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Press Release



ffa Partners with NVIDIA to create High Performance Computing Software

ffa, a leading provider of 3D Seismic Analysis Software and Services to the global oil and gas industry, has partnered with NVIDIA, the world leader in visual computing technologies, to develop High Performance Computing (HPC) capabilities for **SVI Pro**, ffa's advanced seismic volume imaging and 3D visualization software.

By integrating NVIDIA CUDA technology within **SVI Pro**, ffa can provide a scalable and portable software solution to satisfy the increasing demand for fast volume based attribute and object generation on large Seismic data volumes. The computational performance provided by NVIDIA CUDA technology will significantly enhance **SVI Pro's** existing Seismic Attribute and Object Delineation workflows and enable ffa to deliver the highly interactive and advanced Seismic Volume Interpretation tools that will be a central requirement in the next generation of Seismic Data interpretation software.

Steve Purves, ffa's Technical Director, said, "The advanced processing capabilities within our **SVI Pro** and **SEA 3D** software applications together with the HPC capabilities provided by NVIDIA CUDA-enabled graphics processing units (GPUs), will have a direct impact on hydrocarbon exploration and production by changing the way in which geoscientists work with and analyse 3D Seismic data."

"The massively parallel architecture of the GPU makes it ideally suited to perform computationally intensive seismic applications at much higher speeds than were previously possible," explains Andy Keane, General Manager of NVIDIA's GPU Computing Group. "We're very pleased to be working with ffa in combining **SVI Pro** with the power of CUDA to deliver enhanced functionality and exceptional performance for the oil and gas industry."

ffa will integrate NVIDIA CUDA technology with **SVI Pro** on both Windows and Linux platforms over the next 18 months .

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Note to Editor:

About NVIDIA

1. NVIDIA (Nasdaq: NVDA) is the world leader in visual computing technologies and the inventor of the GPU, a high-performance processor which generates breathtaking, interactive graphics on workstations, personal computers, game consoles, and mobile devices.
2. NVIDIA serves the entertainment and consumer market with its GeForce® products, the professional design and visualization market with its Quadro™ products, and the high-performance computing market with its Tesla™ products.
3. These products are transforming visually-rich and computationally-intensive applications such as video games, film production, broadcasting, industrial design, financial modeling, space exploration, and medical imaging.
4. For further information visit www.nvidia.com

About ffA:

1. ffA provides world-leading 3D seismic analysis Software and Services to the oil and gas industry.
2. ffA's unique 3D workflow's are designed to reveal and extract geological features from 3D seismic data, objectively and more accurately than is possible with conventional seismic techniques to allow geoscientists and engineers to make better decisions in less time, with higher confidence.
3. ffA's Services operation applies ffA software to help its clients improve E & P success and has worked on over 150 operational projects worldwide. Projects include characterisation of deep water channels offshore Angola, close focus fault imaging in the North Sea and delineation of complex salt bodies in the Gulf of Mexico.
4. ffA is an independent UK company with offices in Aberdeen and Newcastle-upon-Tyne.
5. For further information visit www.ffa.co.uk