Institution of MECHANICAL ENGINEERS

South Wales

How secure are our manufacturing systems?

Cyber Security for Engineers

21st February 2023

The Village Hotel, 29 Pendwyallt Rd,Whitchurch, Cardiff CF14 7EF

Lecture Start: 6.30pm
Refreshments buffet from 6.00pm

Speakers: Kirsty Perret, Lead Cyber Engineer & Dene Yandle, Systems Engineering Manager, Thales UK Ltd

In recent years Cyber Attacks have emerged as one of the biggest threats to governments, businesses and our critical national infrastructure.

Cyber crime is worth $6 trillion globally and this figure is growing quickly. Already if cyber crime were a country it would be the third largest economy after China and the US. In the UK 42% of manufacturers have been the victims of cyber attacks paying out an average of £250,000 per attack And it's not just big businesses that are a target – SMEs are increasingly being targeted – their inability to recover from a cyber attack means that up to 60% shut down within 6 months of a successful cyber attack.

There has never been a more important time to understand our cyber security risk, particularly in Industrial Controls Systems which are proving a fertile hunting ground for hackers looking to exploit vulnerabilities, using a real life example our team will show you how a Facility in Florida was the target of a cyber attack.

For more information, please see our website for details:

http://nearyou.imeche.org/near-you/UK/South-Wales/events