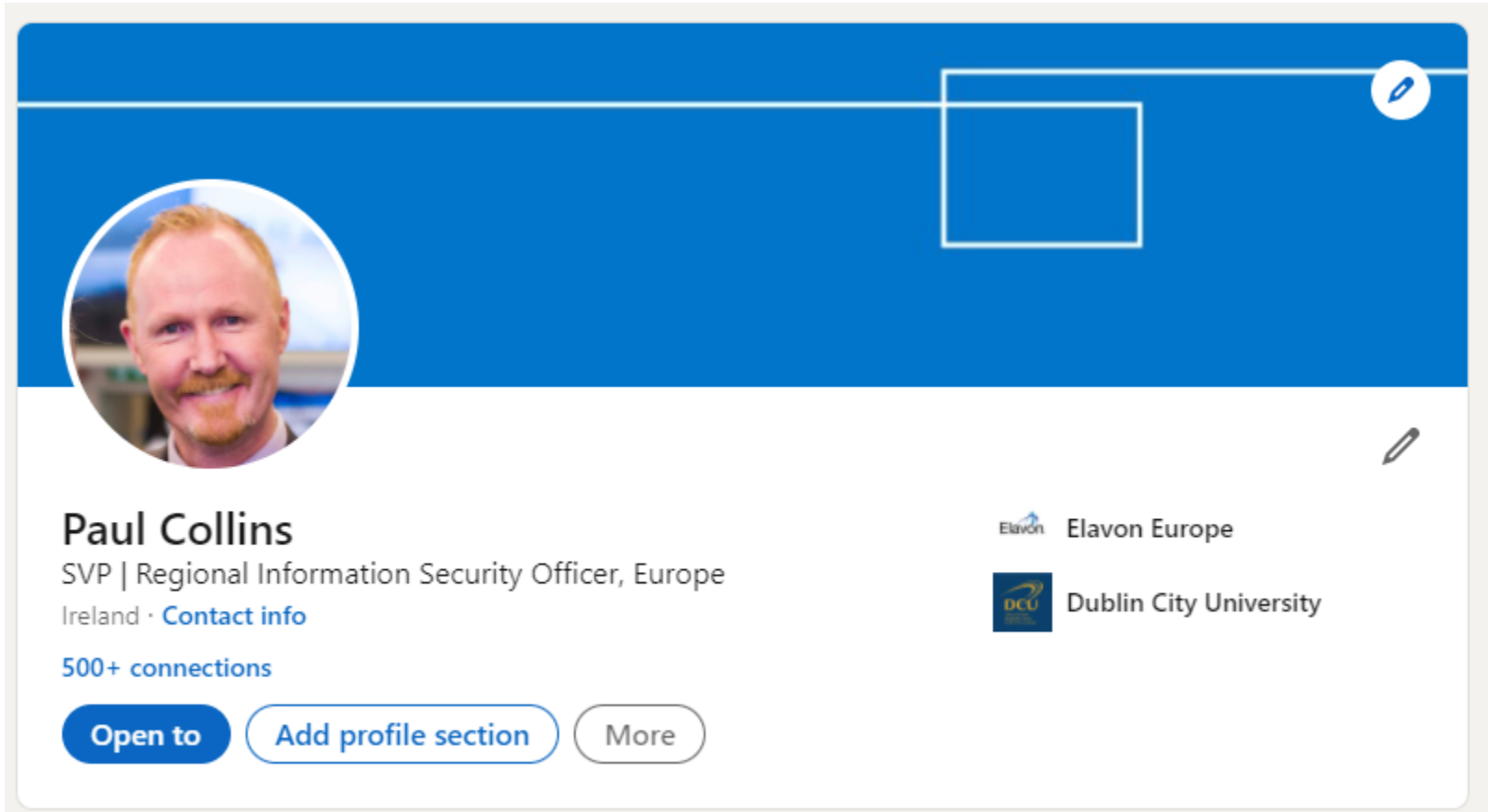




# Introduction



A LinkedIn profile card for Paul Collins. The header is a solid blue bar with a white pencil icon in the top right corner. Below the header is a circular profile picture of Paul Collins, a man with a beard and mustache. To the right of the profile picture is a white rectangular box. Below the profile picture, the name "Paul Collins" is displayed in bold, followed by his title "SVP | Regional Information Security Officer, Europe" and location "Ireland · [Contact info](#)". Below this, it says "500+ connections". At the bottom of the profile section are three buttons: "Open to", "Add profile section", and "More". To the right of the profile information, there are two affiliation logos: "Elavon Europe" and "Dublin City University". A pencil icon is located to the right of the affiliation logos.

**Paul Collins**  
SVP | Regional Information Security Officer, Europe  
Ireland · [Contact info](#)  
500+ connections

[Open to](#) [Add profile section](#) [More](#)

 Elavon Europe  
 Dublin City University

✉ [Paul.Collins@Elavon.com](mailto:Paul.Collins@Elavon.com)

# Working from home – ‘new’ attack perimeter

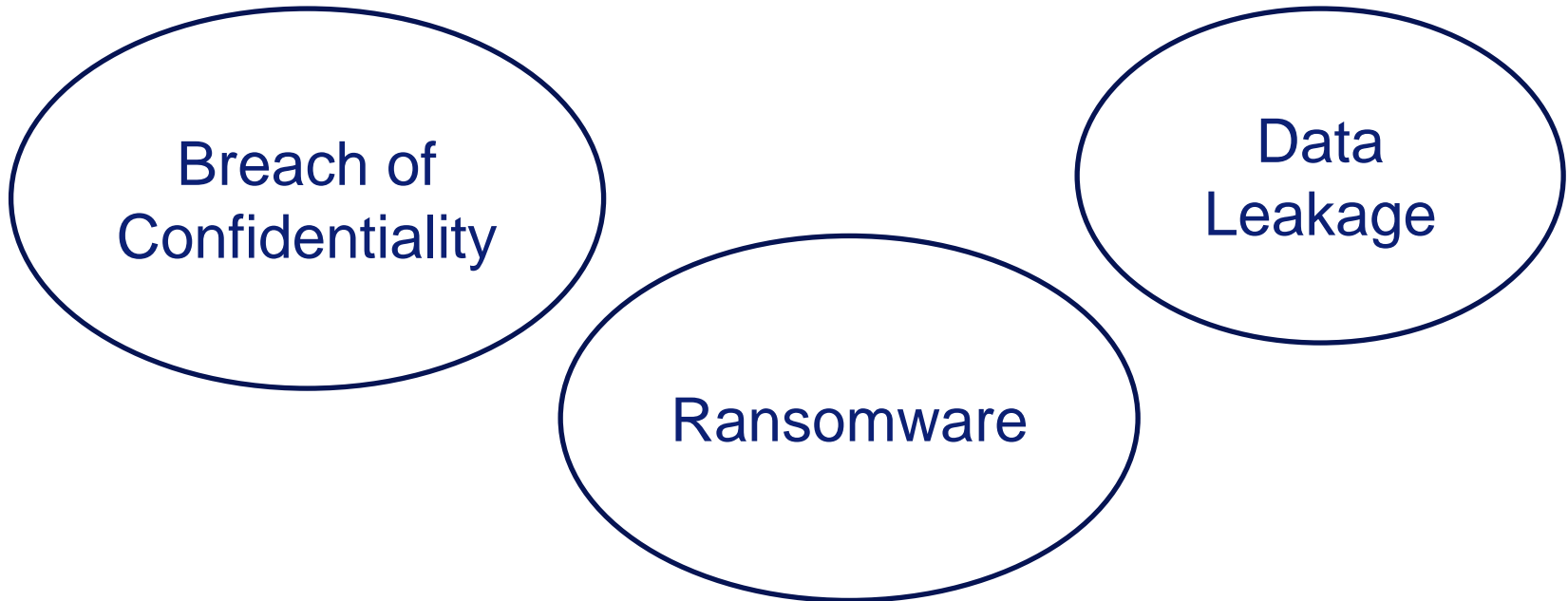


From this..



To this..

# What are the risks?

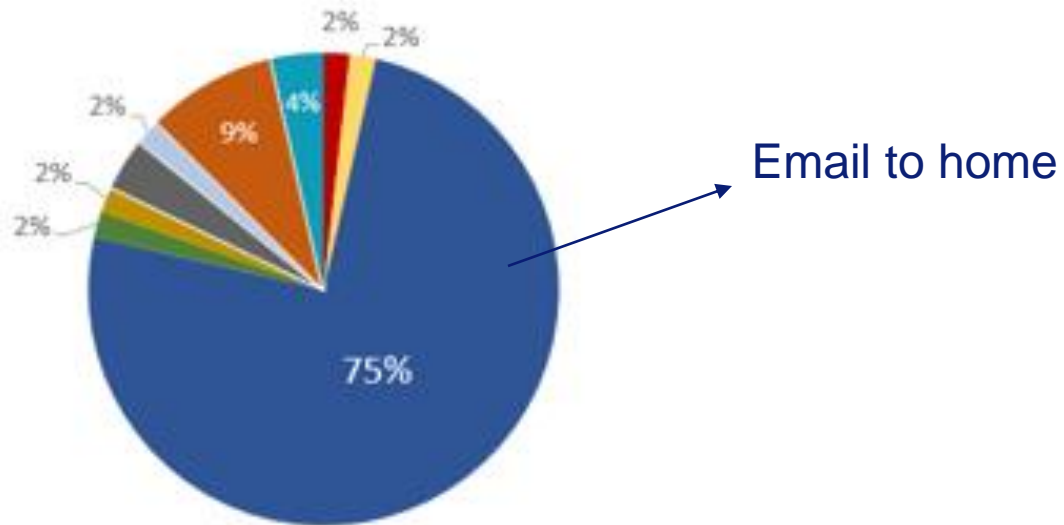


Incident detection and response is much more difficult for remote users

# What's the issue?

- People doing the wrong things for the right reasons

**Identified Threat Activities from Insider Threat Cases**



# Minimum standard controls for remote working



- Disk encryption
- Malware protection
- Virtual Private Network with Multi-Factor Authentication
- Controls on peripheral devices, e.g. printers

# Controls which don't work..

- Don't block sending to 'personal' email domains
  - Many customers and partners have moved to Gmail or other mail hosts
- Don't take too strict an approach in blocking web access
  - 'Non business' websites have valid business applications
- Overly restrictive Data Leakage Prevention controls mean you'll spend a lot of time reviewing exceptions and white-listing

# Controls and techniques that do work

- Implement labelling on all documents (Public, Internal, Confidential, Personal)
- Build these labels into your Data Leakage Prevention (DLP) controls
- DLP doesn't need to be sophisticated to be effective – you can apply detection and filtering on your email gateway
- Learn from breaches, but ensure your response is proportionate
  - Breaches are more useful as a training tool than a disciplinary exercise

# Working from home is here to stay

Employers could face Labour Court for refusing remote working requests



On the first day of a return to the workplace after most of the Covid restrictions have been lifted, the lights in the offices of One Albert Quay are illuminated as workers begin to return to work in Cork City. Picture: David Creedon



**Questions / comments?**

