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**Linux Networkx and Fusion Petroleum Technologies Partner to  
Deliver High Performance Seismic Data Visualization, Interpretation  
and Development Systems**

*Easy-to-use, Production-Ready Systems Enable Rapid, Cost-Effective, High  
Performance Computing for Oil and Gas Exploration*

**July 13, 2007, Salt Lake City, Utah**

**Linux Networkx** and **Fusion Petroleum Technologies Inc.** today announced a partnership to deliver high performance visualization systems along with software solutions that dramatically enhance the ability of oil and gas companies to find and exploit new oil fields quickly and efficiently. The systems blend the ease of use and scalability of Linux Networkx' production-ready LS-V High Performance Visualization Systems with Fusion Petroleum technologies' innovative LAGNIAPPE™ software platform and their advanced visualization software AMIGO™

LAGNIAPPE™ will provide an integrated environment for the processing and analysis of seismic data for petroleum exploration and production. When delivered to the customer along with the LS-V System, this combined solution will enable users to cost-effectively analyze and render very large interactive data sets in real-time.

The new systems are the first of their kind to enable simultaneous seismic data processing, interactive analysis and visualization. Scalable to any number of visualization nodes, and complemented by high performance compute nodes the systems enable users to dedicate individual nodes to specific applications and to have enough compute power to simultaneously work with and manipulate data and models on different screens at very high frame rates. In addition, the systems deliver a tremendous increase in processing and visualization power, enabling users to migrate from traditional seismic processing systems capable of analyzing millions of traces and displaying to scalable, clustered systems capable of analyzing many millions of polygons. As a result users can analyze more data, with greater fidelity, than ever before.

"For the first time there is a high performance Linux system capable of powering real-time

computation and visualization of seismic data," said Dr. Alan R. Huffman, President & CEO of Fusion Petroleum Technologies Inc. "Linux Networkx brings unrivaled experience in Linux clusters and HPC for the oil and gas industry. Together we are providing the industry with a new platform that accelerates the process of oil and gas exploration cost-effectively and with greater accuracy."

"An oil and gas exploration project can cost tens of millions of dollars. Without robust and accurate computer-aided analysis, those funds can be easily wasted by drilling in the wrong location," said Jack Kenney, CEO of Linux Networkx. "We are pleased to partner with Fusion to deliver easy-to-use, production-ready systems that will help their oil and gas customers find and exploit resources rapidly, safely and cost-effectively."

LS-V High Performance Visualization Systems feature AMD Opteron Dual-Core CPUs, InfiniBand interconnects, fully integrated data I/O subsystems, and the optional Linux Networkx GPFS high performance file system. The LS-V is configured in turnkey, production-ready systems ranging in size from 3 to 31 visualization nodes, fully scalable from individual users through large corporate visualization centers. LS-V capabilities can be easily added to the full range of existing Linux Networkx systems, giving users of the most popular computational fluid dynamics, finite element analysis, and other computer-aided engineering applications a fully integrated high performance computational and visualization solution.

Linux Networkx is one of the leading providers of HPC systems to the energy industry. Customers include BHP Billiton, GX Technology, Schlumberger, Shell Oil, Statoil, Weinman Geoscience and others, and with LNXTI technology help to leverage the customer's systems to run applications including Velocity Analysis, 2D and 3-D Pre-Stack Depth Migration, 3-D DMO, Reservoir Characterization, Visualization and Modeling, etc.

## **About Fusion Petroleum Technologies**

Fusion Petroleum Technologies Inc. is a leading provider of integrated geophysical and geological solutions for the most challenging exploration and production problems facing the petroleum industry. Fusion has over 180 clients worldwide including super-major, major and independent petroleum producers and a large number of National Oil Companies. Fusion provides integrated services, software solutions and training for clients in over 40 countries worldwide. The company has offices in Houston, Texas, Norman, Oklahoma, Cuernavaca, Mexico, and Tripoli, Libya. Fusion partner companies in Kuwait, Canada, Brazil, and China also provide Fusion technology and expertise to clients in each of these regions. For further information about Fusion and its technology offerings, please visit [www.fusiongeo.com](http://www.fusiongeo.com).

## **About Linux Networkx**

Linux Networkx is a leading provider of production-ready High Performance Computing (HPC) cluster solutions. The company's solutions eliminate cluster complexity and optimize solution performance, power and productivity through practical innovation, enabling their customers to dramatically accelerate their business and mission critical results. Linux Networkx has delivered over 500 systems to more than 200 customers around the world. Our global customer base represents industry leaders ranging from Boeing in aerospace; BMW, DaimlerChrysler AG, Audi, Caterpillar and John Deere in heavy manufacturing; Total, Schlumberger and Shell Oil in the Oil and Gas industry; and Los Alamos National Laboratory, Sandia National Laboratories and the Department of Defense in the government arena. The company has received numerous honors, including HPCWire Editor and Reader's Choice Awards for Most Innovative Technology and Best Price/Performance. For more information about Linux Networkx, visit [www.linuxnetworkx.com](http://www.linuxnetworkx.com).

[www.fusiongeo.com](http://www.fusiongeo.com)

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