



News Release
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Bentley Announces Acquisition of C3global and Its *Amulet* Operational Analytics

Extends AssetWise for Asset Performance Modeling

EXTON, Pa., U.S.A. – Jan. 13, 2015 – Bentley Systems, Incorporated, the leading company dedicated to providing comprehensive software solutions for *sustaining infrastructure*, today announced that it has acquired U.K.-based C3global, provider of web-based *Amulet* software for operational analytics. Bentley’s [AssetWise](#) platform, which serves configuration management, asset health monitoring, inspection, maintenance, and compliance for infrastructure assets, can now deliver additional actionable insights as asset performance management is extended, through *AssetWise Amulet*, for asset performance modeling. *AssetWise Amulet* offers unique value in applying predictive and prescriptive analytics that are easily configurable at industrial scale to leverage just-in-time data for improved operational efficiencies.

Gartner recognizes C3global as part of the industrial analytics transformation helping digital businesses (as noted in Gartner’s “Industrial Analytics Revolutionizes Big Data in the Digital Business” report [G00264728], published August 19, 2014). Among the many infrastructure owner-operators benefiting from *Amulet* operational analytics are water utilities, oil and gas, and power transmission grids. User organizations include Babcock, BP, Chevron, Danfoss, Emerson, MWH, National Grid, South Australian Water, and Total.

Commenting on the acquisition, Paula Hollywood, senior analyst, ARC Advisory Group, said, “Advanced analytics helps break down the barriers between operational technology and information technology, facilitating more effective decision making. Our research shows that the use of advanced analytics can reduce costs, increase efficiency, and drive higher performance. The acquisition of C3global by Bentley Systems is a leading indicator of industrial-scale progress being made to help organizations optimize asset performance and achieve business goals.”

Bentley Systems CEO Greg Bentley said, “On behalf of all my colleagues at Bentley, I welcome the C3global team to Bentley Systems, including Co-founder and Director Dr. Neil Rothwell, Co-founder and Director Pete Kelly, and CEO David Smith. Our acquisition of *Amulet* enables another cumulative BIM advancement – beyond leveraging *design modeling*, *construction modeling*, and *reality modeling* – for enhancing infrastructure asset performance. With our [*AssetWise APM*](#) offering, we already provide comprehensive solutions for reliability-centered maintenance and risk-based inspection. By configuring *Amulet*’s proven, industrial-strength operational analytics with our market-leading engineering analysis portfolio, *optioneering* can be extended through *asset performance modeling* for just-in-time operational decisions, which can now predictively consider, beyond engineering, the relevant environmental and economic context.”

David Smith said, “All of us at C3global look forward to working side by side with our new colleagues at Bentley to further advance just-in-time data analysis for improved decision making and, ultimately, enhanced asset performance and owner-operator value. Given the unprecedented convergence of big data from the ‘Internet of Things,’ hybrid computing, and BIM’s advancement of functional engineering models – joining with Bentley to introduce *asset performance modeling* for industrial-scale infrastructure was absolutely compelling. Moreover, Bentley’s comprehensive portfolio of software for sustaining infrastructure will offer new and exciting opportunities to more broadly apply *AssetWise Amulet*’s operational analytics capabilities.”

AssetWise Amulet can be readily configured to build sophisticated applications tailored to infrastructure operations needs without having to know a programming language. It bridges the gap between information technology (IT) and operational technology (OT), enabling advanced analytics to be an integral part of all aspects of the business process. Through *AssetWise Amulet*'s interactive and easily configurable operational dashboards, owner-operators are provided with the context they need to be confident in their decisions and are afforded an easy method of measuring and managing the outcomes.

AssetWise Amulet is designed to integrate and analyze “big data” generated by a wide range of external applications and systems – from SQL or Oracle databases to enterprise data warehouses, industrial data historians, and control systems, as well as maintenance and work order management systems. The data can be structured or unstructured and include systems data, photos, video, log books, Microsoft Excel files, event failures, scanned notes, witnessed events, and more.

Once data from the IT and OT systems has been captured and aggregated, the software applies the users' business rules, models, and knowledge to provide an improved view and understanding of operational performance for decision support. In conjunction with *AssetWise*-certified integrations to SAP EAM, IBM Maximo, and Oracle eAM, *AssetWise Amulet* will help drive the right actions at the right time, reducing operational risks and improving operational efficiency.

Technology Holdings advised C3global on the transaction.

For additional information about Bentley Systems' *AssetWise Amulet* operational analytics software, visit www.bentley.com/AssetWiseAmulet.

About *AssetWise*

Bentley's *AssetWise* provides information management supporting an asset strategy for improving and maintaining performance, regulatory compliance, risk avoidance, and

optimizing maintenance, all built on a common platform. *AssetWise* provides the means to maximize asset performance aligned with asset management standards, including PAS 55 and ISO 55001.

AssetWise makes certain that assets are delivering value and meeting the needs of the business by providing operations, maintenance, and engineering with accurate and trusted information, when it is needed, to make smarter decisions, from capital planning through proactive asset care.

AssetWise applies leading information modeling and information management technologies to asset operations and, when combined with [ProjectWise](#), provides a complete lifecycle information management solution for owner-operators.

More than 380 of the [Bentley Infrastructure 500](#) top owners of infrastructure around the world are Bentley software subscribers. *AssetWise* solutions are advancing intelligent infrastructure, including for such owner-operators in oil and gas, mining, transportation, power generation and utilities with combined net infrastructure value of over \$4.5 trillion.

For additional information about *AssetWise*, visit www.bentley.com/AssetWise.

About Bentley Systems

Bentley Systems is the global leader dedicated to providing architects, engineers, geospatial professionals, constructors, and owner-operators with comprehensive software solutions for advancing the design, construction, and operations of infrastructure. Bentley users leverage information mobility across disciplines and throughout the infrastructure lifecycle to deliver better-performing projects and assets. Bentley solutions encompass *MicroStation* applications for *information modeling*, *ProjectWise* collaboration services to deliver *integrated projects*, and *AssetWise* operations services to achieve *intelligent infrastructure* – complemented by worldwide professional services and comprehensive managed services.

Founded in 1984, Bentley has more than 3,000 colleagues in over 50 countries, more than \$600 million in annual revenues, and since 2006 has invested more than \$1 billion in research, development, and acquisitions.

Additional information about Bentley is available at www.bentley.com and in [Bentley's annual report](#). For Bentley news as it happens, subscribe to an [RSS feed](#) of Bentley press releases and news alerts. Visit [The Year in Infrastructure Conference](#) for highlights of Bentley's premier thought-leadership event. To view a searchable collection of innovative infrastructure projects from the annual *Be Inspired Awards*, access Bentley's [Infrastructure Yearbooks](#). To access a professional networking site that enables members of the infrastructure community to connect, communicate, and learn from each other, visit [Bentley Communities](#).

To download the *Bentley Infrastructure 500 Top Owners* ranking, a unique global compendium of the top public- and private-sector owners of infrastructure based on the value of their cumulative infrastructure investments, visit www.bentley.com/500.

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