machine control systems and survey rovers have access to the network for accurate positioning over the duration of the project.

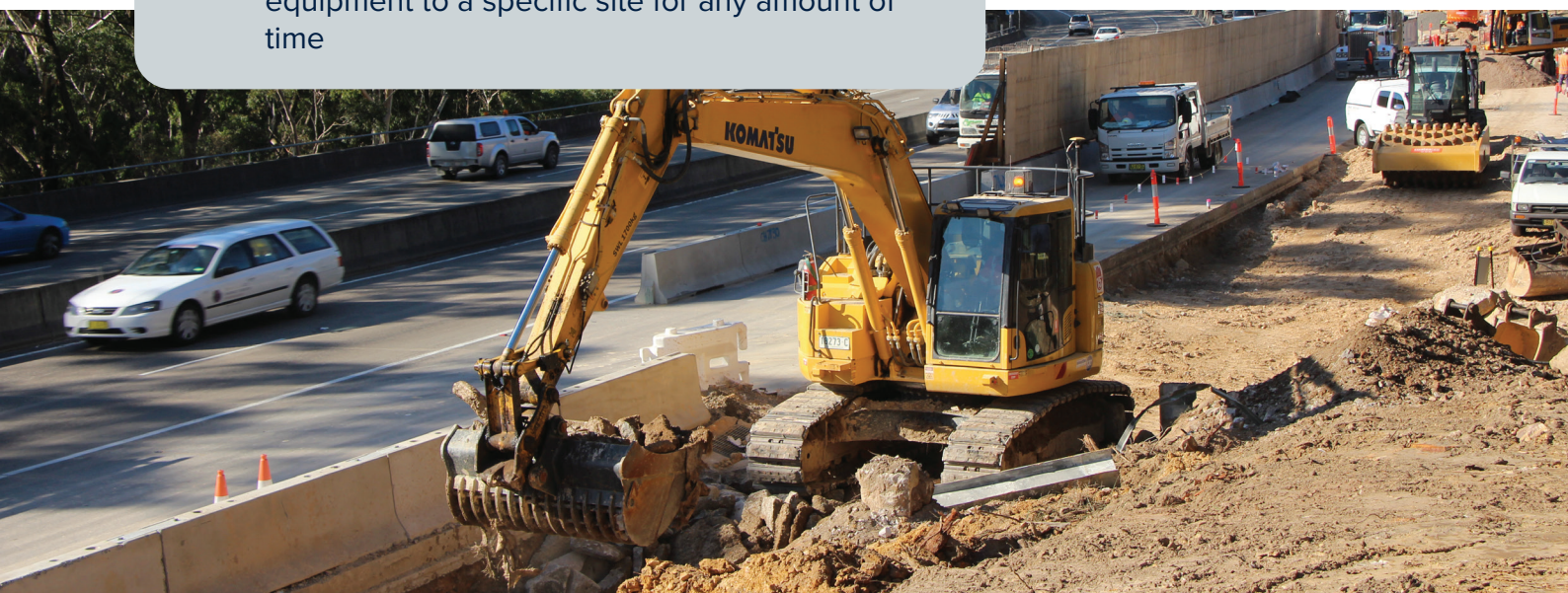
AllDayRTK Site Advantages

- > Flexible subscriptions options for a specific job site
- > Sub administration module for managing multiple machines and rovers



“

AllDayRTK Site provides our team with the reliability and flexibility to bring any piece of equipment to a specific site for any amount of time



AllDayRTK Focus

Managed services for major projects

AllDayRTK Focus is a managed service specifically designed for major projects, delivering site-wide network GNSS positioning with maximum reliability and accuracy.

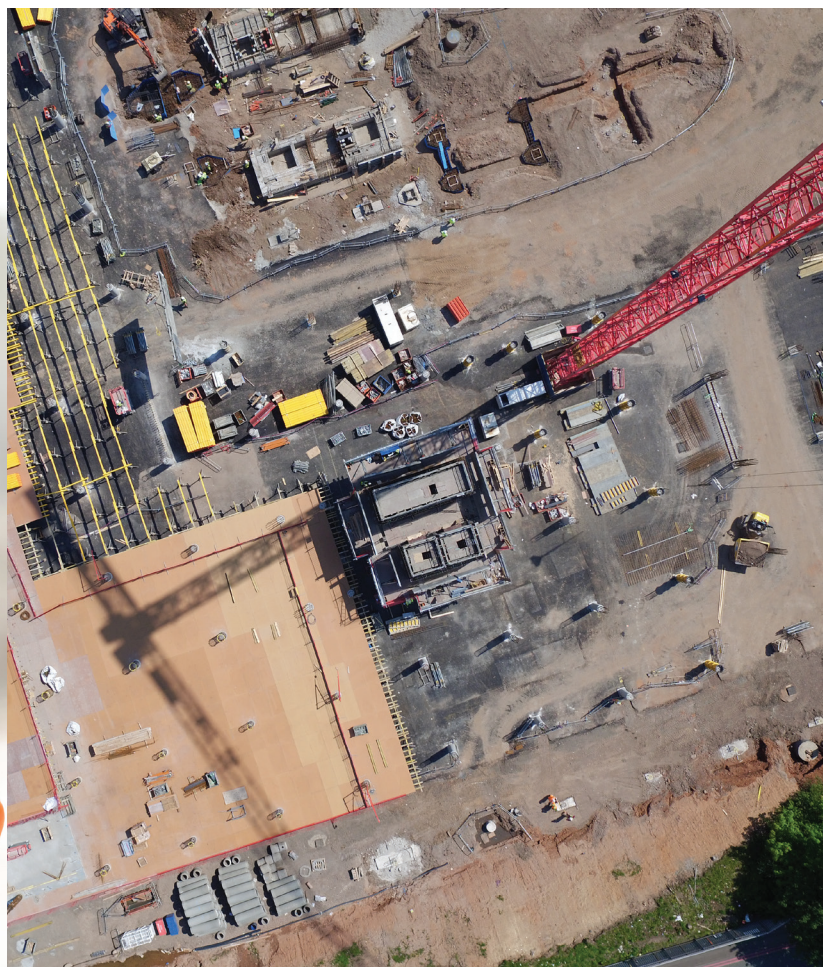
By supplementing existing AllDayRTK network infrastructure with dedicated site bases, AllDayRTK Focus offers a tailored network positioning solution with managed signal access for specific project teams.

Hosted on a secure, Australian server and backed by Aptella' national team of positioning experts, AllDayRTK Focus delivers ultimate network stability, rapid deployment and project support.

AllDayRTK Focus helps to manage machines, foreman and sub-contractors working at project sites from one simple package.

AllDayRTK Focus Advantages

- > Support for local, GDA94 and GDA2020 Datums
- > Access to all Multi-GNSS Signals (GPS + GLONASS + QZSS + BeiDou + Galileo)
- > Project wide RINEX data
- > Web support tools, Live status for sites, machines and rovers,
- > Sub administration module for detailed management of log-ins and sub-contractors
- > Customised reporting tools
- > Geo-fence features for automatic access to sites





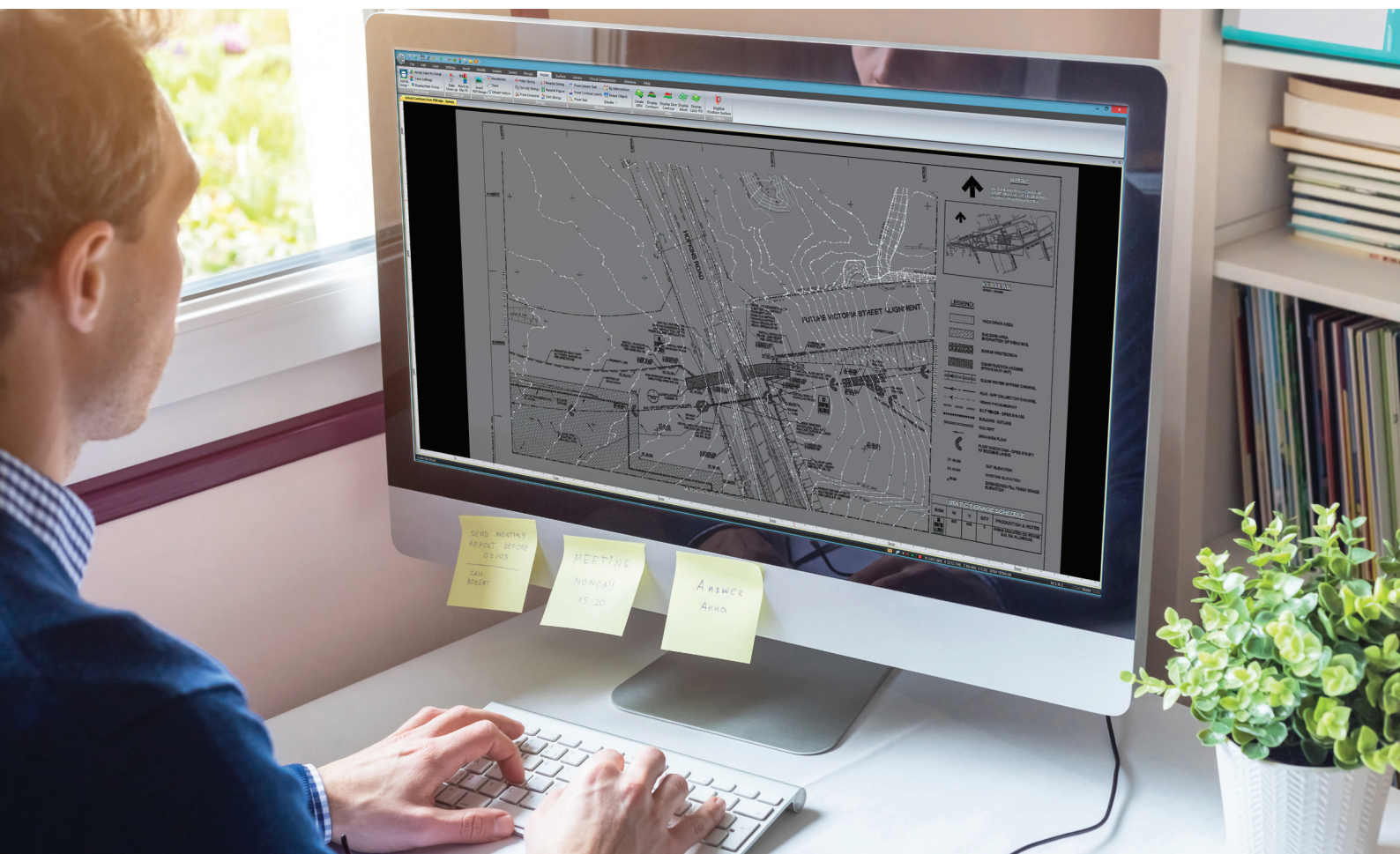
AIIDayRTK RINEX

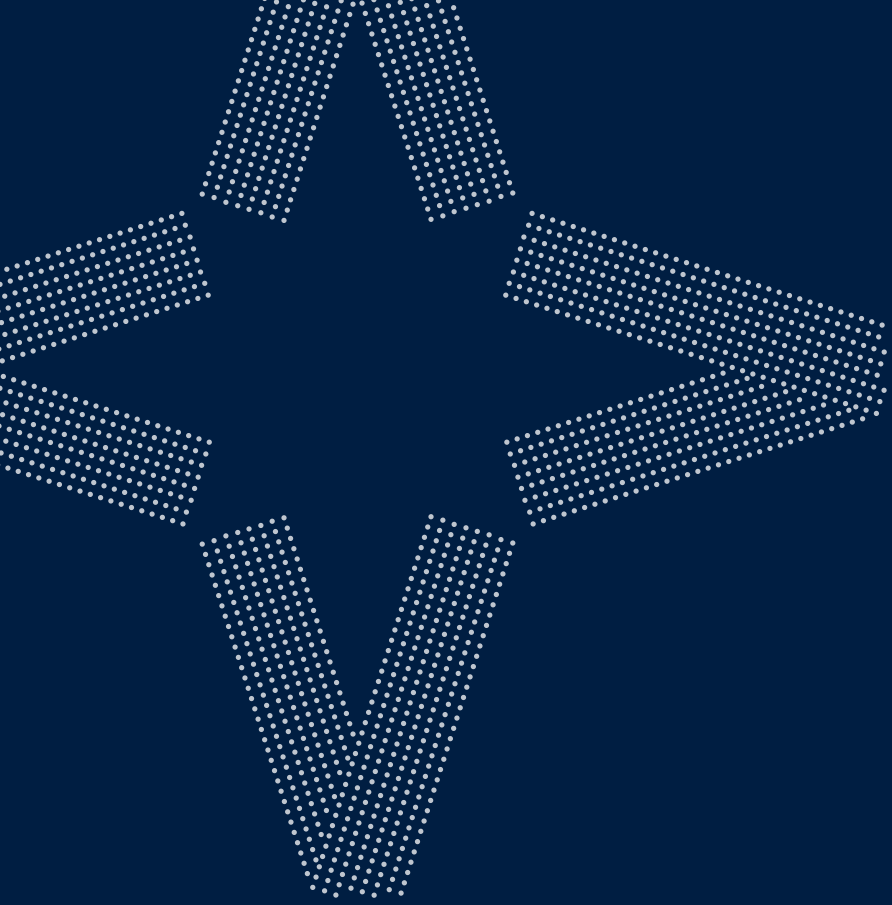
Customers who only require post-mission RINEX products

Get access to Receiver Independent Exchange Format (RINEX) data for use in a wide spectrum of applications. From geodetic control networks to mobile scanning, remotely-piloted aircraft (RPAS), we offer users the flexibility to select the time period, epoch, station range and more.

RINEX files are used to add GNSS corrections to data that is being post-processed. This improves the accuracy of the data being used.

RINEX data is available for specific AIIDayRTK stations or larger areas as required.





Aptella

AUTOMATION +
POSITIONING TECH

➤ SOLUTION READY

aptella.com | 1300 867 266