



## James Lyne

**Renowned cyber security expert, Global head of security research at Sophos, certified instructor at SANS, founder and director of Helical Levity**

James Lyne is a cybersecurity expert, Global Head of Security Research at Sophos and Certified Instructor at SANS Institute. He is also the founder and director of Helical Levity and a leading cybersecurity and cybercrime speaker. As a speaker, he is energetic, passionate and charmingly nerdy.

## James's biography

### James Lyne's Background

James Lyne is a renowned [cyber security](#) expert, the Global Head of Security Research at Sophos, a Certified Instructor at the SANS institute and a leading cyber security and cyber crime keynote speaker. He is also the founder of Helical Levity a high-end security research company that develops cyber industry education tools.

As a speaker, James is energetic, charmingly nerdy, engaging and is passionate about making cyber security accessible and interesting to everyone. He is committed to educating his audiences on the latest security threats and best practice and uses live demonstrations to reveal how cyber criminals operate in the real world.

James has presented numerous [TED talks](#) and has appeared on National TV programmes including CNN, NBC, BBC News and Bill Maher.

## James's talks

- **Cyber Security Basics - Preventing your business from being breached**

Are your devices, your employees and your intellectual property open to attack? If you're liberally connecting to hotspots offering free internet and not taking additional steps to secure yourself, then the odds are you are vulnerable to hackers and it's your own fault.

Our general behaviour with mobile devices is to connect first and worry about it later but it is exactly this careless behaviour that is making life easy for hackers and lining their pockets. The Cyber Security Basics keynote will open your eyes to how much information we are really giving away and what we can do to make sure we are protected all the time.

- **Reverse engineering ransomware**

With our lives becoming increasingly intertwined with the internet, it is not a question of if but when you may become victim to a cyber crime. Hackers have become experts at finding weak spots in your security and ransomware is quickly becoming one of the most common ways to be targeted.

In this program, learn how ransomware is becoming a massive problem for business, small and large, and the common ways of becoming infected with malicious code. Bringing these issues to life with real ransomware demos, James will chat you through exactly how these hackers find ways to make you trust them and hand over your hard earned cash.

- **Hacking with words and smiles**

If someone put an invoice on your desk with 'pay me' written in big red letters across the front, do you think you would consider who it was from before you opened your wallet? What if someone came up to you in the street and said there was someone stuck in space and they needed you to send them some money to get back? You would laugh and turn a blind eye to it. So why don't we apply our security knowledge of the real world to our digital personas?

In this keynote, James gives you the opportunity to see these issues for yourself with live cyber security demos and explains why everyone is a target to modern day hackers. High quality social engineering is being used to access more of your information than you would think so maybe it's time to move away from the laughable stereotypes and open our eyes to the fact that cyber crime has become more convincing than ever before.

- **Cyber security and the Internet of Things**

Think it's just governments, large enterprises and high net worth individuals that are vulnerable to a cyber crime? Think again. In today's wired and wireless world, simply owning a refrigerator, baby monitor or CCTV camera makes you a target for hackers. With the internet of things market exploding and nearly all home gadgets being connected wirelessly, the door for hackers has become a lot easier to unlock. In this keynote, along with live IoT hacking demos, James will discuss how your wireless TV is enough of a reason for a cyber attack to be launched on you and what you need to do to make sure you are safe and secure.