

BENTLEY'S NEW BUILDING PERFORMANCE GROUP FOCUSES ON SOLUTIONS THAT ADDRESS THE IMMEDIATE GLOBAL NEED TO CRAFT AND SUSTAIN ENERGY-EFFICIENT, ECO-FRIENDLY, SECURE EDIFICES.

According to the U.S. Green Building Council -- whose LEED certification program has become the de facto standard for sustainable building -- buildings consume 72 percent of electricity, 39 percent of energy, and 14 percent of potable water in the United States alone. Globally, buildings use 40 percent of raw materials and account for a significant portion of the greenhouse gas emissions that affect climate.

The infrastructure community is rising to the challenge to develop buildings that consume fewer resources, generate less waste, and cost less to operate. In response to this global call for high-performance buildings, Bentley launched a new group in September 2008 to help architects, engineers, construction professionals, and owner-operators design, build, and operate better-performing, more sustainable buildings.

Bentley's new Building Performance Group focuses on solutions that address the immediate global need to create and maintain energy-efficient, environmentally friendly, safer buildings that also set the benchmark for occupant comfort. Among the group's current offerings are Bentley's recently acquired Hevacomp line of building services design software and the Tas software for in-depth energy analysis and simulation. The Hevacomp product line is an important addition to Bentley's portfolio of solutions that help sustain infrastructure and the environment because Hevacomp's substantive analysis applications



Bentley's Green Definitions

leverage the content of building information. Together, these products enable rigorous building analysis and simulation for improved building performance.

"The creation of our new Building Performance Group underscores Bentley's long-term commitment to providing comprehensive software solutions for sustaining infrastructure," said CEO Greg Bentley. "It will make available a growing number of highly integrated, advanced software tools that architects, engineers, and low-carbon consultants can deploy to address the increasing demand for buildings designed with lifecycle performance in mind. These better-performing buildings will be more energy and water efficient, will emit less carbon waste, and will be safer to operate and work or live in."

Headed by Vice President Noah Eckhouse, the Building Performance Group is comprised of a team of highly skilled busi-

ness developers, industry experts, and sales and support professionals with specialized knowledge and broad experience in building performance issues. "Sustaining infrastructure is what we focus on at Bentley, and building performance is emblematic of our purpose," Eckhouse said.

Bentley's building performance products enable those who design, build, and operate structures, to fulfill three potential requirements, one is to comply the existing and emerging government regulations around the world associated with energy efficiency, carbon emissions, water consumption, earthquake, wind and flood resistance, and other performance-related parameters, the second parameter is to consider and compare design alternatives with early-stage conceptual design software and the third factor is to calculate the impact of design and design changes on building performance with engineering precision.