

**FOR IMMEDIATE RELEASE**



## **MATFOR 3 Now Available with Absoft Pro Fortran v9.0 for Windows**

*Simultaneously visualize and animate high performance code*

**Rochester Hills, MI (September 15, 2004)** – Absoft Corporation has announced immediate availability of AnCAD’s popular high-performance visualization toolkit, MATFOR 3, bundled with its Absoft’s high performance Pro Fortran compiler suite version 9.0 for Windows. MATFOR 3 contains a set of numerical and visualization libraries developed specially for scientists and engineers, and can be applied to various fields, including wave propagation, fluid dynamics, and solid mechanics. The functions in the libraries enhance Fortran and C++ programs with dynamic visualization capabilities, shorten your numerical codes and speed up the development process.

The MATFOR toolkit can be called directly from C++ and Fortran, giving developers simplified syntax and facilitating object-oriented programming. By simply adding a few lines of MATFOR function calls to Fortran and C++ programs, developers can easily visualize computing results, perform run-time animations, or even produce a movie presentation file programs execute. MATFOR 3 includes the MATFOR Numerical Library, based on MKL 6.0a, the MATFOR Graphics Library, based on VTK 4.2 and the MATFOR Data Viewer.

The MATFOR 3 numerical and visualization libraries are developed to accurately perform computations and dynamically visualize data. MATFOR functions optimize programming in C++ and Fortran environments and they make data analysis and simulation complete through visualization.

“The Absoft Pro Fortran v9.0 compiler provides remarkable compatibility with MATFOR and presents a user-friendly environment which allows MATFOR development with amazing speed and efficiency. According to AnCAD’s internal statistics, Absoft Pro Fortran v9.0 is one of the fastest compilers available and enhances MATFOR performance by a noteworthy gain.” said Yetmen Wang, President and CEO, AnCAD, Inc. “What impresses us even more is the Absoft compiler’s completeness and high reliability in language support, assisting MATFOR to smoothly facilitate the intricate concepts of object-oriented programming. Absoft’s Pro Fortran compiler, combining speed, efficiency and reliability, is definitely an appreciated companion of MATFOR,” continued Wang.

“The MATFOR 3 libraries offer developers great features such as Material and Transparency control, Axis and appearance, Colormap, Object position, rotation and Euler angle manipulations, Bitmap exporting, Axis grid, wall and ticks manipulations and Texture mapping on the surface objects. Using these libraries allows developers more time to focus on specific application development and research rather than creating functions from scratch.” said Jeff Livesay, Executive Vice President of Absoft. “Absoft is pleased to be able to offer the MATFOR 3 numerical and visualization libraries bundled and fully compatible with the high performance and highly reliable new Pro Fortran Compiler Suite v9.0 for Windows.”

MATFOR 3 bundled with Absoft’s Pro Fortran Compiler Suite v9.0 for Windows is \$1559 for academic users and \$2499 for commercial and government customers. Special pricing is available for floating licenses, upgrades, and volume purchases. Product and ordering information are available at <http://www.absoft.com/Products/Libraries/matfor.html>, by emailing [sales@absoft.com](mailto:sales@absoft.com), or by calling Absoft Sales directly at (248) 853-0050.

### **About Absoft Corporation**

Based in Rochester Hills, Michigan, Absoft Corporation is a world leader in software development tools. Since 1980 Absoft has led the scientific and engineering software community by introducing the first commercial 32-bit Fortran compilers for Macintosh, Windows-NT, Linux and HPC environments. Absoft business partners include: Apple, IBM, Hewlett-Packard, Intel, Microsoft, Motorola, Cray Research, Sun and Silicon Graphics. Absoft is the sole provider of source-compatible Fortran and debugging solutions for all of today’s leading computing platforms. Major educational institutions, research laboratories, and Fortune 2000 companies use Absoft tools worldwide.

For more information about Absoft, visit <http://www.absoft.com>, e-mail [sales@absoft.com](mailto:sales@absoft.com), or call 248-853-0050.

### **About AnCAD**

Established in Taiwan in 1999, AnCAD has been devoted to the field of scientific computation. With an initial emphasis on developing software related to scientific computing, matrix-based operation, visualization library, mesh generator, translator, and gateway are all among AnCAD’s innovative aspirations.

As the software in the scientific computing industry changes with the rapid evolution of technology, they can be properly applied to the most advanced engineering and scientific researches, such as high frequency interconnect analysis, molecular simulation, IC design simulation, electromagnetic analysis and simulation, molding analysis, heat transfer, and Computational Fluid Dynamics (CFD).

For more information about AnCAD, visit <http://www.ancad.com>, e-mail [sales@ancad.com](mailto:sales@ancad.com) or call 886-2-8923-5411

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