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Trimble's Cloud-Based Seismic Monitoring Transforms Earthquake Event Reporting for Buildings

Trimble 4D Go for Buildings Provides Critical information for Building Stakeholders to Make Informed Decisions Quickly

SUNNYVALE, Calif., March 14, 2018 /PRNewswire/ -- Trimble (NASDAQ: TRMB) introduced today Trimble® 4D Go™ for Buildings, a software-as-a-service (SaaS) that enables a new workflow for building owners and structural engineers in seismically active areas. The service processes data from Trimble's REF TEK® monitoring hardware installed in buildings and delivers immediate notification of seismic activity, providing real-time information that can be used for faster decision making regarding structural integrity and occupant safety.

Trimble 4D Go for Buildings transforms how users access a building's earthquake event data by allowing users to receive data remotely from a web browser on any internet-enabled device, anywhere, anytime. As part of the service, shake event reports are immediately generated after an event and a hardware compliance report is available to support building code reporting requirements in many seismically active areas worldwide. In addition, the solution enables building owners to be notified if the installed monitoring hardware requires service.

Connecting seamlessly with Trimble's REF TEK accelerometers and recorders, Trimble 4D Go for Buildings monitors building movement and determines peak ground acceleration (PGA), peak ground velocity (PGV), response spectral acceleration (RSA) and other critical parameters that enable structural engineers to determine the building's movement during an earthquake.

Trimble 4D Go for Buildings provides:

- A shake event report that is delivered moments after an event occurs, containing information required by a structural engineer to help determine if the building is safe
- Automatic hardware compliance reports that can eliminate on-site visits to inspect hardware
- Easy implementation through the use of cloud-based software, removing the need for upfront software licenses and maintenance updates, which can reduce capital and organizational costs

"Trimble 4D Go for Buildings represents a modern approach to reporting on a structure's response to seismic activity," said Shawn Hilliard, business area director of Trimble's Monitoring Solutions Business Area. "Building owners and structural engineers can access shake event reports remotely, receive hardware alerts in real-time, and be confident they have the information necessary to meet regulatory requirements, with the benefits of a cloud-based service."

To learn more about the new Trimble 4D Go for Buildings and REF TEK hardware, visit:www.trimble4DGo.com.

About Trimble Monitoring Solutions

Trimble Monitoring Solutions offers systems that provide up-to-the-minute data on the condition and behavior of land or structures. This information enables project stakeholders to make efficient use of resources to address potential problems, improve safety decisions, ensure structural integrity and future-proof their investments. For more information about Trimble Monitoring Solutions, visit: www.trimble.com/monitoring.

About Trimble

Trimble is transforming the way the world works by delivering products and services that connect the physical and digital worlds. Core technologies in positioning, modeling, connectivity and data analytics enable customers to improve productivity, quality, safety and sustainability. From purpose built products to enterprise lifecycle solutions, Trimble software, hardware and services are transforming a broad range of industries such as agriculture, construction, geospatial and transportation and logistics. For more information about Trimble (NASDAQ:TRMB), visit: www.trimble.com.

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