



HPC wire



Equinor to Leverage DUG McCloud Platform

September 1, 2020

Sept. 1, 2020 — 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 percent 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.

About DUG

DUG is a technology company at the forefront of high-performance computing with a strong foundation in applied physics. DUG's innovative hardware and software solutions for the global technology and resource sectors enable clients to leverage large and complex datasets. The company provides cloud-based hardware and software solutions, multi-tiered support for technology onboarding and code optimization, and integrated services. DUG has offices in Perth, London, Houston, and Kuala Lumpur. The company designs, owns, and operates some of the largest and greenest supercomputers on Earth. Connect with DUG on Twitter @Team_DUG or visit www.dug.com

About 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.