

PRESS RELEASE  
Pasadena, CA  
9/9/11

Kinematics just received the following exciting message from MSNBC news:

**The EarthScope is humankind's largest and most ambitious science project!**

Kinematics' Aspen monitoring technology is used to support 2 out of 3 EarthScope project components: USArray TA and PBO seismic network. The Aspen system solution implemented in EarthScope consists of almost 600 Quanterra Q330-based data acquisition seismic subsystems and data centers that run the Antelope system software. The seismic subsystems and data centers collect and process data in real-time that provide command and control capabilities to remote Q330 subsystems.

Since the project's inception, the USArray's Median Daily Data Return (or Data Availability from ~500 stations) has been almost **99%**! Although Kinematics provided Aspen technology and its products, all credits for implementation and running the EarthScope project goes to the efforts of the IRIS and PBO dedicated teams who have made it work year after year, 24/7.

Kinematics has been pleased to provide advanced monitoring technology and its products in support of this amazing scientific project. However, it would be **impossible** for Kinematics to reflect upon its achievements without recognizing all **our customers and associates** have done for us as well.

**Please check the link below to the report from MSNBC to see how EarthScope qualifies as the largest and most ambitious science project:**

- EARTHSCOPE: Largest and most ambitious science project  
[http://www.msnbc.msn.com/id/44363598/ns/technology\\_and\\_science-future\\_of\\_technology/#.TmP4vpjKIMs](http://www.msnbc.msn.com/id/44363598/ns/technology_and_science-future_of_technology/#.TmP4vpjKIMs)

**Other links:**

- KINEMATRICS' ASPEN monitoring technology  
<http://www.kinematics.com/p-41-Aspen.aspx>
- USArray TA  
<http://anf.ucsd.edu/>
- PBO seismic network  
[http://pbo.unavco.org/network/soh\\_map](http://pbo.unavco.org/network/soh_map)
- QUANTERRA Q330-based data acquisition subsystems  
<http://www.kinematics.com/p-78-Q330.aspx>

- ANTELOPE system software  
<http://www.kinematics.com/p-145-Antelope.aspx>
- USSArray Median Daily Data Return from 500 stations  
[http://anf.ucsd.edu/tools/data\\_return\\_rates/](http://anf.ucsd.edu/tools/data_return_rates/)
- IRIS  
<http://www.iris.edu/hq/>
- PBO  
<http://pbo.unavco.org/>