



# CASE STUDY: QUANTUM RESOURCES MANAGEMENT

## CHOOSING A TRUSTED SOLUTION

Quantum Resources Management is a private oil and gas production company that acquires domestic onshore oil and gas properties. With over 250 employees, the company is based in Houston, with multiple field offices throughout the South. Quantum started building its IT team in 2011 by hiring Joey Rappaport as the Director of IT.

Quantum Resources' new IT team—which includes Rappaport and his Sr. System Administrator, Chad Kitzmann—saw an immediate need to put significant controls in place, including data logging and monitoring. Even without any compliance regulations to meet, Rappaport and Kitzmann saw employee habits as a potential threat to internal systems, and addressing the problem would require additional resources to put proper monitoring in place. The size of Quantum's IT team, however, would not support the time requirements of an effective log management program.

After researching the various options, Quantum Resources determined that Alert Logic Log Manager and LogReview would be effective tools for log collection, review and archival of critical log data without draining his modest IT team of valuable time and resources.

"Alert Logic's Log Manager was capable of performing the tasks that we were unable to do in-house," said Rappaport. "We knew immediately that this solution would work for us."

Ultimately, Quantum Resources chose Alert Logic's Log Manager to fill a need beyond regulation gaps; it chose the Log Manager solution to gain insight into the security of the company's network. Log Manager has since been used as an internal-facing tool that protects the company through the proactive monitoring of employee data logs. The solution provides an alert system that allows the team to act quickly on suspicious activity to protect company data,



Quantum Resources  
Management, LLC

### ABOUT

Formed in 2006, Quantum Resources Management acquires mature domestic on-shore oil and gas properties and enhances their value through optimizing costs, pursuing operational enhancements and executing low-risk developmental drilling.

### SOLUTIONS

Alert Logic Log Manager with LogReview for data logging and monitoring



and it serves as a safeguard against possible threats linked to employee behavior, like inappropriate Web surfing.

"We find Log Manager to be extremely helpful toward our purposes. Log data is managed for me, and I am notified immediately of all possible threats, allowing me to make quick evaluations," said Kitzmann.

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- Joey Rappaport, Director of IT

## FROM MONITORING TO INTELLIGENCE

Since its initial adoption, Quantum Resources has seen the value that Log Manager and LogReview deliver to the organization, both in terms of monitoring and intelligence. By gathering and correlating log data, Alert Logic is able to turn information into intelligence, making it a powerful security tool that can quickly identify intrusions and security breaches beyond the network level. The enormous volume of log data produced by the varied systems and applications at Quantum contain vital information about potential threats such as excessive failed login attempts, privilege escalation, and changes in usage patterns that can indicate an attack or breach.

Quantum Resources' satisfaction with Alert Logic and Log Manager has the IT team planning to implement Threat Manager, Alert Logic's managed intrusion detection and vulnerability assessment solution, as well. The team has spent six months completely revamping their infrastructure, and is looking to build upon that work to further protect company data.

"Our overall goal is to employ both Alert Logic security solutions as the watchdog that sits atop an already-secure network," said Rappaport. "Placing the responsibility for log management offsite allows our in-house resources to take a successful first step toward reaching that goal."

## ABOUT ALERT LOGIC

Alert Logic, the leader in security and compliance solutions for the cloud, provides Security-as-a-Service for on-premises, cloud, and hybrid infrastructures, delivering deep security insight and continuous protection for customers at a lower cost than traditional security solutions. Fully managed by a team of experts, the Alert Logic Security-as-a-Service solution provides network, system and web application protection immediately, wherever your IT infrastructure resides. Alert Logic partners with the leading cloud platforms and hosting providers to protect over 3,000 organizations worldwide. Built for cloud scale, our patented platform stores petabytes of data, analyses over 400 million events and identifies over 50,000 security incidents each month, which are managed by our 24x7 Security Operations Center. Alert Logic, founded in 2002, is headquartered in Houston, Texas, with offices in Seattle, Dallas, Cardiff, Belfast and London. For more information, please visit [www.alertlogic.com](http://www.alertlogic.com).