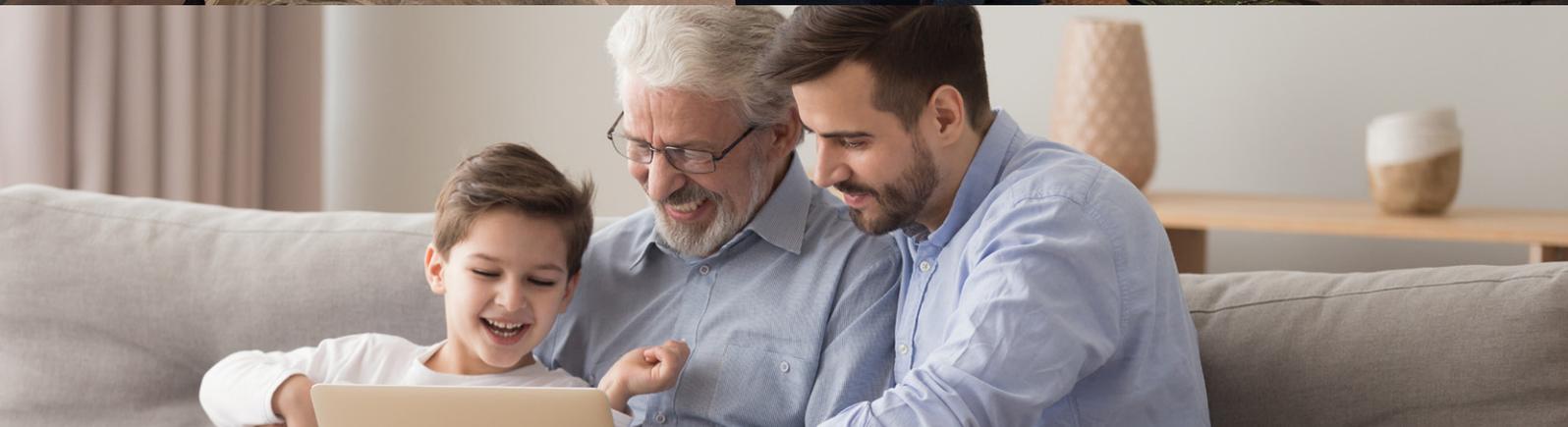# Deployment Playbook

Practical Ways to Stay Safe Online-From Our Experts to Your Home

#SecureTheFamily

While it is essential to ensure your employees understand how to remain cybersecure at work, it is also important that they recognize their ability to be cybersecurity aware in their personal lives as well. When your employees are cybersecurity aware, it means they understand what cyber threats are, the potential impact a cyber attack will have, and the steps required to reduce risk and prevent cyber criminals from infiltrating their spaces, whether at work or at home. By encouraging cybersecurity awareness practices at home, you are also promoting good cybersecurity habits and amplifying your culture of security awareness in a way that ensures your workforce is always on the lookout to protect both their assets and yours.

The #SecureTheFamily kit equips you to better educate your workforce on established techniques to secure their home devices and personal data, as well as how parents can protect their children and teens online. The following guide outlines the materials included and provides suggestions on how to deploy it.

About the #SecureTheFamily Materials

To author the materials in this kit, SANS turned to Digital Forensics Expert, SANS Senior Instructor, and mother of two Heather Mahalik. To say that digital forensics is central to Heather's life is quite the understatement. She has worked on high-stress and high-profile cases, investigating everything from child exploitation to Osama Bin Laden's media. She has helped law enforcement, eDiscovery firms, and the federal government extract and manually decode artifacts used in solving investigations around the world. There hardly exists a device or platform she hasn't researched or examined or a commercial tool she hasn't used.

Heather has invited us into her home to share how she has turned professional expertise into the strategies and tactics she deploys with her own family in the series of informative videos and referenceable fact sheets detailed below.

Using This Material

The videos in this series are available on the SANS Security Awareness YouTube channel to be viewed and distributed amongst your workforce to allow your staff to share these lessons at home with their families. For increased engagement and knowledge retention, we recommend loading versions on these videos into a Learning Management System (LMS). To learn how to obtain LMS-ready versions of this content, contact us to learn how to become a SANS Security Awareness customer.

The following pages detail best practices and helpful tip on how to get the most out of these materials.

Securing Family Members

Family members both young and old often require extra care in ensuring they are not taken advantage of online. Whether monitoring children and teens on devices or social media or assisting parents and grandparents with installing software or avoiding phishing scams, empower your employees to share their security awareness knowledge with those around them, so they will be more likely to exercise theses habits in the office as well.

Secure the Family Training Videos

- **Top Threats to the Home:** Anyone's home can be targeted by a cyber attacker. In this module, digital forensics expert Heather Mahalik identifies the most common threats to home digital security and shows us how to secure a home Wi-Fi network and smart home devices.
- **Balancing Your Children's Privacy Online:** Our children and teens are spending more time than ever online. In this module, digital forensics expert Heather Mahalik discusses screen time limits and outlines the risks associated with kids' online activities, including cyberbullying, social media
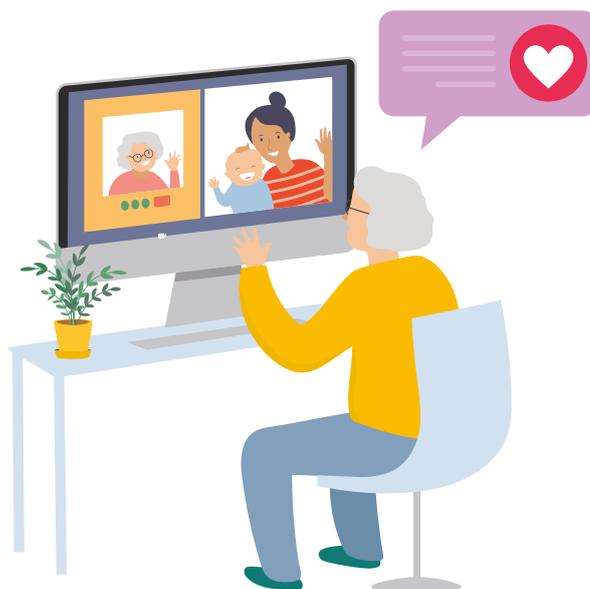
use, video gaming, and the concept of the digital footprint.

Securing Home and Personal Devices

From "personal assistant" speakers to Wi-Fi enabled appliances, we are more digitally connected in our homes than ever before. Ensuring both children's and home devices are secured from attacks provides individuals with peace-of-mind to confidently engage with the "Internet of Things."

#SecureTheFamily Training Videos

- **Securing Devices:** Many parents face difficulty in striking an appropriate balance between security and accessibility regarding their children and teens' digital devices. In this module, digital forensics expert Heather Mahalik discusses the security risks associated with kids' devices, as well as common-sense steps parents can take to secure devices by type and operating system.
- **Top Threats to the Home:** Anyone's home can be targeted by a cyber attacker. In this module, digital forensics expert Heather Mahalik identifies the most common threats to home digital security and shows us how to secure a home Wi-Fi network and smart home devices.

Securing Personal Data

Backing up data is an essential exercise that we often don't think about until we lose - or almost lose – important information. Encouraging employees to get into the practice of backing up their personal information helps build a habit that will benefit your data as well as their personal information.

#SecureTheFamily Training Videos

- **Backing Up Your Digital Information** Backing up our digital information consistently is crucial in order to protect ourselves and our families in cases of device crashes, attacks, and other emergencies. In this module, digital forensics expert Heather Mahalik discusses the ins and outs of backing up data, including the use of cloud storage providers, scheduling regular automatic backups, understanding where data is going, and talking to family members about backups, password managers, and other important data security measures.

Deployment Plan

Below is a suggested deployment plan for the month. Customize this approach to the needs and requirements of your organization.

Week 00
Announce the topic to your workforce. Explain to them why this is important, what they have to look forward to, and the cadence at which you will be providing the content. Include the Secure the Family trailer in your email to garner excitement. Wrap-up the week by distributing the **Secure the Family Infographic** as a helpful way to introduce the topics that will be addressed during the month ahead.

Week 01
Begin the week by assigning the **Top Threats to the Home** module. Invite employees to send in lists of the smart devices they have in their home. Compile the list of devices submitted by employees and use a word cloud generator, such as wordclouds.com, to create a visual depiction of the devices. Mid-week remind employees of the available training by sharing the **Top Threats to the Home** tip sheet. At the end of the week, send employees the word cloud to show how many devices everyone has. Remember to share the link to our YouTube channel (youtube.com/SANSSecurityAwareness) to access a shareable version of this video so staff can share with friends and family.
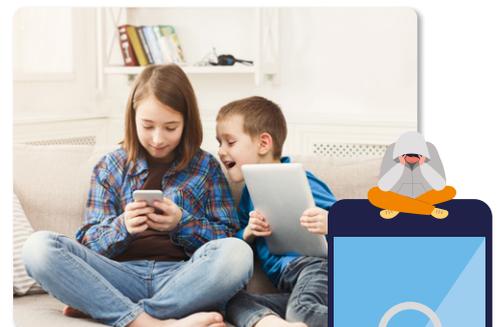
Week 02
Use this week to focus on protecting our kids online. Assign the **Balancing Your Children's Privacy Online** video. Host a virtual family-friendly trivia night and invite folks to team up with their kids to work together and have some fun. Wrap-up the week by providing the **Balancing Your Children's Privacy Online** tip sheet. Remember to share the link to our YouTube channel to access a shareable version of this video so staff can share with friends and family.

Week 03
As a continuation of protecting our kids, assign the **Securing Devices** video. Ask parents to count how many digital devices their children use and have. Remember to share the link to our YouTube channel to access a shareable version of this video so staff can share with friends and family.

Week 04
Assign the **Backing Up Your Digital Information** video. Host a "Backup Day" and encourage employees to spend time backing up their information. Provide the tip sheet and encourage employees to print it out as a reminder to back up their data regularly. Remember to share the link to our YouTube channel to access a shareable version of this video so staff can share with friends and family.
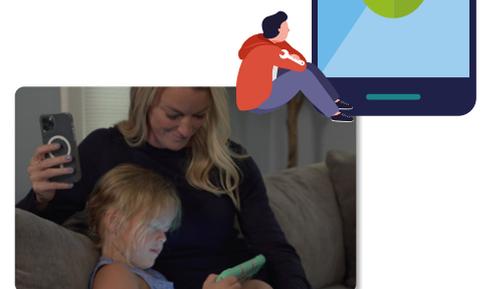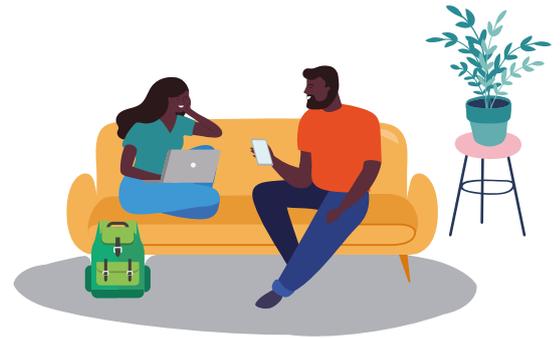
Materials

To ensure you can maximize the impact of your training this month, we provide a variety of materials you can leverage.

#SecureTheFamily Materials
These are materials you can use as part of your #SecureTheFamily deployment.

Training Videos
- Top Threats to the Home
- Securing Devices
- Backing Up Your Digital Information
- Balancing Your Children's Privacy Online

Tip Sheets and Infographics
- Tip sheet: Top Threats for the Home
- Tip sheet: Balancing Your Children's Privacy Online
- Tip sheet: Backing up Your Digital Information
- Tip sheet: Securing Devices
- Infographic: Secure the Family

Contact us to learn about becoming a SANS Security Awareness customer to gain access to additional materials that include:

Videos
- Protecting Your Kids Online

Micro Videos
- Social Engineering – Vishing
- Creating a Cybersecure Home – Internet of Things

Factsheets
- Mobile Devices – Screenlocks
- Social Engineering – Technology Alone Won't Protect You
- Working from Home – Securing Home Wi-Fi

Digital Signage
- Social Networks – Anatomy of a Social Media Attack
- Creating a Cybersecure Home
- Phishing Can Happen to Anyone

Mini Game
- Browsing Safely – Secure Shopping

Contact us today to learn how to access materials like these and how SANS Security Awareness can improve security in your organization.

Learn more about #SecuretheFamily

www.sans.org/SecurityAwareness

SANS SECURITY AWARENESS

#SecureThe Family