

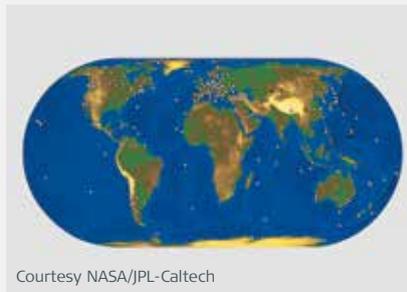
# ATHENA

## Programme for GNSS research and education



### The ATHENA programme by Leica Geosystems

ATHENA stands for 'Advanced Technology for Higher-Education and Non-profit Associations' and has the clear objective of introducing the latest GNSS and monitoring technology to the academic and research communities. The foundation of the ATHENA programme is a new set of Leica Geosystems GNSS reference station and structural monitoring product bundles specifically designed and priced to benefit academic organisations, UNAVCO-accredited members and research institutions. ATHENA is a unique opportunity to boost your research and educational activities with the latest GNSS technology.



### Research

- Latest future-proof GNSS technology
- Designed for IGS and EUREF stations
- High precision data
- External oscillator input
- Web interface, FTP file transfer and email notification
- Suite of on-board apps for data collection and sharing, and movement detection

### Education

- Learning with state-of-the-art equipment
- Robust and durable for long instrument life
- Multi-purpose instruments – for permanent installations and field campaigns

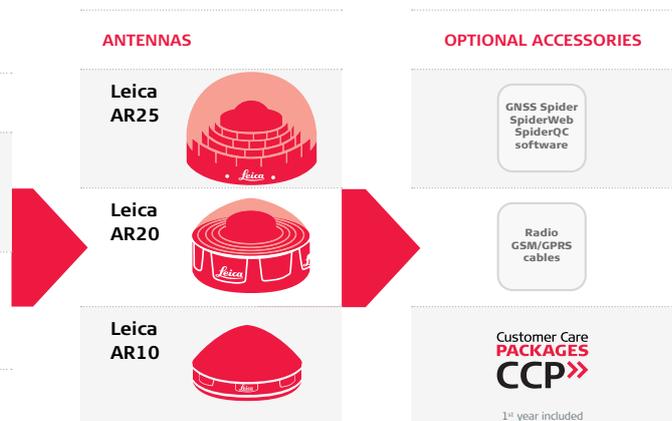
# ATHENA GNSS Reference Station bundles

Select a bundle consisting of a multi-frequency GNSS (GPS, GLONASS, Galileo, BeiDou & QZSS) capable receiver and antenna of your choice. The Leica GR30 and Leica GR50 WLAN are web enabled GNSS reference servers with streamlined workflow and advanced data management features including Smart Logging, Smart Clean-up and Smart Streaming. Additional interface ports allow connecting meteorological, tilt and other external devices. Both receivers have a rugged design and low power consumption. The versatile RefWorx firmware offers web interface configuration, RINEX logging, FTP server, SMTP Email, Ntrip and support for a wide range of real-time data formats. The unique Site Monitor and VADASE apps can be added optionally. They are ideal for a variety of real-time positions and fast motion monitoring applications.

RECEIVERS				
<b>Leica GR50 WLAN</b> 	GPS GLONASS Galileo BeiDou QZSS	RefWorx Apps: RINEX FTP Push 20Hz*	Antenna & Data Cables Power supply Power cable	Up to 32 Secure Digital (SD) card
<b>Leica GR30</b> 	GPS GLONASS Galileo BeiDou QZSS	RefWorx Apps: RINEX FTP Push 20Hz*	Antenna & Data Cables Power supply Power cable	Up to 32 Secure Digital (SD) card

\* 50Hz logging and streaming as additional option

The Leica AR10 is the most economic wideband reference station antenna with a large ground plane and integrated radome. The Leica AR20 is the high-end standard choke ring with unmatched multipath rejection, excellent phase centre characteristics and very low noise signal tracking. It is the ideal antenna for geodetic research as well as RTK networks. The Leica AR25 is a revolutionary 3D choke ring that sets new standards in low elevation tracking. Each bundle includes the essential accessories. A wide range of optional software, such as Leica GNSS Spider, Leica SpiderWeb and Leica SpiderQC are available to complement your ATHENA bundle. With the one year Customer Care Package (CCP) included, you gain access to the latest firmware releases as well as our qualified customer support team.



## How to participate

Thanks to the Leica Geosystems' ATHENA programme, any non-profit organisation that provides education and scientific research involving GNSS and structural monitoring has the potential to benefit in these rapidly growing applications. If you are interested in receiving additional information, please contact your local Leica Geosystems sales representative.

Your organisation qualifies for this special promotion if it is one of the following:

- An academic organisation – University, polytechnic, higher education college
- A research institution
- A current registered member of UNAVCO
- An organisation specifically involved in non-profit activities



**Receivers**  
Leica GR30 / GR50  
Leica GMX902 Series  
Leica GMX910



**Software**  
Leica GNSS Spider  
Leica SpiderWeb  
Leica SpiderQC



**Antennas**  
Leica AR25  
Leica AR20  
Leica AR10



**ATHENA Monitoring**



**VADASE**

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760566en – 07.16

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- when it has to be **right**

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