

Impact of ICTs on the criminality

New clues and new evidence

New modi operandi

New crimes

How to manage?

New clues and new evidence

Domains of police investigations

physical world

ideas world (natural language)

digital world (electronic evidence)

Storage devices

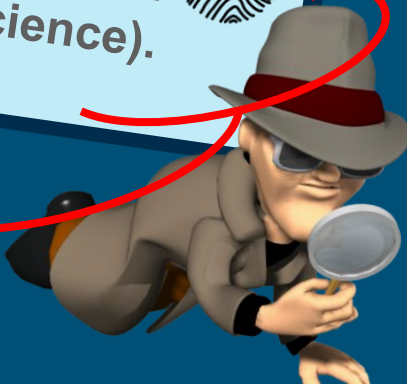
Cyberspace

Domains of police investigations

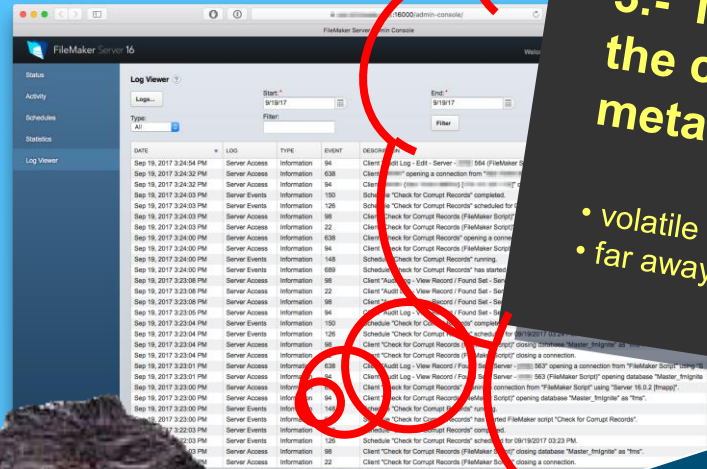
- Permanent files
- Devices usually found in the crime scene



1.- Investigation in the physical world (forensic science).



NEW CLUES
AND EVIDENCE



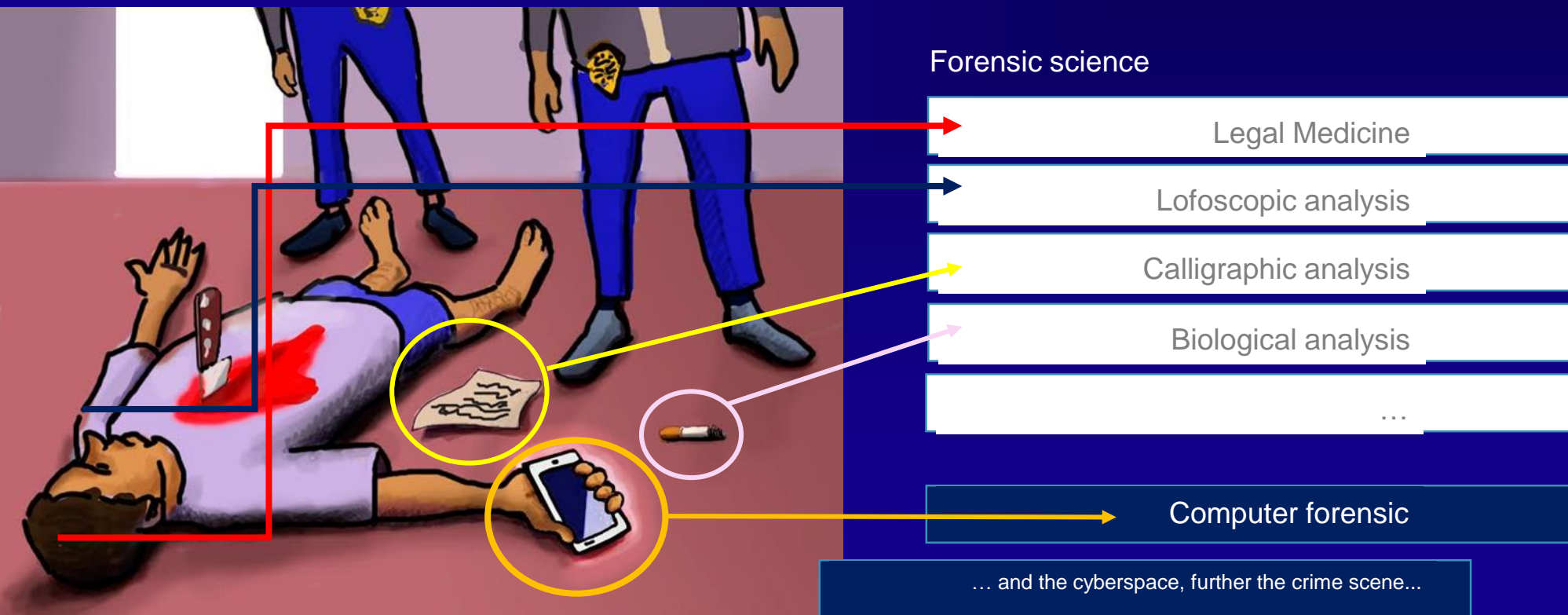
3.- Investigation in the cyberspace (logs, metadata...).

- volatile data.
- far away.

2.- Investigation in the ideas world (language): statements, tips, public registries.



Domains of police investigations



This affects the whole criminality

New clues and new evidence

New modi operandi

new modi operandi (cyber enabled crimes):

Typically, on line sexual abuse
and electronic fraud; but also
hate crimes and intellectual
property



This affects the whole criminality

New clues and new evidence

New modi operandi

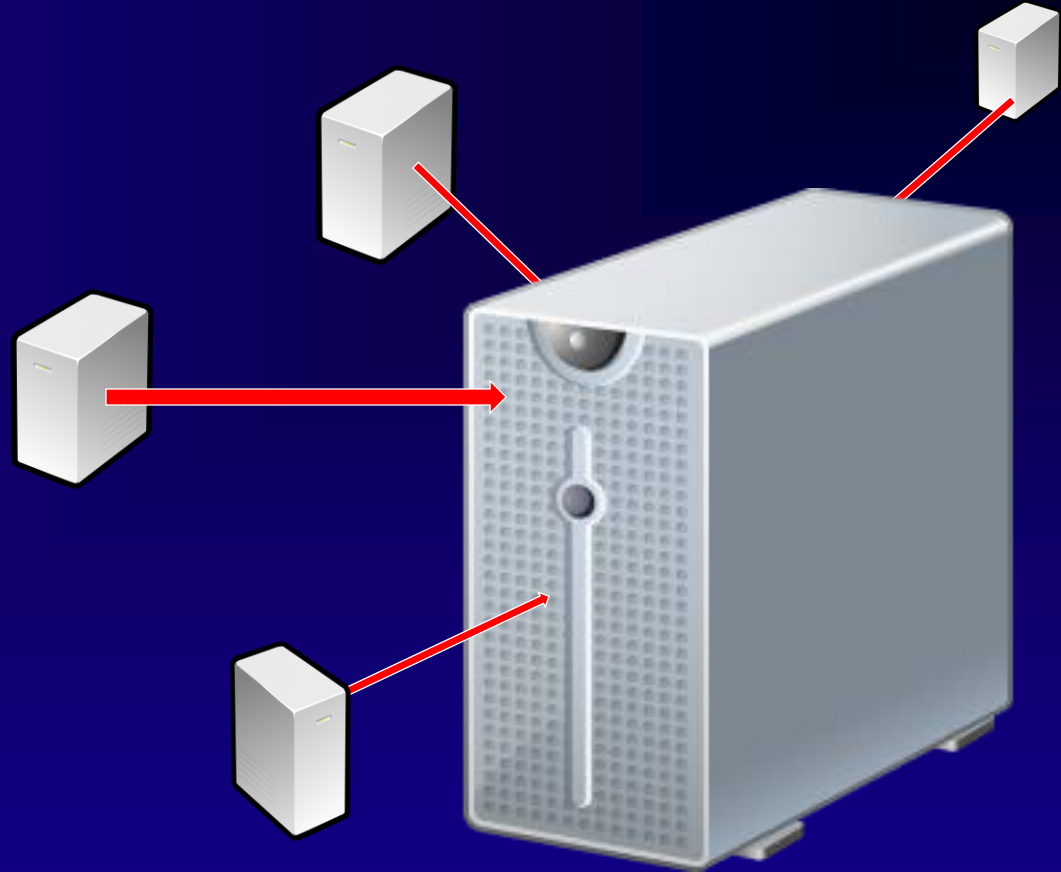
New offences

This affects the the cyber-criminality

new offences (cyber based crimes):

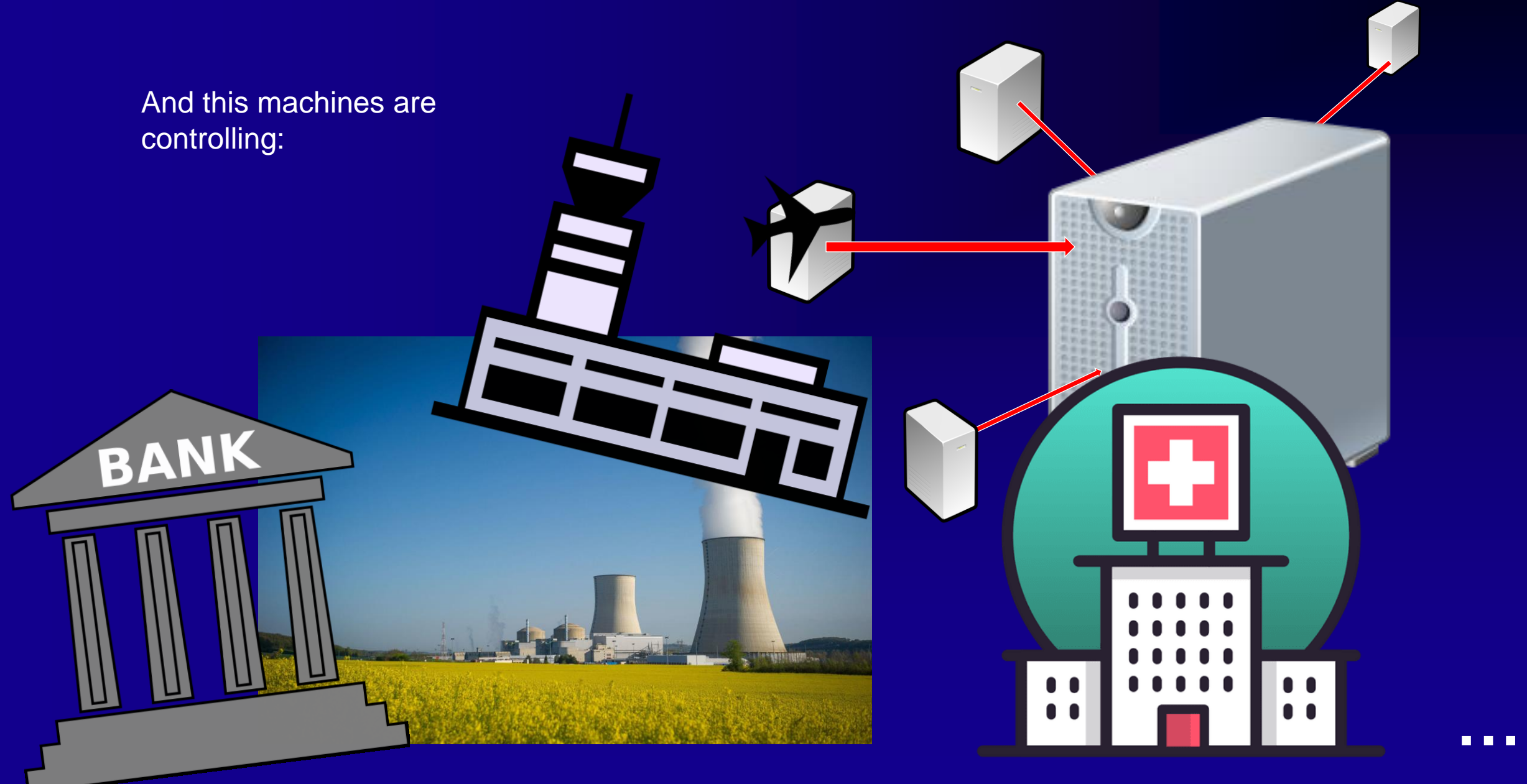
Machines attacked
from other
machines or
networks.

Against its
performance or its
information



new offences (cyber based crimes):

And this machines are
controlling:



This affects the whole criminality

New clues and new evidence

New modi operandi

New offences



This affects the **cyber-in-security**

This affects the cyber-criminality

The policies and strategies have to guarantee, at least:

Regarding the new clues and new evidence

It affects the whole criminality

To be able to locate, preserve, collect, and keep them in a adequate manner for the trial.

- International cooperation
- Training for police officers
- Training for Judges and Prosecutors
- Adequate procedural legislation.

Regarding the new modi operandi

It affects the cyber enabled criminality

To be able to understand, prevent, combat and arrest the criminals.

- Intelligence sharing
- Specific training for police investigators
- Training for judges and prosecutors
- Public awareness
- Adequate criminal legislation

New crimes

It affects the cyber based criminality

To be able to understand, prevent, combat and arrest the criminals.