

Addressing Insider Threats, Cyber Attacks & Data Security

What are the realities of these looming threats and how can credit unions strategically address and prevent them?

Insider threats are not new; these have been imminent since the very first credit unions opened their doors. However, the difference between then and now is that many of these once 'traditional' and simplistic threats are becoming more sophisticated and complex. Therefore, credit unions need to take additional precautions in detecting, preventing, and mitigating these insider risks posed by their internal staff, vendors, contractors, and any other individuals who may have access to secure systems and private information. Here is a list of best practices to help manage insider threats:

* *Enforce dual controls/segregation of duties.* This is a key loss prevention measure to help keep everyone inside the credit union, at a vendor, or contractor honest.

* *Perform internal audits* of the various functions within the credit union to help keep staff in check.

* *Invest in culture enhancement programs* like Integrity Solutions® to help keep staff from creating dishonest acts.

In 2016, there will primarily be two different types of cyberattacks: (1) external cyberattacks involving merchant data breaches that steal members' payment information and (2) internal cyberattack involving a breach from within the credit union. The following are the measures credit unions can take to implement more trusted layers of security and get ahead of these cyberattacks:

* *Educate employees and members* about risk prevention measures they should take.

* *Utilize designated computer(s) for storing secure information*, and put protective measures in place to ensure these computers are never used for emailing or web browsing.

* *Implement dynamic payment card security measures*, such as end-to-end encryption, tokenization, chip technology, or biometrics.

* *Educate yourself* about trending risks through networking with peers and utilizing public risk education resources like free webinars and industry publications.

Also, don't forget about the need to perform the file security and help protect critical data:

* *Secure all perimeters* wherever any secure files or data resides – ensure this is done on site, as well as with your vendors and/or contractors.

* *Implement protection solutions* to guard inbound and outbound data loss – such as the risk protection services and tools offered by Allied Solutions.

* *Centralize* management technology.

Finally, consider implementing the following proven risk mitigation strategies to help optimize security layers and get ready for the threats and challenges to come in 2016:

* *Utilize a financial intelligence unit (FIU)* to find the source of fraud and criminal activity and help optimize data security.

* *Adopt an enterprise risk management (ERM)* strategy to align risk prevention initiatives with corporate initiatives.

Credit unions need to continue to be diligent in managing these areas of risk and ensure we never let our guard down! That's why it is essential we make strides toward becoming more sophisticated with how we manage risk exposures and aligning these goals and tactics with our overall business strategies.

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