INTERNET OF EVERYTHING

IOT SECURITY IN A CONNECTED WORLD

IoT stands for Internet of Things. Consumer IoT refers to the billions of personal devices, such as home appliances, smartphones, wearable technologies, toys, etc. that are connected to the Internet, collecting and sharing data.

CARS **HEALTHCARE** **APPLIANCES** **WEARABLES** **LIGHTING** **HOME SECURITY**

ALL CONTAIN SENSING DEVICES

which allow consumers to control remotely. In addition, these devices collect data and communicate with each other, providing many benefits for daily activities, such as:

+ CARS
— Directs you to an open parking spot
— Emails maintenance alerts
— Offers alternate route in bad traffic

+ HEALTHCARE
— Transfers basic information to your physician and may cut down number of office visits
— Sends alerts if an emergency occurs

+ APPLIANCES
— Allows you to turn on/turn off your appliances remotely, like preheating your oven when you're on the way home from work

+ WEARABLES
— Tracks eating, sleeping and exercise habits to help you lead a healthy lifestyle

+ LIGHTING
— Tracks your daily patterns with utilities, adjusting accordingly

+ HOME SECURITY
— Locks and unlocks doors remotely
— Added layer of protection with video cameras
— Alarms provide emergency notification of intrusion or fire

SMART DEVICES NEED SMART SECURITY

Without a doubt the Internet of Things makes our lives easier and has many invaluable benefits; but we can only reap these benefits if we practice good cyber hygiene. **Here are 3 simple steps you can take to improve security as you connect more and more devices to your home or business networks:**

KEEP A CLEAN MACHINE.

When the manufacturer issues a software update, patch it immediately. Updates include important changes that improve the performance and security of your devices.

LOCK DOWN YOUR LOGIN.

Many IoT devices come with default passwords. Create long and unique passphrases for all accounts and use multi-factor authentication (MFA) wherever possible. MFA will fortify your online accounts by enabling the strongest authentication tools available, such as biometrics or a unique one-time code sent to your phone or mobile device.

TAKE CONTROL OF PRIVACY

The moment you turn on a new "smart" device, configure its privacy and security settings. Most devices default to the least secure settings--so take a moment to configure those settings to your comfort level.

NATIONAL CYBERSECURITY ALLIANCE

Learn more at: www.staysafeonline.org

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