

Prometheus Security Group Global Homeland Security and the Need for Cyber Aware Solutions

In today's globally interconnected world, the Internet of Things (IoT) is driving an explosion of life enhancing and business expanding inventions. Each technological advance moves us further into software automation, artificial intelligence and computing power at the edge. These developments are innovative, exciting, and free up vast amounts of human brainpower for further imaginative processing, exploration and development. From the clouds we find a sobering picture of what this causes on the front lines for security. Jeremy Freeze-Skret, VP Engineering at PSG says, "The vast Cyber frontier exponentially expands the border of where the security lines might be drawn. No longer do attackers need to penetrate heavily guarded physical perimeters to expose information or obtain valuable assets, virtual paths of exploitation are uncovered daily." How do we counterbalance the ever-evolving threat landscape?

"If you have built castles in the air, your work need not be lost; that is where they should be. Now put the foundations under them."

Henry David Thoreau, Walden

Be agile and willing to adapt. Embrace innovation and take advantage of the great opportunity chaos affords. Fixed perimeters are being overtaken by infinite virtual ones. We must allow our thinking about security to evolve into a fluid, integrated stream of solutions for the CyberSecurity arena.

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This starts with awareness of the threat, which simply put is anything with a network connection. No longer can a security mindset be limited to the servers and infrastructure, it must include the edge with everyone doing their part. Daniel Griego, Director of Cyber & Network Services for PSG says, "The keystone to a strong Cyber posture is self-awareness.



This is developed through a disciplined approach in five key areas." First, understand in detail what hardware and software are deployed. Second, accept a posture of continuous vulnerability assessments and updates with secure, verifiable delivery mechanisms. Third, restrict the keys to the kingdom by defining standard configurations which adhere to "need to know" and "need to access" principles for users and devices. Fourth, audit, collect, categorize and classify the information these systems produce. Finally, we must continually monitor, maintain and harden. Rick Gross, CEO of PSG says, "It is imperative to manage the information, or the information will manage you." Focus on agile and adaptable solutions backed by companies with agile and adaptable mindsets. These approaches are foundations for the future via a flexible architecture that evolves with reality and does not resist or restrict it.

"Be extremely subtle even to the point of formlessness. Be extremely mysterious even to the point of soundlessness. Thereby you can be the director of the opponent's fate."

Sun Tzu, Art of War

PSG is an advanced technology security company with a driven focus on Video and Cyber Security management. Our innovative culture develops Cyber Aware solutions which contribute to a strong security foundation within the IoT revolution. We embrace technological innovation as new information becomes available. **CR**