



READY TO RESPOND

NEWSLETTER



CITY OF CHARLESTON

OCTOBER 2016

CHARLESTON FIRE DEPT

Cyber Security Month

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National Cyber Security Awareness Month

We live in a world where we are more connected than ever before. Almost all aspects of our daily lives touches the internet in some form or another. Since October is National Cyber Security Awareness Month, this is a good time for everyone to evaluate their cyber risks. Cyber security breaches are becoming more frequent and harder to detect. The average annual count of cybersecurity incidents is between 80-90 million. The top means of cyber-attacks in 2015 was phishing and malware. We encourage everyone to become familiar with their risks and prepare accordingly

Cyber Security Terms

Phishing - Method used by criminals to try to obtain financial or other confidential information (including user names and passwords) from internet users, usually by sending an email that looks as though it has been sent by a legitimate organization (often a bank). The email usually contains a link to a fake website that looks authentic.

Firewall - Hardware or software designed to prevent unauthorized access to a computer or network from another computer or network.

Hacker - Someone who violates computer security for malicious reasons, kudos or personal gain.

Encryption - The transformation of data to hide its information content.

Malware - Software intended to infiltrate and damage or disable computers. Shortened form of malicious software.



Top 7 Cyber threats according to Kaspersky Lab

- Retail Data Hacks
- Mobile Security & Smartphone Vulnerability Threats
- Phishing Attacks & Social Engineering
- Identity Theft
- Healthcare Data Hacks
- Targeting of Children by Sexual Predators
- Attacks on Banks

October is National Cyber Security Awareness Month



Protect Your Information!

Security Tips:

- ✓ Make your passwords long and difficult to guess.
- ✓ Never share your passwords!
- ✓ Check the privacy settings on social networking sites.
- ✓ Restart your computer regularly.
- ✓ Use eduroam secure wireless.
- ✓ Don't click on random links or download unknown files.
- ✓ Use antivirus. This is required for Macs and PCs on campus.



its.ucsc.edu/security/securestu.html

Watch where you surf!



The Internet is swimming with sites waiting to take a bite out of your data.

Use caution when clicking on links!

its.ucsc.edu/security/internet.html



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Are you smarter than your phone?



its.ucsc.edu/security/mobile.html

Phone security tips:

1. Password protect your device
2. Watch what you download/upload
3. Don't store sensitive information on your device
4. Double-check your privacy settings
5. Don't click on unfamiliar links

ITS staff are here to help!
When in doubt ask: help@ucsc.edu

October is National Cyber Security Awareness Month



Illinois Emergency Management Agency Press Release

October is National Cyber Security Awareness Month

SPRINGFIELD – Reports on computer hacks and online information breaches are in the news almost daily. While the news stories come and go, the effects of having your personal information compromised can be long-lasting. To highlight the importance of understanding and avoiding cyber risks, Governor Bruce Rauner has proclaimed October National Cyber Security Awareness Month in Illinois.

“Cybercrime is a very real threat across the globe,” Gov. Rauner said. “Here in Illinois, our new Department of Innovation and Technology is spearheading efforts to keep the state’s networks safe from the continual barrage of attacks. It’s equally important for individuals, schools, businesses, organizations and others to work to keep their online information secure.”

“Cybersecurity threat impacts all of us, and is truly a citizen safety issue,” said Hardik Bhatt, State CIO and Secretary Designate of the Department of Innovation & Technology (DoIT). “Through Governor Rauner’s leadership, the state of Illinois is securing our technology infrastructure through partnerships with different levels of government and critical infrastructure partners. For a truly cyber-secure Illinois, we believe that the most important cybersecurity partnership for us is with our citizens.”

During the month, the Illinois Emergency Management Agency (IEMA) and local emergency management agencies are joining to increase awareness of online risks and provide tips on what people can do to prevent problems.

“The Internet touches nearly every aspect of our daily lives,” said IEMA Director James K. Joseph. “From computers and laptops at homes, schools and workplaces to smartphones and tablets, the ability to instantly connect with information and people around the world offers countless opportunities for everyone, including criminals. Fortunately, there are steps everyone can take to stay safe online.”

Joseph said the *Stop. Think. Connect. Campaign* is a global safety awareness campaign to help people stay safe online. The campaign offers many tips and information for online security, including:

- Keep security software current to defend against viruses, malware and other online threats.
- Protect all devices that connect to the Internet, including computers, smartphones, gaming systems and other web-enabled devices.
- Use security software to scan USBs and other external devices for viruses and malware.
- Make passwords long and strong by combine capital and lowercase letters with number and symbols.
- Have unique passwords for every account.
- Avoid suspicious links in emails, tweets, posts and online advertising, which can be the way for cybercriminals to access your computer.
- When banking and shopping online, check to be sure the site is security enabled (https:// means the site takes extra measures to secure your information).
- Protect your work, music, photos and other digital information by making an electronic copy and storing it safely.