Spanalytics, LLC

Applying Internet of Things Cyber to Military and Government

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 your situational awareness and provide cyber protection?

Potential Uses:

Spanalytics has worked under contract to defense and other government customers for decades and understands they have unique use cases, like:

- ➢ What can be learned from IoT data?
- ➢ How do I find, fix, and deny unauthorized devices in my space?
- ➢ How do I ensure new cyber requirements are being met?
- ➢ How do I allow wireless devices into my space and make sure I don't get compromised?

Example Use Cases for Military and Government Customers:

Device Location:

Our Panalyzer product provides real-time monitoring for a multitude of IoT wireless protocols. We have a hand-held geolocation device (FindIT) for local area device fixing. Our systems can be hand carried, left behind, or integrated into a larger system.

Analytics:

Monitoring of these IoT networks will demonstrate the amount of data that is typically being transmitted. How do you make sense of all the received data? We offer software that filters, analyzes, and exports the data. We show Meta Data, graphical representations, and provide CSV export to other packages like Microsoft BI, Virtualytics, and Splunk.

Government Requirements:

The US Government has released the Cybersecurity Maturity Model Certification (CMMC). This and similar requirements in other countries have a Wireless Intrusion Detection (WIDS) requirement. We can help with that. We can also help with ensuring CSSO/CISO policies are followed.

Establishing Normal and Abnormal Behavior:

Understanding whether a wireless device is acting normally or abnormally, or if you are being (smartly) electronically attacked takes years of experience. We have subject matter experts that can help with training, consulting, analytics tools, or building out a system to meet your requirements.

Allowing Authorized Devices:

Nowadays medical and other devices (like contact tracers) need to be allowed into sensitive spaces. Our products and services can help your CSSO implement a smart kiosk and montioring system to ensure only authorized devices are allowed in.

Training:

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, COTS, GOTS, and what can be done on any budget.

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