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► OCEAN STORE IS ENABLING CUSTOMIZED WORKFLOWS

Apps for earth scientists

With the oil and gas industry working to replace reserves, exploring in more complex reservoirs and complicated structures, there has never been a greater need for operators to differentiate themselves.

In May of 2010, Schlumberger launched the Ocean Store, a web site where geoscientists and reservoir engineers can browse, purchase and download plug-ins to extend the Petrel* platform.

Schlumberger says that, much like the App Store for the iPhone allows users to personalize their mobile

device according to their own needs; the Ocean Store enables Petrel users to customize their workflows based upon their specific needs. "With Ocean, users are given the ability to rapidly innovate to solve tough challenges associated with the complex reservoirs that are now being explored. This enables oil and gas companies to develop, deploy and use new technologies much faster. The Ocean Store provides access to a growing set of

capabilities that extend the already broad Petrel platform," said Drew Wharton, Ocean marketing manager, Schlumberger Information Solutions.

At the core, Ocean is a software development kit that allows developers to write code to extend the Petrel experience. With a completely open framework, software engineers get access to the inner workings of Petrel, so there is no more having to reinvent code such as the 3D

canvas or data access capabilities. With Ocean, developers can focus on the science of their application, rather than the infrastructure.

Just like apps for the iPhone are not solely created by Apple, Ocean has created an ecosystem where a diverse community can create plug-ins. Within the last few years,

the Ocean ecosystem has gained critical mass, and now includes oil and gas companies, software companies, universities and Schlumberger.

The Ocean framework allows for immediate deployment of innovation, which means Petrel users no longer have to wait for the next release. Instead, they can work with their own developers to create solutions and plug-ins to meet their specific needs fast enough to bid on a

block in the next licensing round.

The Ocean Store gives Petrel users access to diverse plug-ins from a number of software companies—from seismic waveform classification to visualizing microseismic data—all in one place. The plug-ins are sold and distributed worldwide through the Ocean Store at www.Ocean.slb.com. For more information, visit Schlumberger at booth 340.



The Ocean Store already contains over 40 plug-ins, including a wide range of specialist applications.