PRESS RELEASE

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‘Twin peaks’ offer the latest technology to those wishing to climb higher

Seismologists will be spoilt for choice with release of two new seismic recorders

Schlieren, Switzerland (Dec. 9, 2016) — GeoSIG is pleased to announce the release of its next generation of seismic recorders, which will be offered in two versions from the GMS series: **scai** and **nair**, named after two alpine peaks in Switzerland. Both instruments are highly advanced and versatile to meet the requirements of any seismological application, though **nair** boasts an impressive *147dB* (0.02-20Hz) making it suitable for weak motion precision recording.

The first showcase of **scai** and **nair** will be at the AGU Fall Meeting 2016. You can observe both instruments at GeoSIG’s booth, number 436.

“The release of our two most advanced seismic recorders to date is the perfect run up to our 25th anniversary celebration, which we will be marking in 2017,” said Serge Rudaz, Joint Managing Director of GeoSIG Ltd, noted Swiss manufacturer of seismic equipment. “Users will be offered a choice of product that best fits the needs of the project with **scai** and **nair**.”

“We continually collect customer feedback about new features they desire and carry out specific surveys to ensure that our new products meet the demands of the users. Notable requests our surveys showed were modularity, user upgradability and low cost of ownership,” said Johannes Grob, Joint Managing Director.

Both **scai** and **nair** are highly customisable, with user upgradable options such as increasing the number of channels from 3 to 6, alarm with 4 fast solid state independent relays, as well as an internal GNSS module supporting GPS, GLONASS, BeiDou and Galileo. The highly adaptable units can run GeoSIG’s Earthquake Early Warning software, and the user has the option to upgrade to Wi-Fi to ensure easy and convenient data transfer.

At its core, easy self-maintenance, diagnostic tools, self-service and repair are all intended to reduce any potential downtime; the user can replace a faulty module or upgrade with additional modules on site. As standard they come with MIL-style connectors, and are compatible with GeoDAS, GeoSIG's proprietary, multipurpose and versatile software package.

Both wired and wireless network interfaces can be used simultaneously. With their optimized installation, operation and maintenance philosophy, **scai** and **nair** offer the real possibility to implement high density arrays with an abundance of features and options.

Highly reduced cost of ownership and user friendly approach in the design make **scai** and **nair** the perfect choice for the most advanced user. There have been numerous optimisations within the architecture and the design to enhance the background operation for seamless and fast execution of the processes.

Both **scai** and **nair** are compatible with existing GeoSIG sensors and can coexist in the same network as the GMS series of recorders; the simple upgrade path makes the units "future proof." In addition, they offer support for cellular communications and GeoSIG's digital sensor system.

Other features of scai and nair include:

- Power Over Ethernet (PoE) allowing use of single cable for power and communications
- Wide input range selections from 2.5 V to 40 V as well as current loop
- Advanced sensor testing and calibration functions
- Improved web interface capabilities with live data graphs
- Native increased supply voltage range from 9 to 48 VDC
- User configurable sensor supply voltage 15VDC/24VDC
- New and improved Digital Signal Processor
- Improved LED indicators for showing instrument's status

Notes to Editors: GeoSIG is a long established Swiss company involved in research, development, manufacture, and marketing of earthquake, seismic, structural, dynamic and static monitoring and measuring products and solutions, and is represented by a network of partners worldwide. For more information, see the company's website at www.geosig.com.