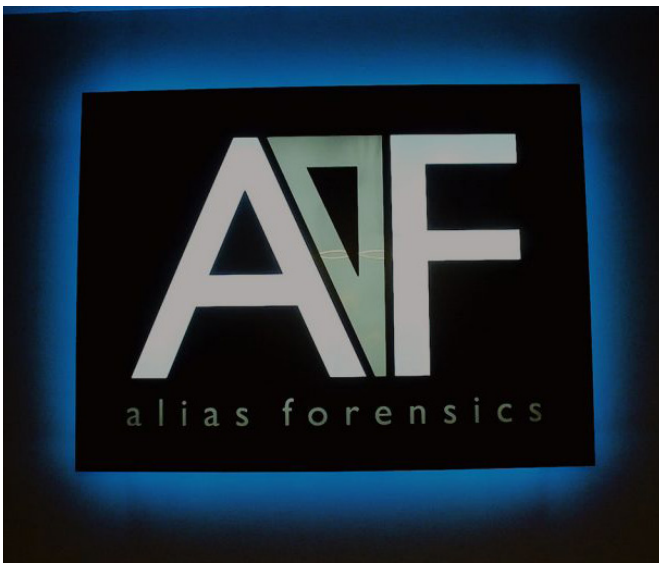


Keeping Oil & Natural Gas Data Safe: Protecting Oklahoma Jobs, Families And Futures



“Keeping Oil & Natural Gas Data Safe. Protecting Oklahoma Jobs, Families And Futures.” energyhq.com.

Donovan Farrow grew up in the small town of Anadarko, Oklahoma. And from the beginning, he wanted a computer. So he mowed lawns to buy the parts for the first one he'd build as a teenager. His computer fascination grew into a cyber security career spanning from Tokyo, to Silicon Valley, to Washington D.C., and government agencies, including the FBI, CIA, the Secret Service and others.

Donovan's experience left him keenly aware of the dangers faced by companies unprepared for cyber attacks. Recognizing the vulnerability in his home state, Donovan made his way back to Oklahoma where he started Alias Forensics. He and his team specialize in safeguarding data for oil and natural gas

companies. Hacking his way in is the first step in assessing a company's risks.

“It takes a hacker to catch a hacker, so that's what we do. Hacking our way in exposes exactly where our clients' biggest vulnerabilities are.”

—Donovan Farrow, CEO, Alias Forensics

Alias Forensics clients range from banks and municipalities with a focus on oil and natural gas. Clients are able to monitor data flow and security status remotely, using a visual dashboard; a tool that immediately reports suspicious activity. Recently, after data was stolen from a major oil & natural gas company, Donovan and his team were able to track down the cyber thieves and bring them to justice, avoiding disastrous results.

In today's digital, cloud-based world, the industry's assets remain

largely unprotected from the wrong hands. Alias builds in security measures that prevent potential hackers from breaking in and selling off their assets or holding them for ransom.

A skillset and credentials like Donovan's begs the question, ‘why Oklahoma?’ He simply saw a critical need and decided to meet it head-on.

“One data breach can put a company out of business and thousands of people out of work. I realized that no one was stepping up to protect Oklahoma oil & natural gas companies and that's when I decided to build my company here.”

Donovan's passion for helping his state doesn't end at the front door of his Oklahoma City business. He is the driving force behind Silicon Prairie; an initiative for advancing tech and data security careers where folks can network and share new trends and opportunities.

Oklahoma will always be home to Donovan. And the way he sees it, protecting the financial well-being of Oklahoma's oil & natural gas companies not only helps protect jobs, and families today, it insures good futures and a stable economy for his kids, and theirs.

BP Supercomputer Now World's Most Powerful For Commercial Research

“Video: BP supercomputer now world's most powerful for commercial research” penenergy.com, Dec. 13, 2017

Since the CHPC opened in 2013, BP has quadrupled its computing power and doubled its storage capacity and plans to continue expanding its computing capability in 2018. (Source: BP)

BP has more than doubled the total computing power of its Center for High-Performance Computing (CHPC) in Houston, making it the most powerful supercomputer in the world for commercial research.

CHECK OUT this cool video (short link goo.gl/TjPFVf)

Increased computing power, speed and storage reduce the time needed to analyze large amounts of seismic data to support oil and gas exploration, appraisal and development plans as well as other research and technology developments throughout BP.

The Center for High-Performance Computing provides critical support to BP's upstream business segment, where it serves as the worldwide hub for research computing. BP's computer scientists and mathematicians at the CHPC have enabled industry breakthroughs in advanced seismic imaging and rock physics research to help with reservoir modelling.

BP's downstream business also is using the supercomputer for fluid dynamic research to study hydrocarbon flows at refineries and




pipelines to improve operational safety.

Working with Hewlett Packard Enterprise and Intel using HPE's Apollo System and Intel's Knights Landing processors, the recent upgrade has boosted the processing speed of BP's supercomputer from four petaflops to nine petaflops. A petaflop of processing speed is one thousand trillion floating point operations, or “flops,” per second.

The supercomputer

has a total memory of 1,140 terabytes (1.14 petabytes) and 30 petabytes of storage, the equivalent of over 500,000 iPhones.

Since the CHPC opened in 2013, BP has quadrupled its computing power and doubled its storage capacity and plans to continue expanding its computing capability in 2018.



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