CHINA RAILWAY SIYUAN SURVEY AND DESIGN GROUP STANDARDIZES ITS BRIDGE DESIGN PLATFORM ON PTC® MATHCAD®

Enables Bridge Engineers To Share and Reuse Engineering Calculation Results, Reducing Design Cycles

NEEDHAM, MA – December 7, 2009 – PTC (Nasdaq: PMTC), the Product Development Company®, today announced that China Railway Siyuan Survey and Design Group Co., Ltd. (Siyuan), one of the largest survey and design organizations in China, has successfully deployed Mathcad®, PTC’s engineering calculation software, as its standard platform for bridge design. With the deployment, Siyuan has significantly improved its design efficiency and engineering calculation collaboration.

Founded in 1953, Siyuan is one of China’s largest organizations responsible for conducting survey and design, as well as R&D for railway and related infrastructure. Some of Siyuan’s notable projects include the Jingjiu Railway, also known as the Beijing–Kowloon Line – the longest railway in China’s history; the Zhengzhou Station, the biggest railway hub in Asia; the Dayao Mountain Tunnel, the longest two-way electronic rail tunnel in China and Guangzhou – Shenzhen high-speed railway, the first high-speed railway in China. Currently, Siyuan is planning and designing the Beijing-Shanghai High-Speed Railway, a world-class railway line project with the largest investment and the most advanced technologies. Siyuan owns project survey, design, environmental evaluation, consulting, contracting, supervision and other ten A-grade specialty qualification certificates. Building upon its successful achievements, Siyuan plans to grow into an international engineering company.

With the shortening of overall railway design cycles, railway construction has entered a new phase where bridge construction accounts for a higher proportion of time than railway bed construction. As a result, new railway bridge structures with higher quality requirements create more complex engineering design demands for engineers. As an example, in the Beijing-Shanghai High-Speed Railway that Siyuan is designing, over 80% of the railway length is made up of viaduct, and involves a large amount of new and special structure designs and tremendous calculation work. In order to manage structural analysis challenges and sophisticated drawing tasks, the Bridge Department of Siyuan has developed and introduced different kinds of calculation software and CAD systems. To further enhance its design capabilities, Siyuan needed a
solution that would provide powerful, automated calculation capabilities, as well as flexibility. After a thorough marketing research and technology cost comparison, Siyuan selected Mathcad to perform bridge design calculations.

Mathcad has revolutionized traditional inefficient, high error rate and non-revisable manual calculations with a dynamic calculation platform to share and document engineering calculations, enabling information reuse. Additionally, Mathcad can integrate with other project application software, thus eliminating repetitive work for engineers, greatly lowering error rates, shortening design cycles and reducing labor costs.

Huang Wei, head of software sector, bridge department, Siyuan, said, “The deployment of Mathcad has significantly elevated our engineering calculation accuracies. Previously, as the detailed designs of newly-built railway bridges are very complicated, they required manual calculation to break down and simplify complex engineering calculations, which consequently resulted in extra time and costs. Mathcad allows us to eliminate this bottleneck. We are now able to solve every engineering calculation given the mathematical expression, no matter how complicated it is.”

“We are very pleased that China Railway Siyuan Survey and Design Group has engaged PTC and selected Mathcad as its standard design tool,” said Jake Simpson, General Manager, Mathcad Business Unit, PTC. “Mathcad’s highly intuitive calculation environment helps engineers to solve complicated calculation problems, captures engineering calculation IP, improves design timeliness, and increases results accuracy. It ultimately drives innovation through faster product development, and higher quality design.”

About China Railway Siyuan Survey and Design Group Co., Ltd
China Railway Siyuan Survey and Design Group Co., Ltd is one of China’s largest organizations responsible for conducting survey and design, as well as R&D for railway and related infrastructure. During the recent years, it has been ranked among the top few of the Top 100 list of China’s survey and design organizations. It has carried out survey and design for 51,000 kilometers of railway and 20 large-scale railway hubs, which together accounts for one-third of China’s railway design work. For more information about China Railway Siyuan Survey and Design Group, please visit their website at http://www.crfsdi.com.

About PTC
PTC (Nasdaq: PMTC) provides discrete manufacturers with software and services to meet the globalization, time-to-market and operational efficiency objectives of product development. Using the company’s PLM and CAD solutions, organizations in the Industrial, High-Tech, Aerospace and Defense, Automotive, Retail & Consumer and Medical industries are able to support key business objectives and create innovative products that meet customer needs and comply with industry regulations. For more information on PTC, please visit http://www.ptc.com.

Except for the historical information contained herein, matters discussed in this news release may constitute forward-looking statements that involve risks and uncertainties that could cause actual results to differ materially from those projected. These risks and uncertainties include: our successful development and integration of the technology necessary to offer an integrated product development system including calculation management capabilities; our ability to facilitate our
customers’ understanding of the benefits of our integrated PLM solutions and product
development system offering (including return on investment, ease of use, and value creation); the
market for, and customer adoption of, calculation solutions may not grow as quickly as we expect;
we may be unable to adequately support multiple solutions acquired through strategic business
development initiatives in industries outside of PTC's traditional customer base; the possibility
that current economic conditions could cause our customers to reduce or forego investment in our
solutions and/or could negatively impact our ability to collect receivables due from our customers,
either of which would negatively impact our cash from operations and thereby reduce amounts
available to invest in our business initiatives, as well as other risks and uncertainties detailed from
time to time in reports filed by PTC with the Securities and Exchange Commission, including
PTC's most recent reports on Form 10-K and 10-Q. The announcement of any particular
deployment of PTC products is not necessarily indicative of the timing of recognition of revenue
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