

CENTRAL BUSINESS SYSTEMS NEWSLETTER

Spring 2024



Why Businesses Need Protection from Ransomware Attacks

Top News

Dive into the latest in tech with our newsletter! From groundbreaking innovations to expert insights, we're gearing up to bring you the hottest trends and developments shaping the IT and cybersecurity landscape.

Ransomware attacks are a serious threat for companies of all sizes. Here's how they work: Cyber criminals gain access to your network and plant malicious encryption software, which locks your device and/or prevents you from accessing your data. The criminals typically demand a ransom in exchange for an encryption code and the safe return of your data. Unfortunately, paying the ransom is no guarantee that your problems are over. The thieves may take your money and refuse to fork over the encryption key, or they may turn around and sell your data on the dark web. And even if you do regain access to your device and data, the ransomware infection might spread throughout your network, to shared drives, servers, and computers.

Last year saw a 68% increase in ransomware attacks – a trend that is expected to continue as cybercriminals increasingly embrace artificial intelligence (AI). AI technologies allow bad actors to carry out ransomware attacks with alarming efficiency and effectiveness.

#TechTrends #StayUpdated

Why Businesses Need Protection from Ransomware Attacks *cont'd*

The good news is, the good guys have AI, too. At Central Business Systems, we employ AI-enabled cybersecurity solutions as part of a multi-faceted approach to protect our clients' systems from ransomware and other types of attacks. AI enhances the ability of cybersecurity teams to detect, analyze, and respond to various threats. AI-enabled tools can sift through massive amounts of data and instantly identify patterns and anomalies that could indicate an attack. Based on these analyses, the algorithms can assess the severity of a situation and respond appropriately, such as by alerting the IT team and/or mounting an automatic protective response to thwart the attack or limit the damage. We also use AI-enabled tools to scan technology systems for vulnerabilities, to proactively pinpoint weaknesses that need to be fortified to prevent future attacks.

For more information about our multi-faceted cybersecurity services, visit <https://www.centralsolutions.com/professional-services/cyber-security>.

How AI is changing ransomware and how you can adapt to stay protected

Nov. 13, 2023 | Anastasia Hurley

As artificial intelligence (AI) technology continues to evolve, cybercriminals are beginning to explore the full potential of these advances. Previously, some of the gating factors of ransomware were around the expertise and volume of work required to launch a successful attack. Even though ransomware-as-a-service (RaaS) existed where some or all the ransomware attack could be jobbed out to a ransomware provider, that meant a would-be ransomware attacker would have to trust another criminal, the RaaS provider. For ransomware attackers that were able to do the work themselves, there was a lot of manual work required, which limited the scope, effectiveness, and volume of the attacks.

With AI in the picture, many of these limitations are lifted. Attackers of all experience levels can use AI to increase the number of attacks that their organization can carry out, as well as improve the effectiveness of the attacks and help to fill in the limitations of their criminal organization. How will that look in practice?

Read the entire article:

<https://blog.barracuda.com/2023/11/13/ai-ransomware-adapt-stay-protected>

#CyberSecurity #NetworkSecurity

2024 OFFICIAL SPONSOR



**ISLAND
HARVEST**

The Nation's Largest Food Drive

Help Stamp Out Hunger

Central Business Systems is proud to support our partner Island Harvest as a sponsor of the “Stamp Out Hunger 2024” initiative on Saturday, May 11. Island Harvest is once again Long Island’s exclusive hunger relief partner for the biggest food drive in America. The National Association of Letter Carriers asks residents to leave non-perishable food items by their mailboxes, and the letter carriers will pick them up that day and deliver them to Island Harvest Food Bank to be assorted and repacked for distribution to Long Islanders in need. Last year, this amazing event generated 544,000 meals locally for our neighbors.



Be Part of an Inspirational Event

Don't miss SCO Family of Services' "Inspiration Gala" on Thursday, May 2 at 6 p.m. at the Garden City Hotel. Central Business Systems is proud to partner with this wonderful organization, which supports more than 50,000 children, teens, families, and adults with special needs annually across Long Island and New York City. This special event, which raises funds for SCO's critical services, features live entertainment, dancing, and an auction featuring luxury apparel, sports packages, and unique experiences. We hope to see you there!

To purchase tickets, visit
<https://sco.org/events/inspiration-ball/>

Getting to Know SCO

Mike Chambers and Bob Mesas of Central Business Systems were happy to attend a recent open house at SCO Family of Services. Entitled the “Get to Know SCO” Open House, the event at SCO’s Garden City headquarters gave members of the community a window into the wonderful work that SCO does. Staff from SCO’s programs discussed the vital human services the organization provides to give vulnerable populations the necessary tools they need to achieve success. It was a good day!



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