Who, what, where, when, but most of all — why

As commercial corporations and government agencies continue to spend countless millions of dollars on protecting their most valued asset (data) from outside cyber-attacks and ever so increasing insider threat potential, not nearly enough attention has been given to physical security. There is typically little consideration for protecting and limiting the unmonitored access to the equipment housing the data. Over the last decade, a tremendous emphasis has been placed on the cyber security community to stand up to elaborate attacks; threat and security operation centers, cyber task forces, and other internal organizations focus primarily on monitoring and protecting their network from an internal and external perspective. While this approach certainly mitigates most of the risk associated with the traditional malicious cyber-attacks, it unfortunately neglects to look at new and emerging physical security threats and risks associated with not protecting and securing the internal equipment. While this new insider threat risk may not capture the attention of many fighting today's war on cyber, it will however, if not properly addressed, allow the silent malicious insider unmonitored access to vulnerable equipment that contains a corporation's or agencies most valuable asset – its data.

Today's Insider Threat – It's Real!

Today's rise in insider threat is intensified by the ever-increasing concentration of computer power and network access provided to privileged and most often unmonitored users. These silent enemies have intimate knowledge of and privileged access to proprietary systems and data, allowing their actions to go undetected by security systems built to defend against breaches from the outside.

According to a 2016 article on Forbes.com, IBM stated that, "fifty-five percent of cyber-attacks were carried out by insiders. Companies overwhelmingly continue to direct security funding to traditional network defenses that fail to prevent damage from insiders."

The Insider Threat Spotlight Report (2016) produced by Crowd Research Partners stated that file servers represent 55% of the most vulnerable assets susceptible to insider attacks.

Unfortunately, the silent enemy is all too often a disgruntled employee, departing executive, rogue system administrator, or a malicious third-party insider who consciously or unwittingly removes proprietary data, sabotages a company's IT system, or manipulates its data and systems in such a way to cause serious data breach, financial or national security damage. Regardless of the type of silent enemy or motivational factors, the devastating impact of these malicious actions can potentially cause catastrophic harm not only to corporate America resulting in the loss of millions, but more importantly, to the strength and security of our nation resulting in the loss of life. Simply ask the question – why take the risk?

Crowd Research Partners. (2016). *Insider threat spotlight report, 10.*
Rose, Robert N. (2016, Aug 30). The future of insider threats. *Forbes.* Retrieved from https://www.forbes.com/sites/realspin/2016/08/30/the-future-of-insider-threats/#28f0a43d7dcb

A Complete Enclosure Solution

With a documented rise in insider threats and the lack of awareness of this possible risk, a complete and balanced defense must be implemented. This vigilant approach must consist of physical server enclosures and robust security practices that seamlessly combine to protect one's most critical asset—data. Through the use of multi-factor authentication, security operations center (SOC) remote monitoring capabilities, and real-time auditing practices, a watchful eye is now placed on individuals who have unfiltered access to the server equipment.

At Great Lakes Case & Cabinet, we have successfully engineered and manufactured SEAL® enclosures, multi-functional and fully customizable enclosure solutions that not only secure your data and equipment with state-of-the-art locking mechanisms and solid steel construction, but provide additional security features that further increase the protection level of the equipment and data. Manufactured and assembled in the United States using American made components, SEAL offers three security levels depending on the exact degree of protection required to safeguard your data. In addition to the standard three security levels, SEAL provides a fourth level with the ability to fully customize a physical security solution to meet your unique protection needs. Regardless of the level of protection selected, the goal of SEAL is simple – help customers achieve a level of protection that fits within their budget, meets or exceeds their physical security requirements, and provides a desired level of risk mitigation.

Why Great Lakes Case & Cabinet?

For more than 30 years, we have been providing our customers with these key elements which are the foundation of our business model – Value, Protection, and Commitment to Customer Service. At Great Lakes Case & Cabinet, we strive to offer our customers exceptional value for a true US manufactured cabinet solution that meets or exceeds the desired level of physical "Insider Threat" security protection. In order to stay ahead of the physical security curve, our engineering team works closely with industry security experts and our federal, state, and commercial customers to continuously enhance and strengthen SEAL products without sacrificing value and protection. Our commitment to customer service goes above and beyond just the sale of our cabinet solutions. We help determine the exact level of protection based on validated requirements, risk mitigation or threat levels, and budgetary constraints. Once a level of protection is determined, our team is fully capable of providing a complete turn-key solution that may include but not be limited to: site inspections, installation, system integration and test. At Great Lakes Case & Cabinet, we don't just sell cabinets, we offer a complete enclosure solution.

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