



## **Solano County Department of Information Technology**

### Purpose:

Announce National Cybersecurity Awareness Month

### Presented by:

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# Threats facing State, Local, Tribal, Territorial Governments

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- **Ransomware**
  - May 2019 - Baltimore City, Maryland ransomware attack knocks city services (Property Tax systems; it Cost \$ 18.2 million in recovery efforts)
- **Phishing emails**
  - May 2016 – Los Angeles County Department of Health Services, fell victim to a phishing email attack that allowed outside access to medical information of 15,591 patients.
- **Hacking of election infrastructure (voting system, voter registration system, etc.)**
  - 2016 - Russian attempts to hack voting-tech firm VR Systems, a Florida-based tech firm that sells equipment and software used in voting registration.



# Cybersecurity Attacks towards Solano County

## August 2019 Data

Type of Cyber Security Attacks	Attack Count - Blocked
Network Attacks from the Internet	21,288
Malware Attacks	19
Email Viruses	1,732
Spam Emails	47,235



## October National Cybersecurity Awareness Month

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We propose the Solano County joins this national effort and declare October as Cybersecurity Awareness month.

Goal of the national declaration:

**Raise awareness about the importance of cybersecurity.**

**Encourage all residents of America to seek the resources they need to be safer and more secure online.**



## Theme and Key Message for October 2019

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- Own IT

Understand your digital profile – understand the devices and application you use everyday.

- Secure IT

Secure your digital profile – learning about security features available on the equipment and software you use.

- Protect IT

Maintain your digital profile – be familiar with and routinely check privacy settings to help protect your privacy and limit cybercrimes.



# National Cybersecurity Awareness Month

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- Encourage all people to be responsible technology users.
- The County will be accountable for its cybersecurity by:
  - Enforcing strong password policies
  - Enabling Multi-Factor Authentication
  - Maintaining good cyber hygiene
  - Training and coaching the County workforce



## Improving the County's Cybersecurity Defense

- Investing in new security technologies to further secure County data and information systems.
- Improving the County's ability to respond quickly to cybersecurity incidents.
- Educating County personnel on current cybersecurity threats.
- Partnering with federal agencies (DHS, MS-ISAC, NCRIC - Northern California Regional Intelligence Center) - For Cyber security intelligence / Information Sharing / Resources



# Questions?

Link to the website:

[niccs.us-cert.gov/national-cybersecurity-awareness-month-2019](https://niccs.us-cert.gov/national-cybersecurity-awareness-month-2019)

## National Cybersecurity Awareness Month 2019

Held every October, National Cybersecurity Awareness Month (NCSAM) is a collaborative effort between government and industry to raise awareness about the importance of cybersecurity and to ensure that all Americans have the resources they need to be safer and more secure online.

NCSAM 2019 will emphasize personal accountability and stress the importance of taking proactive steps to enhance cybersecurity at home and in the workplace. This year's overarching message – Own IT. Secure IT. Protect IT. – will focus on key areas including citizen privacy, consumer devices, and e-commerce security.

