
Subject: Press Release: plans to implement a parallel version of IDL
Posted by [bruhwile](#) on Tue, 31 Jul 2001 19:45:14 GMT

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TECH-X CORPORATION RECEIVES SMALL BUSINESS INNOVATION RESEARCH (SBIR) AWARD

TO IMPLEMENT DATA ANALYSIS AND VISUALIZATION SOFTWARE ON MANY PROCESSORS

Boulder, CO July 31, 2001 - Tech-X Corporation, developer of high-performance software solutions for science, engineering and education, has received a Phase I Small Business Innovation Research (SBIR) award from the U.S. Department of Energy. The project, "Interactive Visualization and Analysis of Fusion Data on many Processors," will develop a parallel implementation of IDL (the Interactive Data Language) from Research Systems Inc. The prototype application will be used by General Atomics for rapid analysis of large data sets from magnetic fusion energy experiments.

"The future of scientific computing, data analysis and visualization lies in the parallel use of hundreds or even thousands of processors", says principal investigator David Bruhwiler. "IDL is one of the most widely-used data analysis and visualization tools within the scientific and medical imaging communities, and seamless use of IDL on many processors in parallel will represent a true paradigm shift."

"The new initiative at Tech-X Corporation to enable the parallel use of IDL's powerful features on multiple processors is an exciting development, which could add great value to many IDL users," says IDL product manager Harold Cline of Research Systems Inc.

About Tech-X Corporation

Tech-X Corporation is a privately held company with headquarters in Boulder, Colorado. Formed in 1994 to develop modern software for science, engineering and education, Tech-X has government contracts in the areas of distributed computing for technical collaborations, object-oriented applications for designing radar tubes and particle accelerators, development of cross-platform software components, and development of software tools for interactive, web-based physics education. Tech-X Corporation can be found on the web at URL <http://www.techxhome.com>.
