

## CEI becomes first high-end viz vendor to support 64-bit Windows computing

### *New EnSight version enables much larger data loading, performance improvements of 30 percent in 64-bit mode*

APEX, N.C., April 11, 2005 – CEI announced today that its EnSight software has been tested and verified on Windows 64-bit platforms, making it the first high-end visualization package to fully support Microsoft's newest operating systems. The 64-bit versions of EnSight and the free geometry viewer EnLiten will be available concurrently with the release of Microsoft's Windows XP x64 and Windows 2003 Server x64 operating systems.

Internal testing using large datasets has shown a 30 percent increase in performance running EnSight in 64-bit mode versus 32-bit mode on the same machine. Perhaps more importantly, Windows x64 supports up to 128 GB of RAM, allowing visualizations of models that in the past were too large to display on desktop systems.

“We can display on a desktop workstation a 4-GB, three-car crash animation generated by EnSight from LS-Dyna results,” says Dan Schikore, CEI's engineer in charge of 64-bit implementation. “This can't be done on the same workstation running in 32-bit mode.”

In addition to being able to load larger models, Schikore says that the 64-bit EnSight will enable more complex visualizations with multi-variate data to be cached on client systems residing on the desktop.

“EnSight users will be able to load transient flipbook animations in memory and play them back on the desktop,” says Schikore. “Professionals who rely on high-end visualization to solve complex problems will get more bang for their computing buck.”

Legacy 32-bit applications can be run on the new platform, ensuring availability of everything users are accustomed to on their current desktop system. No special EnSight license is required; existing customers can start using 64-bit Windows without any additional upgrade fees from CEI.

“This is a significant milestone for the CFD, FEA and HPC communities,” says Darin McKinnis, CEI's vice president of s VP Sales and marketing. “For years users have had to weigh the need for 64-bit computing that handles large datasets and provides higher precision against the desire for rich application support from Microsoft Windows. Now, they can have both.”

## About CEI

CEI ([www.ensight.com](http://www.ensight.com)) offers a suite of tools for engineering and scientific simulation, including meshing, plotting, animation and data visualization. The company's software can be run on every type of computer, from laptops to the most advanced VR displays. CEI has corporate headquarters in Apex, N.C., and authorized distributors around the world. In addition to EnSight and related products, the company provides consulting services to engineers and scientists from organizations that need to visualize computational results for research, product design or product refinement.

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