



## AspenTech's Groundbreaking Advance in Physical Property Technology Delivers Unique Modeling Capabilities to the aspenONE(R) Application Suite

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Significant Expansion in Physical Properties to Drive Higher  
Engineering Efficiency and Better Operating Decisions for the Process

### Industries

CAMBRIDGE, Mass.--(BUSINESS WIRE)--Jan. 31, 2007--Aspen Technology, Inc. (NASDAQ: AZPN) today announced a milestone accomplishment as a result of combining the company's thermophysical and thermochemical property data sets with those maintained by the National Institute of Standards and Technology (NIST). This achievement delivers significant enhancements to the process modeling capabilities of aspenONE(R), a suite of applications that integrate and optimize engineering, manufacturing and supply chain operations.

The integration will give users the ability to rapidly develop and accurately model the broadest range of processes with AspenTech's process modeling tools. This dramatically expands the scope and ease-of-use in modeling many types of processes that previously could not be easily modeled.

"For the first time, AspenTech's process modeling customers will have access to one of the world's most comprehensive collections of experimental property data," said Mark Fusco, President and CEO of AspenTech. "This achievement represents unprecedented opportunities for our customers in the design and improvement of their manufacturing processes."

The achievement was announced today at AspenTech's Process Modeling Innovation Forum held at the Royal Sonesta Hotel in Cambridge, MA, which featured a program highlighting process modeling technology advancements and innovations by NIST and leading AspenTech customers.

Through this agreement, AspenTech will integrate the NIST ThermoData Engine (TDE) and the NIST Source Data Archival System (SOURCE) within its market-leading process modeling products, such as Aspen Plus(R) and Aspen HYSYS(R). This new database, available as part of AspenTech's aspenONE V2006 for Process Engineering, more than doubles the number of components in the product library by adding nearly 12,000 new compounds. The new components will allow users to more accurately and efficiently model a much wider range of processes.

Future directions for NIST-AspenTech cooperation include dynamic linking of the NIST TDE and AspenTech's process modeling technology, expansion to growth technologies like pharmaceuticals and biofuels, and the incorporation of complex high-level computational methods, such as molecular simulation. In addition, the NIST Source Data Archival System will be continually enriched with new experimental data and new compounds from global research and will be made available to AspenTech's customers.

NIST is a non-regulatory federal agency within the U.S. Commerce Department's Technology Administration. NIST's mission is to promote U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology in ways that enhance economic security and improve our quality of life.

### About AspenTech

AspenTech is a recognized expert and leading provider of award-winning process optimization software and services. AspenTech's integrated aspenONE(R) 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. Over 1,500 leading companies rely on AspenTech's software. For more information, visit [www.aspentech.com](http://www.aspentech.com).

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