



We're transitioning from an Internet of connected individuals to an Internet in which everything and everyone is connected, also known as the

INTERNET of THINGS

AS TECHNOLOGY ADVANCES, more "things" become "smart" or connected:

25 million smart devices now and **50 billion before 2020.**¹

67% of households have between 1 and 5 home devices connected to the Internet. More than 1 in 5 households use mobile devices or apps to remotely access or control devices in the home.²



Navigating the world of IoT starts with **STOP. THINK. CONNECT.** Make sure connected devices have security precautions, think about the consequences of the data being shared and then connect a device to the Internet with more peace of mind.

KEEP CLEAN MACHINES:



UNDERSTAND HOW YOU KEEP IoT DEVICES UP TO DATE, including any software updates that might be needed and passwords or other ways of securing devices.



KEEP YOUR MOBILE PHONE AND APPS UP TO DATE: Many IoT devices are controlled via smartphones or tablets. Keeping your phone and associated apps up to date is an important security step.



PAY ATTENTION THE WI-FI ROUTER IN YOUR HOME – it is the main way home IoT devices connect to the Internet. Use a strong password to protect your router, and name the device in a way that won't let people know it's your house. Keep router software up to date by checking with the manufacturer or with your Internet service provider (ISP) to see if the software is updated automatically.

OWN YOUR ONLINE PRESENCE:



UNDERSTAND WHAT'S BEING COLLECTED: The functionality of most IoT devices requires collecting data. Take the time to understand what information your connected devices collect and how that information is managed and used.



WHERE DOES YOUR DATA GO: Many IoT devices will send information to be stored in the cloud. Understand where your data will reside and the security protecting your personal information.



DO YOUR RESEARCH: Before adopting a new smart device, research it to make sure others have had positive experiences with the device from a security and privacy perspective.

For more ways to stay safe online, follow the conversation this **NATIONAL CYBER SECURITY AWARENESS MONTH (NCSAM).**

EVERYONE CAN PARTICIPATE IN THE GREATER EFFORT



Use the #CyberAware hashtag in all your social media posts to join the conversation.

Register yourself and/or your organization as a Champion to support NCSAM.

Join the discussion every Thursday at 3 p.m. EDT/noon PDT throughout October using the hashtag #ChatSTC.

GET STARTED TODAY ►

STAYSAFEONLINE.ORG/NCSAM



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Learn more online at www.staysafeonline.org/NCSAM

National Cyber Security Awareness Month is observed every October and led by the National Cyber Security Alliance and the U.S. Department of Homeland Security.

¹(Source: 2015 Cisco/DHL Trend Report)
²(Source: 2015 NCSA/ESET Survey – Behind Our Digital Doors: Cybersecurity & The Connected Home)