



Bentley Systems Announces Availability of OpenGround Cloud to Increase the Value of Geotechnical Data

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New Cloud Service Assures Data Integrity for Geotechnical Information Management

EXTON, Pa. – September 10, 2020 – Bentley Systems, Incorporated, a leading global provider of comprehensive software and digital twins services for advancing the design, construction, and operations of infrastructure, today announced the availability of OpenGround Cloud, a new cloud service that enables geotechnical professionals to access reliable geotechnical data for better engineering decision support and to improve collaboration across the entire supply chain. OpenGround Cloud offers a complete solution for planning, data entry, borehole log production, lab data management, reporting, visualization, and more. The cloud service improves collaboration across multidisciplinary project teams and significantly increases the value of geotechnical data by making it easily accessible to key project stakeholders.

Geotechnical project team dynamics and the applications and services they require to manage natural resources are changing rapidly. Relevant geotechnical data is typically dispersed across various applications and devices and can be cumbersome to gather and consolidate, complicating the effective and timely use of this data. Now, with OpenGround Cloud, geotechnical engineers can readily access reliable, high-quality current and historical geotechnical data for the modeling, simulation, and analysis of infrastructure projects' ground conditions.

Scott Devoe, senior director, geotechnical information management, Bentley Systems, said, "OpenGround Cloud provides a single enterprise repository of multiple data sources for all ground investigation projects—a long-sought improvement for geotechnical and geological professionals. It eliminates the need to retain copies or to exchange data and ensures that everyone in the supply chain has the correct access rights to the most current version. As a result, OpenGround Cloud helps minimize project delays due to encountering unforeseen ground risks during construction."

Richard O'Brien, principal process engineer with Atkins, said, "From a risk management perspective, we are now able to more easily identify the gaps in data, to highlight risk items and, if required, assist in the planning of targeted ground investigations. From the tender process, when local site data availability is limited, through to detailed design, we are now able to undertake data-driven assessments to aid in our decision-making."

O'Brien added, "OpenGround Cloud gives us the ability to determine and cross-reference the organization's geotechnical parameters and correlations with those available from literature sources. Tender design is made more efficient and we can consider a wider range of site properties leading to reductions in geotechnical risk. Ground investigations are planned more effectively taking into consideration multidiscipline and multiproject data leading to reduced costs. And, detailed designs are delivered from a more complete perspective, which leads to greater value for the client."

Cedric Allenou, ground engineering lead, Lower Thames Crossing, said, "OpenGround Cloud improved the workflow for all members of the team. The various add-ins are faster within the cloud version of the database, which is useful when dealing with large datasets such as CPT data."

Allenou continued, "In addition, maintaining the link with the database when members of other organizations need to access the data has also improved the workflow due to the servers being cloud-based. As a result, external support teams can more easily solve issues that arise. The process allows rapid responses and minimizes potential downtime on the project."

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About OpenGround Cloud

OpenGround Cloud is a secure, cloud-based collaboration platform for geotechnical data management. The multiproject environment allows your team to collaborate whether they are collecting data in the field, reporting, scheduling, or integrating data with their design software. The platform has several connected apps that provide team members with the capabilities they need in a modern, intuitive, and easy-to-use environment.

www.bentley.com/OpenGroundCloud

About Bentley Systems

Bentley Systems is a leading global provider of software solutions to engineers, architects, geospatial professionals, constructors, and owner-operators for the design, construction, and operations of infrastructure. Bentley's *MicroStation*-based engineering and BIM applications, and its digital twin cloud services, advance the project delivery (*ProjectWise*) and the asset performance (*AssetWise*) of transportation and other public works, utilities, industrial and resources plants, and commercial and institutional facilities.

Bentley Systems employs more than 4,000 colleagues and generates annual revenues of more than \$700 million in 171 countries outside the United States. From inception in 1984, the company has remained majority-owned by the Bentley brothers. www.bentley.com

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