

New tool for exploration operations

New Quadro Plex solutions are suited for scalable visualization professionals who interact with 3D models and analyze large volumes of data.

The visual computing platforms are designed to power a range of ultrahigh resolution and multichannel collaboration environments—ranging from interpretation desktops to visualization walls to network operations centers.

Quadro Plex-based solutions enable exploration specialists to seamlessly run any software application across multiple ultrahigh resolution displays or projectors, facilitating accurate and timely decision making, the company points out.

These flexible solutions are built on the Quadro Plex visual computing system, featuring two Quadro FX 5800 GPUs and 8 GB of memory. By connecting two Quadro Plex systems to a single work station, users can view images at a resolution of 36 megapixels, span visuals across two

4K projectors or eight autosynchronized displays, and drive stereoscopic 3D content for an immersive experience.

These Quadro Plex scalable visualization solutions power environments where high resolution images and real-time data feeds are seamlessly blended for training, simulation, and operations monitoring, the firm notes.

Source: **NVIDIA Corp.**, 2701 San Tomas Expressway, Santa Clara, CA 95050.

New model aids seismic processing

New GeoDepth tomography, a next-generation grid-based velocity model solution, is designed to enable geophysicists to rapidly and confidently update the largest velocity models developed from complex geologic regimes.

Tomography is the newest addition to the GeoDepth software suite, delivering enhanced seismic imaging quality, reduced interpretation uncertainty, and increased productivity.

The GeoDepth tomography solution addresses the computational, interpretational, and acquisitional challenges of updating large and complex velocity models for critical seismic assets. It provides added capacity for handling rich azimuth acquisitions and updating anisotropic parameters in sedimentary layers.

GeoDepth tomography leverages this company's high performance computing infrastructure as well as its interpretation solutions to deliver automatic velocity updates. The solution minimizes iteration cycles by combining rich, high quality ray tracing with new tools that automatically reflect surface picking and prestack residual moveouts.

This seismic processing tool provides the GeoDepth suite with new capabilities that simplify and enhance the velocity modeling process, the firm says.

Source: **Paradigm BV**, Reimeresbeek 2, 1082 AG Amsterdam, the Netherlands.

Services / Suppliers

Sungard,

Wayne, Pa., has named Ben Jackson senior executive vice-president of its new energy and commodities business unit, based in Houston. He succeeds Matt Mandalicini, who was appointed president and chief custom officer of Sungard's higher education unit. Previously, Jackson was COO of Sungard's Kiodex unit. Prior to joining SunGard in 2006, Jackson held executive positions at The Bank of New York, James Martin & Co. (Headstrong), KeyBank, and Andersen (Accenture).



Jackson

Sungard is the world's fifth largest software company. Its energy and commodities unit provides software for commodity trading, risk management, independent valuation, and market data for those firms that trade commodities financially; and straight-through processing, enterprise-wide risk management, scheduling, and logistics for those companies

that transact business around physical energy and other commodities.

Schlumberger Ltd.,

Paris, has signed a joint cooperation agreement with the Universidade Federal do Rio de Janeiro (UFRJ) to build a key international research center on the university's campus. The agreement marks the first research and geosciences center to be located at UFRJ Technology Park. The Schlumberger Brazil Research & Geosciences Center will focus on research and development activities in the deepwater presalt environment, with emphasis on the development of geosciences software for the exploration and production sector, new technologies to meet reservoir challenges in presalt environments, and the creation of a geophysical processing and interpretation center of excellence covering time-lapse seismic and combined electromagnetic and seismic measurements.

Schlumberger is the world's largest supplier of technology, integrated project management, and information solutions to the oil and gas industry.

CGGVeritas,

Paris, has signed a research and development agreement with the Western Australian Energy Research Alliance (WAERA), a prominent oil and gas research alliance within the Asia-Pacific region. WAERA comprises the University of Western Australia, Commonwealth Scientific and Industrial Research Organization, and Curtin University of Technology. The agreement defines a framework to support the rapid identification of opportunities for research, development, consultancy, education, and commercial application of advanced geophysical technologies in the search for, and optimum exploitation of, energy resources. The framework provides formal guidelines for planning, agreeing, and executing individual R&D projects once they have been identified.

CGGVeritas is a leading international pure-play geophysical company delivering a wide range of technologies, services, and equipment (through Sercel) to its broad base of customers mainly throughout the global oil and gas industry.