

# *Tech-X Corporation*



Greetings:

[Tech-X Corporation](#) is committed to technical excellence and innovation. Our technical staff addresses specific research questions and delivers quantifiable results, culminating in specialized skills, advanced technologies, and commercial products that enable large-scale computing solutions and offer a greater understanding of physical processes. Among our core competencies is the simulation of processes, devices, and physical systems related to plasma physics, fusion, and accelerator technologies, performed on computer systems ranging from desktops to Grand Challenge class high-performance computers. By creating software for simulations and the infrastructure to support our research development, we are able to increase our understanding of complex physical phenomena.

Our products enable our customers to build a greater understanding of physical processes and, by applying this knowledge, to improve their productivity in designing and developing equipment and procedures in areas such as plasma processes in high energy physics and materials processing.

[VORPAL](#) is a highly-configurable multiphysics simulation application for modeling the interaction of matter with electromagnetic fields. Using advanced parallel algorithms enables the investigation of highly complex physical systems with unprecedented fidelity.

[GPULib](#) provides a library of mathematical functions that facilitate the use of high performance computing resources available on modern graphics processing units (GPUs) by engineers, scientists, analysts, and other technical professionals.

[OOPIC Pro](#) integrates simulation and visualization capabilities, allowing users to easily create PIC (Particle-in-Cell) simulations to solve problems in education, research, and engineering.

To bridge the gap between IDL and parallel computing, Tech-X Corporation has developed [FastDL](#). With FastDL, scientists and developers can run IDL visualization and analyses applications in parallel, significantly shortening the time required to get results.

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## *Tech-X Corporation*

Our services group is comprised of researchers who can provide custom implementations for our existing products and custom solutions to solve complex scientific problems that leverage our expertise in languages and technologies.

To view press releases from Tech-X, please visit

[http://www.txcorp.com/corporate/news/news\\_archive.php](http://www.txcorp.com/corporate/news/news_archive.php). Biographies of our executives are provided at <http://www.txcorp.com/corporate/people/index.php>.

Please contact me for additional information. Thank you for your time and consideration.

Sincerely,

Ed Kase

Vice President of Marketing & Business Development