

Air Mobility Command Cybersecurity Awareness Month Newsletter

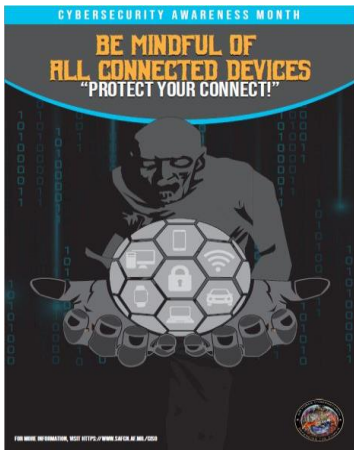
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Week 4: Be Mindful of IoT Connected Devices

For more information contact your Wing CyberSecurity Office or e-mail the HQ AMC Cybersecurity Office at AMC.Cybersecurity@us.af.mil



Tips to secure IoT Devices At Home:

1. Update with Software Patches
2. Secure home internet connection
3. Disable router WPS push button
4. Review device security settings
5. Apply multi-factor authentication or strong passwords to IoT devices

What is the Internet of Things (IoT)?

We have become more connected than ever before. A little over ten years ago, we only accessed the internet through a laptop or desktop computer. The Internet of Things (IoT) is the extension of internet **connectivity into physical devices** such as smart watches, headphones, and TVs. There are expected to be over 64 billion IoT devices worldwide by 2025.

IOT –Benefits Vs Concerns



CONNECTIVITY
HOME SECURITY
COST-EFFECTIVE
SAVING ENERGY



DEVICE THEFT
PRIVACY IMPLICATIONS
DATA STORAGE
SECURITY AND SAFETY

Security, Privacy and Data Sharing Information

It's important to buy IoT devices from a reputable company because they will likely provide regular security patches, improved user security/privacy settings, and typically be well reviewed online.

Hackers aren't the only threat to the IoT; privacy is a major concern for its users. For instance, companies that make and distribute consumer IoT devices could use those devices to obtain and sell users personal data.

IoT devices even impact children. These devices in our homes and in public generally do not discriminate between adults and children. As the human environment becomes more saturated with sensors and microphones, children's activities and data are at risk of being tracked by third parties whose presence and role are not evident to the individual. More info at <https://www.internetsociety.org/policybriefs/iot-privacy-for-policymakers/>

"We are in a brave new world where not only do our children talk back to us, but so do our appliances." –Mohammed Datagir

CSAM Virtual Events and other resources are available at:

<https://www.safcn.af.mil/Organizations/CISO-Homepage/Cybersecurity-Awareness-Month-CSAM/CSAM-2021/>

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