COFFEE AND COLLABORATION:
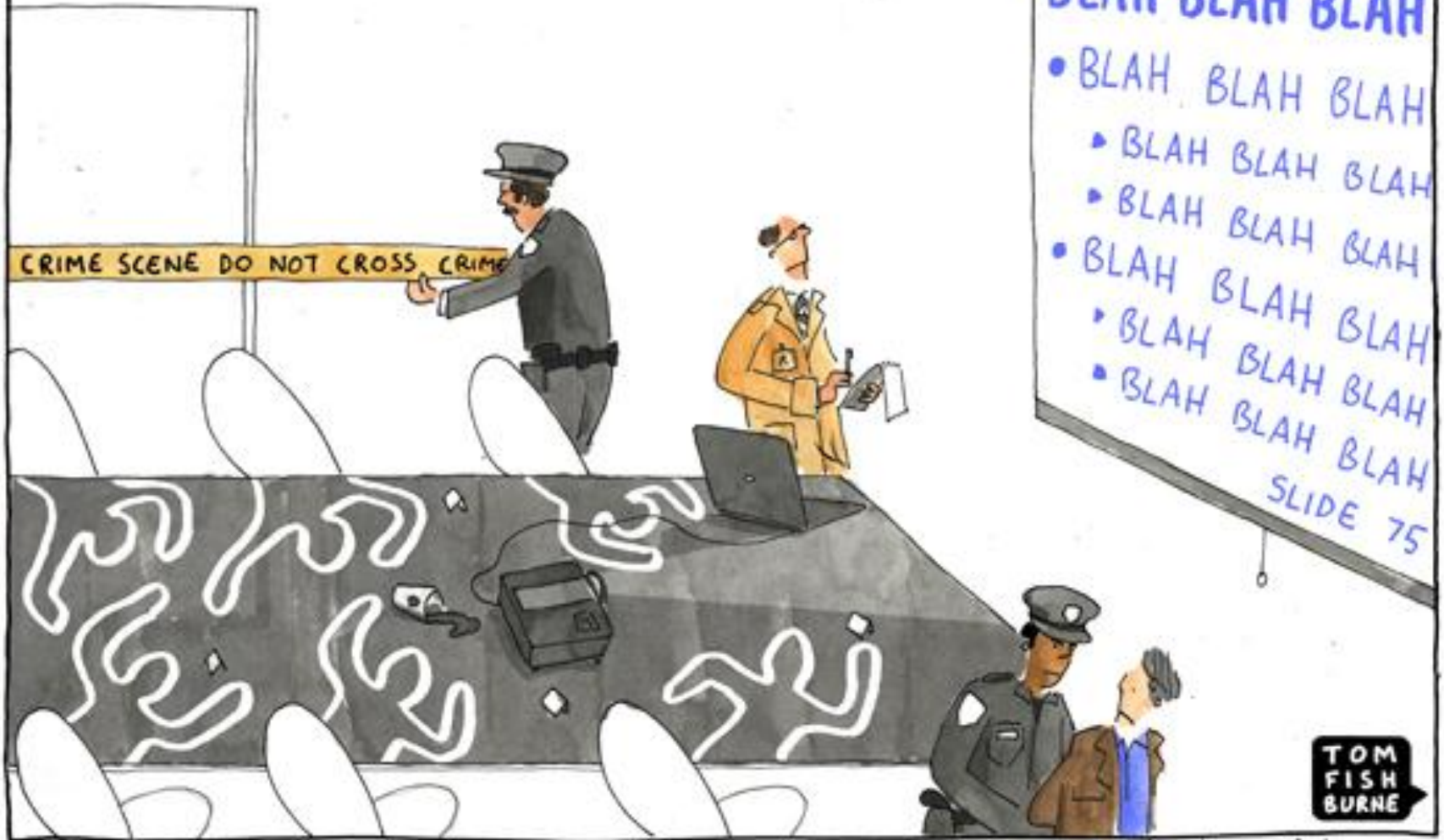
CYBER SECURITY OF FUTURE EU INTEROPERABLE PPDR ~~NETWORKS~~ APPS AND SERVICES

CAN WE IDENTIFY THE KEY RISKS?

PSCE Conference,
3-5 May, Munich

Public Safety Communication Europe (PSCE) Forum

TWO WAY COMMUNICATIONS

NOT
SIMPLEX
or HALF DUPLEX

DUPLEX – PLEASE PREEMPT

Why are we worried about this ?

- Greater Connectivity

- Greater floods of information

- New ~~BroadBand~~ systems may share resources with commercial networks, and the internet

- PS Operational Information may be more sensitive than consumer information

- Critical infrastructure needs protection
  - current Telcom/NIS policy doesn't define mobile networks as critical infrastructure by default in every country

- Please help us to define more cases to help influence policy on this

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Why are we worried about this ?

- Confidentiality

- Integrity

- Availability

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Risk?

- Asset Characterisation

- Threat

- Vulnerability

- Consequence

Separate page per question

- 6 questions

- What assets need protecting ?

- Why may these assets be vulnerable ?

- What threatens these assets ?

- What are the consequences when these assets are compromised ?

- What can we do to mitigate these threats/vulnerabilites ?

- What's the worst that can happen ?

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What assets need protecting ?

- 10 minutes

- Operational Information

- Applications

- Mobile Devices

- Infrastructure components

- Protocols

- Spectrum

- Supply Chain

Asset Characterisation
Threat
Vulnerability
Consequence

Confidentiality
Integrity
Availability

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Which assets are most important?

- 5 minutes

- Which

- Very important 5 - Not much 1

Asset Characterisation
Threat
Vulnerability
Consequence

Confidentiality
Integrity
Availability

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Why may these assets be vulnerable ?

- 10 minutes

- Why

- Very Vulnerable 5 - Not much 1

Asset Characterisation
Threat
Vulnerability
Consequence

Confidentiality
Integrity
Availability

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What threatens these assets ?

- 10 minutes

- What

- Perception of threat : High Threat 5 - Not much 1

Asset Characterisation
Threat
Vulnerability
Consequence

Confidentiality
Integrity
Availability

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What are the consequences when these assets are compromised ?

- 5 minutes

Asset Characterisation
Threat
Vulnerability
Consequence

Confidentiality
Integrity
Availability

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What can we do to mitigate these threats/vulnerabilites ?

- 5 minutes

Asset Characterisation
Threat
Vulnerability
Consequence
Mitigation

Confidentiality
Integrity
Availability

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What's the worst that can happen ?

- Report back !!!

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Any More Questions ??

www.psc-europe.eu

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