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Polatis Optical Switches Bring Crystal Clear Insight to Oil & Gas Operations
Global oil & gas companies deploy DirectLight™ optical switches to surface downwell sensor data

Bedford, MA and Cambridge, UK – November 21, 2014 -- Polatis, the performance leader in all-optical matrix switches, has deployed its DirectLight optical matrix switches in new oil and gas well monitoring applications at leading global oil & gas companies. In this demanding field application, Polatis single mode and multimode switches are being used to interconnect downwell optical monitoring fiber sensors with surface monitoring equipment.

"Operators are increasingly using downwell optical fiber sensors to get a more accurate picture of the underground conditions. This helps reduce uncertainty and improve operational decisions when balancing potential well production with environmental impact," says Gerald Wesel, President and CEO at Polatis. ""Our switches perform optimally in rugged, unmanned environments, delivering the reliability needed to derive real, meaningful answers and insights from the data."

Fiber optic well monitoring enables operators to get real-time temperature and pressure data along the entire depth of the well allowing operators to optimize yield while reducing environmental impact. As the number of gas and oil wells being monitored has increased, and the number optical fibers down each well has also increased, operators are reducing costs by using Polatis fiber optic switches which allow them to share expensive monitoring equipment resources.

Polatis switches are routinely used in demanding test and measurement applications where connection stability, reproducibility and low-loss are critical.

About Polatis
Polatis delivers the world's lowest loss all-optical switching solutions for remote fiber-layer provisioning, protection, monitoring, reconfiguration and test.   Dependable, field-proven piezoelectric optical matrix switch technology scales from 4x4 to 196x196 ports, applying class-leading performance to provide dynamic optical networking for telecommunications, data center, government, test and video markets. For more information visit www.polatis.com.