Spanalytics, LLC
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How Secure is Your Petroleum Equipment or Site?

We Are:

- Leaders in the field of wireless cyber security
- Manufacturer of best-in-class IoT analysis tools
- Decades of experience in security audits and penetration testing
- One of the only companies to do deep dive training in IoT Wireless and Cyber Security
- Located in Richmond, Virginia
- A Veteran-Owned Small Business

Can we help improve the efficiency and security of your work?

Potential Uses:

Spanalytics works to provide security to your drill's, down hole recorder's , and other tool's wireless networs, helping to prevent attacks. Some example sevices include:

- ➢ Device Security Audits
- ➢ Interoperability and Efficiency Audits
- ➢ Keeping devices safe from DoS attacks, overwriting sensor data, manipulating device firmware, etc.

Example Use Cases:

Finding unauthorized devices:
Our Panalyzer product provides real-time monitoring for a multitude of IoT wireless protocols. Set thresholds and alarms in our software to detect and provide alerts on unauthorized or suspicious devices.

Device Evaluations:
With the help of the Spanalytics team, a local third-party security vendor, or done in-house, our tools and training ensure security issues are found before they hit the field. The Spanalytics team has conducted countless security audits, with mitigations and detailed reports provided to a wide variety of customers.

Attack Prevention:
Unfortunetly, there are more and more "bad actors" who want to install ransomware, degrage your brand, corrupt your data, or otherwise make your work more complicated. We can help with determing the security posture of your devices and networks and provide mitigation strategies.

Establishing What is Normal and Abnormal Behavior:
Did someone attach an authorized wireless device onto your network? How do you find it and how do you know it's a rogue device? Our hardware and software will capture the wireless traffic, run analytics on the data set, and alert you if something is found. Figuring out what is normal vs. abnormal takes years of experience.

Interoperability Audits:
While working in the field, it is imperative devices cooperate with one another efficiently, accurately, and securely. Spanalytics tools and on-site consulting conducts interoperability audits to assure customers that their devices will work as they should.

Trainings:
Spanalytics is a leader in deep dive training into IoT protocols, such as Bluetooth, ZigBee, Wi-Fi, Thread, Wi-SUN, Z-Wave, and LoRa. Training can last from as little as a day, to as long as two weeks and is tailored to the students' requiements. We offer labs and content to address topics like cyber security, firmware development, interoperability analysis, learning the commercially available tools and what can be done on any budget.