

OIL AND GAS TECHNOLOGY SPECIAL

CIOReview

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20 Most Promising Oil & Gas Technology Solution Providers 2015

The oil and gas industry plays an indispensable role in facilitating business across different spheres of economy with timely and adequate resources. Volatile market conditions, economic downswing and the increasing costs inadvertently persist as imminent challenges in the oil and gas sector. To make oil and gas industry thrive, organizations are deploying technology and software solutions such as cloud computing, database services and tools that are streamlining and maximizing operational productivity. Big data has made its way right from oil fields to refineries, pipelines and transportation and also downstream to the trader and the gas station forecourt. Additionally, Internet of things (IoT) is gaining a strong foothold across the industry, changing how companies utilize labor and allowing for more effective utilization of resources. Furthermore,

these solutions not just cater to the transient needs of the organizations but, also help them adhere to government regulations, reduce pollution and wastage that damage environment and human health, conserve resources and operational expenditure.

In the last few months, we have analyzed hundreds of oil and gas technology solution providers and shortlisted the companies that are at the forefront of tackling challenges in the oil and gas arena. A distinguished panel comprising of CEOs, CIOs and analysts including CIOReview's editorial board has selected the final list of Oil and Gas Technology Solution Providers of 2015. The selection is based on the vendor's capability to offer cutting edge technologies and solutions that add value to the oil and gas landscape.

We present to you CIOReview's 20 Most Promising Oil and Gas Technology Solution Providers 2015.



Company:

CartoPac International
Fort Collins, CO
cartopac.com

Description:

From basic mobile applications used to map field assets to deploying enterprise systems, CartoPac provides software solutions for energy companies.

Key Person:

Carl Lee,
Chairman and CEO

Website:

www.cartopac.com

CartoPac International Streamlining High Priority Assets and Workflows

The demand for implementing and maintaining technology systems that reduce risk factors and improve productivity has never been greater in energy and utilities industry. CIOs of major oil and gas organizations are facing several impediments in employing cost effective solutions that could assist them in delivering results in a difficult economic environment. While doing so, organizations must also meet the requirements of regulatory compliance. Addressing these roadblocks, Fort Collins, CO headquartered CartoPac International provides software solutions, services, and support for accurate collection of asset inventory and data inspection. From basic mobile applications used to map field assets, to deploying enterprise systems, CartoPac offers services and products that are critical for integrity management and regulatory compliance programs

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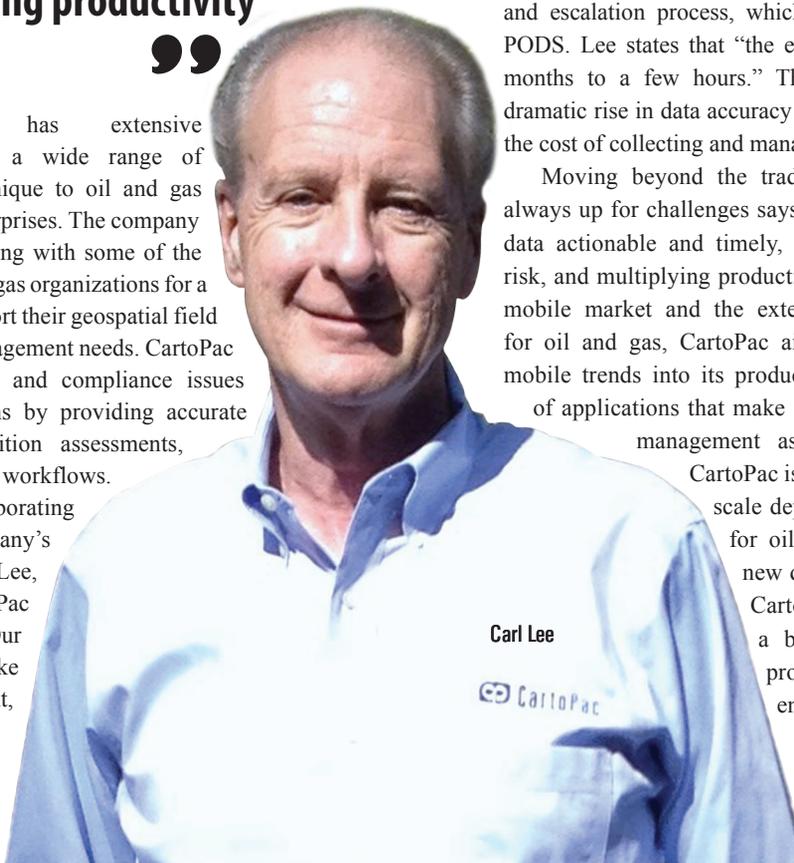
CartoPac has extensive experience in a wide range of applications unique to oil and gas and utility enterprises. The company has been working with some of the leading oil and gas organizations for a decade to support their geospatial field assets and management needs. CartoPac meets the risk and compliance issues of organizations by providing accurate location, condition assessments, and actionable workflows. Further elaborating on the company’s objective, Carl Lee, CEO CartoPac states— “Our drive is to make data intelligent,

timely, and useful.” CartoPac’s solutions for oil and gas industry include establishing and maintaining risk prone areas, inspection of pipelines and related assets, Esri Geographic Information System (GIS), integration with Pipeline Open Data Standard (PODS), and asset management. The key strength of the company as highlighted by Lee is, “integration with enterprise databases and applications, facilitated by the company’s technology platform that comprises—CartoPac Studio, Server, Workflow Manager, and Scoring.”

Today, CartoPac’s clientele includes some of the largest organizations across industries such as oil and gas, environmental, utilities, defense, and municipalities. One such client was a global oil and gas enterprise that used traditional spreadsheets to document the pipeline and related asset inspection and location data. This documented data was then manually loaded into the enterprise systems—a process that often took eleven months to complete the cycle of data consolidation. This resulted in poor data accuracy and the company was constantly hit with heavy fines due to regulatory issues. With CartoPac, 400 mobile users across branches are now collecting and reporting data multiple times a day. The captured data is uploaded on a daily basis, while the Workflow Manager monitors the data through a verification and escalation process, which is then seamlessly loaded into PODS. Lee states that “the elapsed time dropped from eleven months to a few hours.” The client eventually witnessed a dramatic rise in data accuracy along with substantial decrease in the cost of collecting and managing data.

Moving beyond the traditional boundaries, Lee who is always up for challenges says, “Cartopac’s focus is on making data actionable and timely, improving compliance, reducing risk, and multiplying productivity.” In the light of the growing mobile market and the extensibility of mobile applications for oil and gas, CartoPac aims to incorporate the changing mobile trends into its products. Prioritizing the development of applications that make data actionable, while supporting

management assessment and decision-making, CartoPac is looking forward to offering large scale deployments of mobile applications for oil and gas industry. “Adapting to new developments in a timely manner, CartoPac will continue to deliver a broad range of cross functional products and solutions that assist energy companies,” affirms Lee. **CR**



Carl Lee