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News Alert

3D-P and Bentley Systems Partner to Drive Asset Performance Using Ivara EXP through Mobile Data Utilization

Hornet Intelligent Endpoint Technology to Enable Real-Time Execution of Reliability Strategy

LAS VEGAS, Nevada, U.S.A. – MINExpo 2012 – Sept. 24, 2012 – Bentley Systems, Incorporated, the leading company dedicated to providing comprehensive software solutions for *sustaining infrastructure*, and 3D-P, a leader in mobile software and hardware, today announced a partnership to deliver a long-awaited solution for the mining industry. The solution uses real-time data from the mobile fleet to make maintenance decisions and increase uptime. The integrated solution is designed to improve reliability and performance while reducing risk and costs. Joint users will employ Bentley's *Ivara EXP* to make fast and accurate maintenance decisions based on data acquired from 3D-P Hornet™ technology. Bentley Systems acquired Ivara Corporation on Sept. 17, 2012; for details, read the Bentley [press release](#) at www.bentley.com/IvaraAcquisition.

3D-P designs and builds the most rugged and technologically-advanced onboard open-sourced computing platforms and wireless networks to keep mining operations and people connected. The Hornet™ Intelligent Endpoint™ system consolidates multiple systems on a single hardened technology platform and is based on open standards. *Ivara EXP* will take the data from the

Hornet to analyze and act on for the purpose of maintenance. *Ivara EXP* Remote will run on 3D-P's new t200 Falcon™ Intelligent Tablet™, which can host multiple third-party mining applications from a single display and has a bright, rugged, and anti-reflective screen.

Bentley's *Ivara EXP* asset performance management software is a leading APM enterprise system used by the mining industry. Operators and maintenance engineers use *Ivara EXP*'s asset health dashboard to optimize asset performance and reliability, increase equipment availability, and reduce operating costs. *Ivara EXP* is a cohesive and integrated platform to develop, implement, and manage a living equipment reliability program – automating the collection, consolidation, and analysis of equipment condition data and its relative risk to the organization. *Ivara EXP* is the central system that integrates asset data management tools with field and plant process and other day-to-day operational systems, and is the engine for proactive analytics and decision making related to managing asset health, extending asset life, and mitigating risks associated with equipment failure.

“The Bentley and 3D-P partnership is in response to the need for consolidation and real-time analysis of mobile equipment condition,” said Paul Marshall, Bentley vice president, asset performance. “Bentley and 3D-P are two best-of-breed companies dedicated to ensuring the reliability and performance of mining equipment.”

“Our products are a perfect match,” commented Ron White, 3D-P's vice president of technology. “This solution is exactly what the mining industry has been asking for and needing. Bentley's *Ivara EXP* running on our t200 Falcon delivers critical applications on one single display. We have reduced technology clutter, and have made the cabs safer for miners.”

3D-P and Bentley will present a live demonstration and discuss their strategy at MINExpo 2012 in Booth #4761. For more information, contact Bentley at 1 877 746 3787, ext. 271 or 3D-P at 1 800 955 9337, ext. 2.

About 3D-P

Formed in 1996, 3D-P is headquartered in Calgary, Alberta, Canada, with offices in the United States, Australia, and South America. The company is an innovator of customer-driven, technology-advanced solutions for the mining industry, providing middleware that connects mines with operations and people. 3D-P's field-proven solutions are deployed at the largest mining companies on every continent in the world. For additional information about 3D-P, visit www.3D-P.com.

About Ivara EXP

Ivara EXP provides a cohesive and integrated approach to develop, implement, and manage a living equipment reliability program. It's the complete end-to-end solution for operational excellence that eliminates unexpected downtime, reduces operational costs, increases availability and asset utilization, ensures compliance with industry regulations and guidelines, meets safety, quality and operational targets, and eliminates islands of data. For additional information about Bentley's new *Ivara EXP* asset performance management solution, visit www.bentley.com/Ivara.

About Bentley Systems, Incorporated

Bentley is the global leader dedicated to providing architects, engineers, geospatial professionals, constructors, and owner-operators with comprehensive software solutions for sustaining infrastructure. Bentley Systems applies information mobility to improve asset performance by leveraging *information modeling* through *integrated projects* for *intelligent infrastructure*. Its solutions encompass the *MicroStation* platform for infrastructure design and modeling, the *ProjectWise* platform for infrastructure project team collaboration and work sharing, and the *AssetWise* platform for infrastructure asset operations – all supporting a broad portfolio of interoperable applications and complemented by worldwide professional services. Founded in 1984, Bentley has grown to nearly 3,000 colleagues in more than 45 countries and over \$500 million in annual revenues. Since 2003, the company 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. To view a searchable collection of innovative infrastructure projects from the annual *Be Inspired Awards*, access Bentley's [Year in Infrastructure](#) publications. To access a professional networking site that enables members of the infrastructure community to connect, communicate, and learn from each other, visit [Be 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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