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BLACK & VEATCH EXPANDS USE OF aspenONE PROCESS ENGINEERING SOLUTIONS

Leading Engineering, Consulting, and Construction Company Increases Investment in aspenONE Application Suite to Support Global Growth

BURLINGTON, Mass. — December 19, 2007 — Aspen Technology, Inc. (NASDAQ: AZPN), today announced that Black & Veatch, a leading global engineering, consulting, and construction company, has signed a new multi-year license agreement for the aspenONE™ Process Engineering application suite to support its core business offerings. As a key element of Black & Veatch's global growth strategy, aspenONE assists Black & Veatch in its delivery of high-value design and reliable engineering solutions to clients in the oil and gas industries.

This agreement represents the next phase in Black & Veatch's implementation of AspenTech solutions which spans 15 years. AspenTech's engineering solutions are used in core business areas such as conceptual studies, front-end engineering design and detailed project design. The core of aspenONE Process Engineering applications licensed by Black & Veatch is Aspen HYSYS®, the leading process modeling tool for conceptual design, optimization, business planning, asset management and performance monitoring for oil & gas production, gas processing, petroleum refining and air separation industries.

"Our company is a long-time user of Aspen HYSYS which is a core component of the integrated aspenONE system," said Dan McCartney, process manager, Black & Veatch. "Aspen HYSYS is one of the principal tools we use to support our clients in core technologies such as gasification, gas processing and LNG."

aspenONE Process Engineering is an integrated suite of applications that dramatically improves engineering productivity, design quality and time-to-market by supporting Conceptual & Basic Engineering and Operations Optimization through consistent models, data re-use and concurrent engineering workflow. By providing insights into plant and equipment behavior for optimal decision-making, the applications help companies to reduce capital and operating costs, and increase engineering efficiency and quality.

"This expanded agreement with Black & Veatch is confirmation of the strong relationship between our two companies, and highlights the value the aspenONE Process Engineering suite can deliver to major engineering and construction companies," said Antonio Pietri, executive vice president, AspenTech. "The improvements in engineering productivity provided by the aspenONE suite will help Black & Veatch in the ongoing global growth of its energy business."

This transaction was signed in the fiscal quarter ended June 30, 2007

About Black & Veatch

Black & Veatch is a leading global engineering, consulting and construction company specializing in infrastructure development in energy, water, telecommunications, management consulting, federal and environmental markets. Founded in 1915, Black & Veatch develops tailored infrastructure solutions that meet clients' needs and provide sustainable benefits. Solutions are provided from the broad line of service

expertise available within Black & Veatch, including conceptual and preliminary engineering services, engineering design, procurement, construction, financial management, asset management, program management, construction management, environmental, security design and consulting, management consulting and infrastructure planning. With more than \$2 billion in revenue, the employee-owned company has more than 100 offices worldwide and has completed projects in more than 100 countries on six continents. The company's Web site address is www.bv.com.

About AspenTech

AspenTech is a leading provider of award-winning process optimization software and services. AspenTech's integrated aspenONE solutions enable manufacturers to reduce costs, increase capacity, and optimize operational performance end-to-end throughout the engineering, plant operations, and supply chain management processes, resulting in millions of dollars in cost savings. For more information, visit www.aspentech.com.

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