



A NEW DIMENSION

SEEING THE EARTH FROM A DIFFERENT PERSPECTIVE

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THE PROCESSING POWER of computers has become so great in recent years that the world's PCs are often running at a fraction of their capacity. Relatively simple applications such as word processing don't fully harness the huge potential for computation and analysis contained within even standard desktop computers.

ONE COMPANY PROUDLY

The Aberdeen based ffA is redressing this balance as a market leader in seismic analysis software functionality and image processing. The UK's oil and gas reserves are the basis for this internationally respected organisation's ever-growing profile and client base. With a comprehensive portfolio of 3D seismic analysis tools available, Foster Findlay Associates Limited (to use their full title) can help customers develop detailed maps of oil and gas reservoirs with remarkable speed and accuracy. These software packages are of great benefit to geoscientists and engineers in their quest for fossil fuel resources.

LEADING THE WAY IN SPECIALIST SOFTWARE

To condense a hugely complex process into layman's terms, ffA's pioneering software transforms vast quantities of three-dimensional geological data into easy-to-understand maps, ensuring that drilling, well planning and reservoir engineering can be accurately undertaken.

Serious computing prowess is required to produce software capable of handling technically complex topics, such as stratigraphic imaging. Software also has to be compatible with different computer operating systems, so products are available for both the Linux and Windows platforms.

PERSONALISED SOFTWARE

To date, ffA has deployed its software in the investigation of projects as diverse as Angolan water channel mapping, fault imaging in the North Sea and delineation of complex salt bodies in the Gulf of Mexico. Indeed, the company's client list is a who's-who of market leaders and innovators in the oil and gas industries around the world, including numerous household names. A recently opened office in Houston, Texas, will serve both American continents, while the company's three British bases are located in Aberdeen, London and Newcastle-upon-Tyne. International agents are additionally based in China, Indonesia and Mexico, all helping to realise ffA's proud boast of 'delivering the next generation of 3D seismic analysis tools to your desktop today'.

ffA provides an important bespoke service to clients involved in the oil and gas industries. Not only are these software products unique, each individual client can also work with ffA's in-house experts to obtain tailor-made workflows based on data and interpretation objectives. Alongside this, ffA has a continuous and proven track record of research and development collaborations with companies in the oil and gas spheres.

BRINGING CLARITY AND DEFINITION

Indeed, returning to the theme of computing potential, it's possible to gauge how ffA's software stretches the boundaries of processing power through its recent partnership with world-leading visual computing provider NVIDIA. This collaboration is aimed at accelerating the development of graphics processing units (GPUs) for desktop computer systems, enabling them to show ffA's software models in full, glorious detail.

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