

# MAN-IN-THE-MIDDLE ATTACK

James, a local homeowner, enjoys the 'café culture' in his village and likes **to visit the busy local coffee shop regularly.**



It's Saturday morning and James **walks to his local coffee shop to use the free Wi-Fi** to complete a few tasks he couldn't quite get to during his busy week.



## Coffee & work



James buys a coffee and sits down and **gets his laptop out.**



Mark the hacker has created a **fake Wi-Fi network** with a very legitimate sounding name...



♥ ♥ Everyone loves FREE Wi-Fi ♥ ♥

**James logs on** to the fake Wi-Fi network.



**Mark can now see everything** that James does online.



Man-in-the-middle

Mark can now monitor James's online activity as he's placed himself in the middle of the connection so is **able to intercept login details, bank card information and more.**

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**James's identify and credentials have been stolen** and he's lost money and will face certain distress and inconvenience.

Identity stolen

## HOW TO MANAGE THE RISK



**Use your mobile device's data** instead of public Wi-Fi, purchase a bigger data plan if needed – **a mobile cellular signal is secure** as there is no wireless network in between you and the internet.



If you need to log onto public Wi-Fi, then consider purchasing a VPN. They are approximately £80 per annum.

(Virtual Private Network - an arrangement whereby a secure, apparently private network is achieved using encryption over a public network, typically the internet.)

Top 5 VPNs  
(according to techradar.com)

ExpressVPN

NordVPN

IPVanish

Hotspot Shield

Surfshark.