Design and Build: To design and build a real-time network you need to consider the local geography, land ownership, climate, data communications and power supply resources. Operational models and budgets also factor into any design. Trimble has a dedicated team of hardware and software engineers with over 20 years of RTN experience, that are continually advancing the capabilities of products and systems. This team can help you design and build a network solution tailored to your operational requirements.

Operate: Trimble Network Operations team understands the intricacies of operating a 24/7 real-time network. They provide expertise and an in-depth understanding of how to optimize performance of any real-time network configuration. If you have an existing network that requires operational support, or plan to expand your network in the future, Trimble can help. We manage over a billion acres (445 million hectares) of network coverage today, with the capacity to manage billions more. No network is too large or small – and the level of support can range from general consultation to complete operational and maintenance responsibility around the clock. Just let us know what you need.

RTN Customer Experiences

California Survey and Drafting

Establishing an RTN enabled California Surveying and Drafting Supply (CSDS) to provide RTK corrections to their wide range of customers. Since 2003, surveyors, engineers, construction site managers and farmers from Redding to Bakersfield, California, and areas of Nevada, achieve up to centimeter precision using the CSDS RTN.

"Our customers needed to be assured that high-quality data would be available 24/7. There is so much movement from earthquakes and other forces in California that data was often compromised. We knew an RTN was the solution to the problem and would benefit our customers' businesses, allowing them to enjoy reduced expenses and reliable operation. It's a win-win for everyone."

Ed Morrison
Systems Administrator, CSDS

Swisstopo

The Automated GPS Network of Switzerland (AGNES) was the first real-time GNSS network to cover an entire country. AGNES, operated by swisstopo manages 31 RTN stations comprising of Trimble NetR9™ GNSS receivers and Trimble Choke ring antennas and use Trimble's Pivot Platform data processing software.

"The majority of swispos users work in construction, cadastral and engineering construction, the data provided by the RTN enables positioning professionals to use flexible, cost-efficient data. On any given work day typically 300-400 of the 2,300 plus subscribers are active."

Urs Wild
Swisstopo Manager

Accurate and Reliable

Trimble Dealer Address

NORTH AMERICA
Trimble Inc.
Advanced Positioning
10368 Westmoor Drive
Westminster CO 80021
USA
1-888-8792-207 (Toll Free)

EUROPE
Trimble Germany GmbH
Am Prime Parc 11
65479 Raunheim
GERMANY
+49-6142-2100-0 Phone

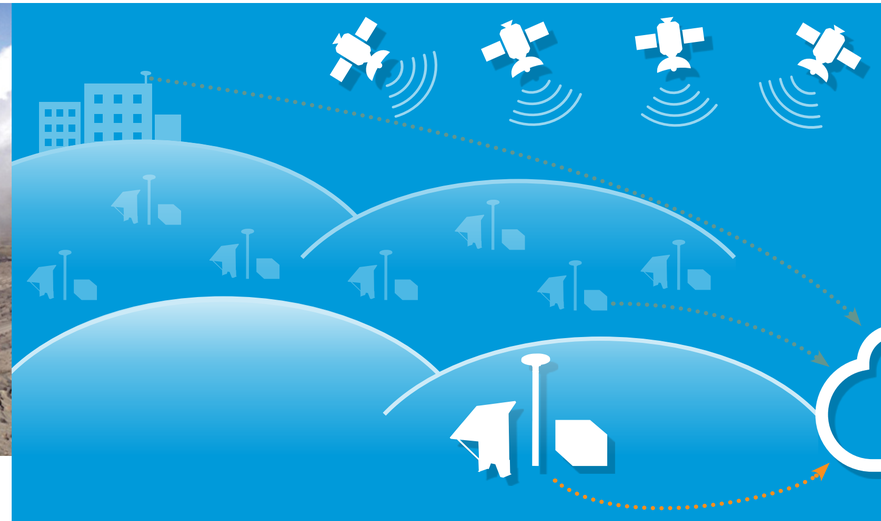
ASIA-PACIFIC
Trimble Navigation
Singapore Pty Limited
80 Marine Parade Road
#22-06, Parkway Parade
Singapore 449269
+65-6348-2212 Phone

Email: rtns.sales@trimble.com

Real-Time Networks

Trimble Real-Time Networks

Real-time network (RTN) users demand high quality data available around the clock. Trimble® supports enterprises all over the world to design, build and operate real-time networks for any industry. From countrywide networks to international survey companies, transportation departments to universities, and even agricultural resellers, many organizations and businesses have benefited from real-time network solutions from Trimble. With over 20 years of dedicated experience, Trimble has the products and people you need to establish and maintain an accurate and reliable real-time network.



Trimble Pivot Platform, Real-Time Network Software

Based on the most up-to-date server software technology, Trimble Pivot™ Platform is a scalable framework that delivers exceptional system performance and flexible configuration depending on your requirements. With applications (apps) available for your specific workflow, The Pivot platform can seamlessly deliver consistent high quality data from hundreds of reference stations for numerous users simultaneously. The Trimble Pivot platform is a turnkey solution that will drive down the cost of maintaining your real-time network.

Pivot Apps

VRS3Net App

This unique scalable platform optimizes the performance and reliability of real-time networks by providing continuous network modeled Real Time Kinematic (RTK) corrections and post processed data to an unlimited number of users in the coverage area.

Pivot RTX App

Using Trimble RTX technology the Pivot RTX app performs absolute position estimation and coordinate integrity monitoring in real-time. Providing optimal performance in dynamic geographies.

Online Processing App

This app enables field users to send data and receive post-processed positions via the web service. When working in areas with limited or no availability of real-time corrections, post processing is essential for high accuracy data.

For more apps visit **www.trimble.com/RTN**

Antenna Options

Each antenna delivers exacting performance that real-time network operators require to ensure the reliability of service and delivery of information. Trimble provides three antenna designs that delivers on a wide range of operational goals including standards, specifications, and budgets.

Trimble Alloy GNSS Reference Receiver

The new Trimble Alloy™ GNSS receiver provides network operators a robust and reliable solution for real-time networks in any environment. With features such as modernized GNSS tracking, Trimble RTX™ technology, a powerful processor, dual hot-swappable batteries, ethernet and Wi-Fi® support for easy configuration and data transfer – you can be sure your data will meet your needs now, and well into the future.

Solar Cabinets

Trimble solar enclosures provide the required power and protection for your real-time network stations. Thorough design and supplied hardware will meet all power and security requirements, even in the most demanding locations.

Field User Operating in the Network

- Surveyors
- Cadastral
- Utilities
- GIS
- Construction