

# Agenda

- ✓ Quick intro
- ✓ A typical Forensic Process
- ✓ Forensic and Incident Management
- ✓ Forensic in the EU
- ✓ Cyber-Forensic: Looking ahead.
- ✓ Wrapping up
- ✓Q&A



### If you could invest your time, energy for....

- A) Building a device that will travel <u>faster</u> than light.
  - B) Selling a car that can travel only to the future
    - C) Mastering digital forensic methods and tools

# What would you chose?.



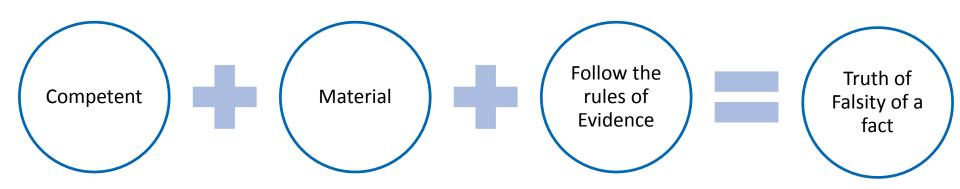
# Basic Principle

"Any action of an individual, and obviously the violent action constituting a crime, cannot occur without leaving a trace."





# Key elements in forensic evidence



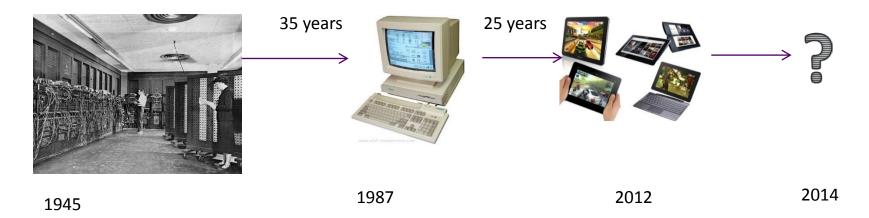
#### Type of Evidence

- Direct Evidence
- Real
- Documentary
- Demonstrative (second hand evidence)

Protect the chain of custody



#### IT Race



#### Key Changes:

- ✓ Focus on business, information and risk. (rather than technology only)
- ✓ Blending personal life with work life.
- ✓ IT does not own/control all the infrastructure.
- ✓ Not clear difference between external and internal infrastructure.
- ✓ Millions of malware being created, attacks expands in minutes.
- ✓ All the time on-line and everything connected.



### Example: Challenge in data Analysis

.... I don't know what is happening, but whatever the position of my government is, I support it fully.

Whatever the position of my government, I believe in it, yes sir. I am a member of that government,...

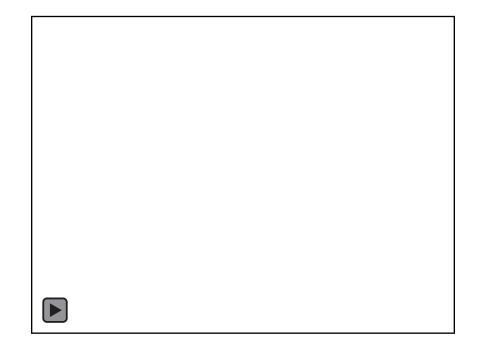




# Example: How would you react to this situation?

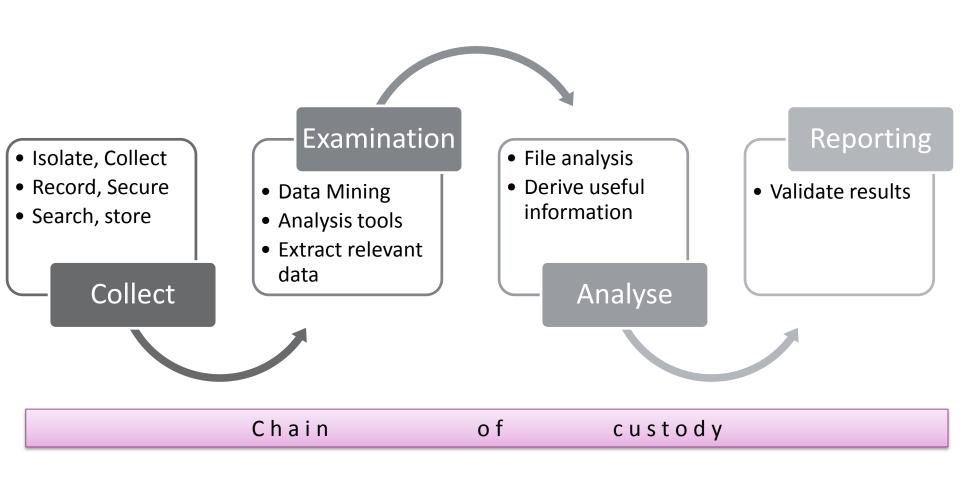
.... No way!!!!...

I am getting hacked...



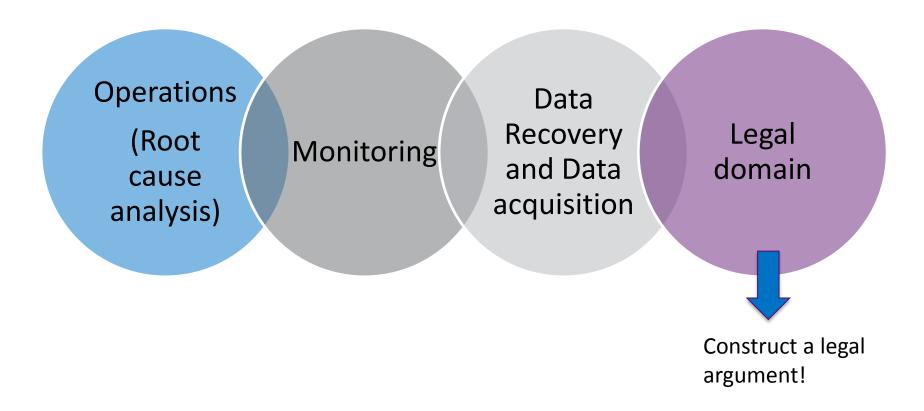


# The right process...



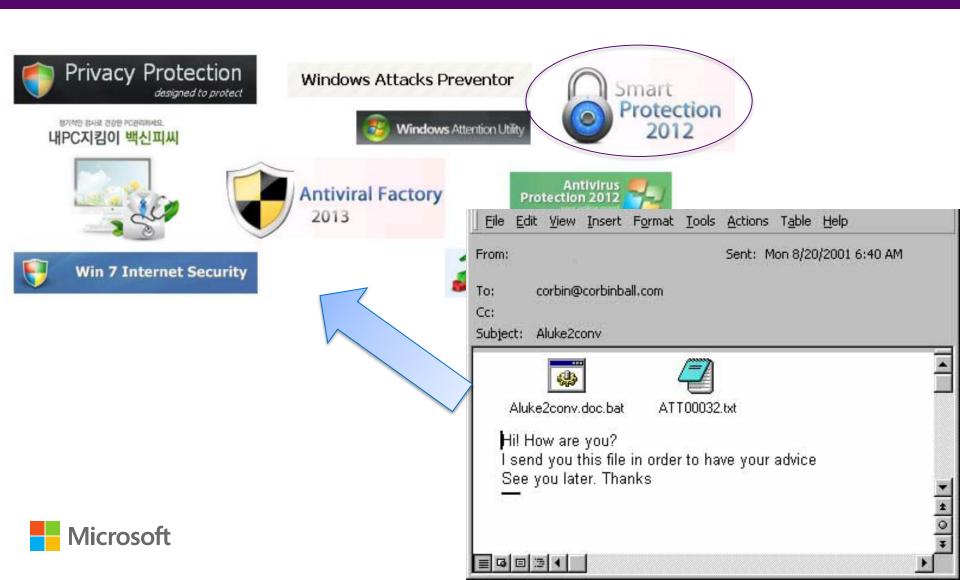


# Other applications...

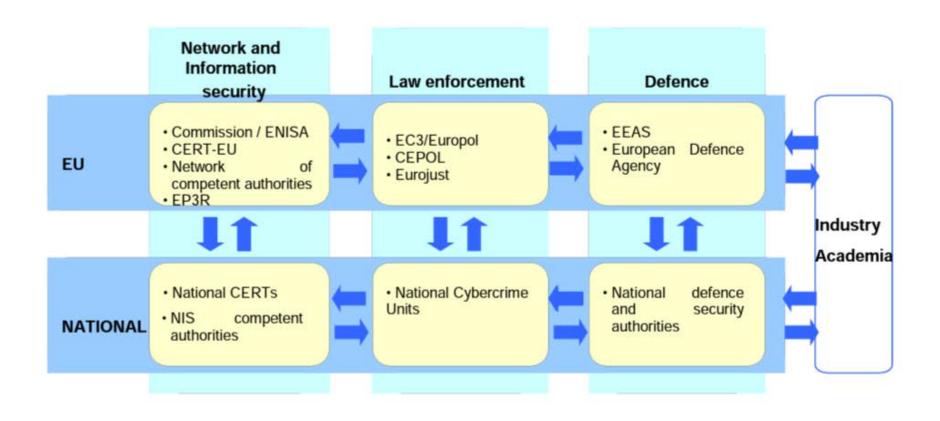




#### What's the difference?



#### **EU Model**

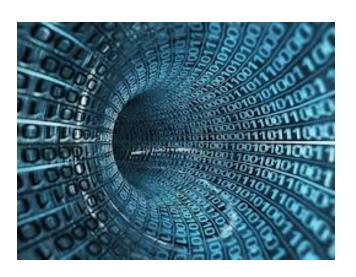




# Cyber-Forensic: Is it possible?









# Key points to remember..

- ✓ Digital evidence is (real, direct, documentary, etc...) evidence
- ✓ Chain of custody is....
- ✓ The success of cyber-forensic depends on ....
- ✓ CERT is responsible for....
- ✓ A forensic process includes the phases...

