Build to your needs now – Be ready for the future

With GNSS Spider you only invest in what is necessary for your current needs. As requirements change and demand grows, it is easy to add stations extending your network coverage or add extra capabilities enhancing your scope of services.

Efficient – Easy to Setup & Configure

Use the setup wizard or simple drag & drop to create new sites and configure networks. With just a few clicks you can create products and services for RINEX logging with quality control and FTP distribution. Likewise, comfortably add real time data services with choice of a variety of communication channels, data formats and authentication methods.

Reliable – Continuous & Automatic

Once configured and started, all services run automatically and autonomously integrated within the operating system – fail-safe for highest reliability. Data for post processing is continuously archived, monitored and distributed. Rovers connect to various Network RTK or DGPS services for real time positioning using a variety of flexible methods, automatically receiving the best available solution.

Secure – Control & Audit

Monitor and control your system locally or from a remote location with no additional tools needed. Control and view online who accesses your services. Receive automatic event Email and messaging on system status any time and any where.

Your Benefits

- Efficient & secure, allowing you to focus on your strengths
- Convenient to use local or remote
- Reduces infrastructure and maintenance costs
- Upgradeable and expandable solution to protect initial investment
- GNSS Future Proof

SpiderNet - Network RTK: Technology to the MAX

Using GNSS Spider with SpiderNET for continuous network processing provides consistent high accuracy and improved RTK performance over the entire network region. This allows for even larger distances between your reference stations thus covering large areas with a minimum number of stations. Leica MAX Master Auxiliary corrections and other methods, deliver customized services in a wide range of formats with the performance and

reliability you need – it's the ideal "Win-Win" situation.

Your Benefits

For the system provider:

- Continuous service even during maintenance periods
- Best reliability with Leica Smart-Check
- Dependable with data processing redundancy
- Live audit of field rovers in map views

For the rover users:

- Increased coverage and availability
- Faster rover initializations
- Higher productivity
- Consistent high accuracy

Integrated with the Spider Business Center (SBC)

GNSS Spider fully integrates with the Spider Business Center for secure user registration and management – shared with SpiderWeb. Secure HTTPS is supported.

Spider Services

GNSS Spider provides a highly customizable platform for GNSS infrastructure. It supports applications like surveying and GIS, machine construction, precision farming, hydrographic survey and others with high accuracy corrections in real time or post processing. GNSS Spider can also manage large seismic networks and provide high speed real time monitoring of critical infrastructure such as buildings, bridges, mines and airports. With a modular architecture it can be easily scaled to suit your application and budget, large or small.

SpiderNET RTK Services – Innovation that counts

With GNSS Spider you can provide the correction data using the method, format and communication channel that best matches your customers (rovers) needs and thus allows serving a broad customer community. It supports various industry standard formats like RTCM and technologies such as Ntrip to ensure best compatibility with your client's systems.

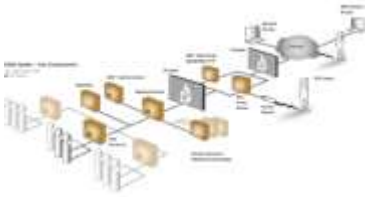
Spider Positioning Services

Using continuously streamed or periodically downloaded data, the Spider Positioning module computes station coordinates automatically and continuously in real-time or in post-processing. With proven processing algorithms tuned to monitoring applications, Spider Positioning provides excellent accuracy and reliability even with single frequency receivers.

Integrated solution for monitoring applications

Spider Positioning results smoothly interface to Leica GeoMoS and/or Leica SpiderQC for further displacement analysis, integration with other sensors and notifications based on configurable limit checks.

Versatile Architecture – reliable and secure



With GNSS Spider you have the flexibility and power to make your infrastructure the way it should be. For RTK networks IT infrastructure is rarely built from scratch. Therefore GNSS Spider is designed to blend into your existing IT environment with minimum installation and configuration effort. Security is crucial for systems exposed to the Internet, and was a key focus when developing GNSS Spider. Thus, GNSS Spider will lower your total cost of ownership (TCO), but not your security.

Leica SmartRTK: Always in focus

Users of GNSS Reference Station Networks expect their results to be consistent throughout the com-plete Network, but often they're unaware that virtually computed Reference Stations compromise consistency. Only with Leica Geosystems ingenious SmartRTK can you be sure that you're getting the best performance of your complete GNSS system. Even the new RTCM 3.1 International standard now includes correction data designed by Leica Geosystems to ensure that the results are consistent and traceable anywhere in the network. And the new atmospheric decorrelator technology provides precise positioning in all Networks regardless of the correction data.