



INFORMATION SECURITY IN THE ENERGY SECTOR

Security Solutions from Alert Logic and RigNet

AN ATTRACTIVE TARGET

The energy industry possesses significant intellectual property, which makes it an attractive target for cyber-terrorism.



ENERGY SECTOR IT SECURITY CHALLENGES

Energy organizations are attractive targets for security breaches. From a business perspective, energy companies operate and have access to extremely valuable assets, intellectual property and data.

In addition to normal security challenges, like dealing with BYOD (bring your own device), BYOA (bring your own app), and insufficient security practices by employees (e.g., weak passwords, out-of-date software), the energy sector has many unique security vulnerabilities, including:

- » Sophisticated IT systems are needed to run your business, but IT systems are often spread out in remote locations like field offices, offshore rigs, drilling sites and other areas where IT staff are limited.
- » Energy companies frequently rely on subcontractors and subcontracting firms, and need to integrate networks without having control of the security on their subcontractor's network.

For the many organizations that have been breached, consequences range from unproductive network and system outages, compromised controls, stolen documents, exposed user credentials, and much more.

INFORMATION SECURITY IN THE **ENERGY SECTOR**

HOW ALERT LOGIC AND RIGNET CAN HELP

The energy industry represents a high-value target for security breaches. It possesses significant intellectual property, and also provides an exceedingly attractive target of interest for cyber-terrorism. As such, taking adequate security measures is of paramount importance. To help organizations in the energy sector meet IT security needs, Alert Logic and RigNet partner to deliver Alert Logic managed security solutions with managed communication and network services from RigNet.



SCAN AND MONITOR FOR THREATS

Threat Manager with ActiveWatch scans networks for internal and external vulnerabilities (e.g., systems with missing or out-of-date patches), monitors the network 24x7, and analyzes billions of events using intelligent multifactor correlation to identify suspicious traffic. When incidents are identified, GIAC-certified security analysts in Alert Logic's Security Operations Center alert you and provide guidance on remediation.



COLLECT AND MANAGE LOG DATA

Log Manager with LogReview collects, parses, and normalizes the millions of data points that can show up in the logs of applications and IT infrastructure. Reports are presented back to you in an easily understandable, searchable format that you can use for compliance purposes or for alerting of suspicious log activity. For energy companies consolidating this data over wide areas, log data is compressed and encrypted locally so it can be effectively and securely transported to a central location. Now gathering logs from offshore and other remote locations is easier and more cost effective than ever.

AVAILABILITY AND SECURITY COMBINED

Alert Logic services are fully managed and can be customized to meet the unique needs of any energy organization. By combining Alert Logic's 24x7 security monitoring with RigNet's network operation center, organizations in the energy sector have a complete solution for ensuring the availability and security of IT infrastructure.

MORE INFORMATION

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