EQUINOR SIGNS ON FOR DUG MCCLOUD EXPERTISE

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High-performance computing experts DUG Technology and Norwegian energy giant Equinor have signed a multi-year deal covering seismic processing and imaging technology.

Under the deal, Equinor will replace existing third-party technology with an integrated solution using DUG McCloud, an innovative platform that allows clients to mix and match DUG's high-performance computing as a service (HPCaaS), seismic processing and imaging (P&I) services, and the DUG Insight geoscience software.

DUG Managing Director Matthew Lamont said the team at Equinor thoroughly evaluated every aspect of the DUG McCloud platform.

"We demonstrated that the ease of use, effectiveness and productivity of DUG Insight within the McCloud environment have the potential to provide short and long-term benefits, not to mention saving considerable money along the way," Dr Lamont said.

DUG has developed an advanced cooling method which reduces energy use and increases the life and efficiency of its hardware. The DUG Cool system, in which standard high-performance computing servers are submerged in a special fluid, delivers total power savings of about 46 per cent over a traditional, air-cooled room.

"The patented cooling system enables us to operate some of the greenest supercomputers in the world and we're looking forward to offer this technology to Equinor," Dr Lamont said.

DUG McCloud

DUG McCloud is an innovative platform that allows clients to mix and match DUG's highperformance computing as a service (HPCaaS), seismic processing and imaging (P&I) software and services (DUG Insight). This includes disk storage and a unique, cost-effective online archive facility that allows web-based data visualization. An application programming interface (API) is available for clients to incorporate their software into the P&I system. The HPC is provided by some of the largest and greenest supercomputers in the world with major centres in Houston, Perth, and Kuala Lumpur.

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