Smart devices promise to make our lives easier. And in many cases - they do. But these new technologies present risks too. Whether you're using a digital assistant to record your shopping list or you're controlling your lights through a smart system, many smart functions can be 'hacked' and controlled by someone outside your home. This guide will help you identify some of the ways you can stay alert and protect yourself.



but it does expose you to numerous risks. Attackers could use the



WHAT IS THE INTERNET OF THINGS?

CHECK ENCRYPTION SETTINGS



SECURE YOUR DEVICES

If you do use apps on your smartphone to control devices in your home, make sure your smartphone is secure. At the very least makes sure the pin function is enabled, as well as any biometric authentication you have. Where possible it's also a good idea to dewnload some anti-virus software for your smartphone.

RENAME THE 'GATEWAY' TO YOUR





14 Top Tips To (et Smart About The

In Your Home



National Online Safety®





USE A SEPARATE NETWORK FOR GUESTS

If your router has a feature that allows you to set up a separate network for guests, you should use it. That way, when guests use your Wi-Fi they won't have access to your dev

TRUST YOUR INSTINCTS

UPDATE SOFTWARE



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Though it's a fun idea, you probabl don't need to control your kettle fr outside the house. In fact there are on smart derices. Where possible, you should look to disable these. Doing so reduces the ability for people to hack your devices. And, when someone sees you've actively taken steps to increase security, they're less inclined to try to compromise them.



BUILD A WALL

You could also purchase a dedicated 'firewall' device. This is something that pli into your network and stops cyber threats reaching your router. Some routers do have a firewall element included, but they are no replacement for the real thing. A firewall device thoroughly analyses information coming into and out of your network and helps stop mallicious attacks. A security device is strongly recommended to anyone who works from home or deals with sensitive information.



SECURE YOUR SMARTPHONE

If you do use apps on your smartphone to control devices in your home, make sure your smartphone is secure. At the very least makes sure the pin function is enabled, as well as any biometric authentication you have. Where possible, It's also a good idea to download some anti-virus software for your smartphone too.



Meet our expert

Emma Davis was a secondary school
Computer Science teacher for more than
decade. Since leaving education, she has
been working in a cyber security firm
delivering cyber awareness training to
businesses and carrying out network
testing. She is a mother of a five-year-old,
he's had wast expressive of controlling she's had vast experience of controlling and managing how children access online services and use apps.





REGULARLY AUDIT YOUR DEVICES AND CONSOLES