



ESSENTIAL

*Evolving Security Science
through Networked Technologies,
Information policy And Law*

Finding the Needle in the Haystack **Big Data Collection & Analysis Exercise**

Aitana Radu

University of Malta

Malta, 02/06/2018



Objectives of the exercise

- ◆ Help you get a “flavour” of Big Data
- ◆ Make you walk for a short while in the shoes of an intelligence analyst
- ◆ Improve your planning, data collection, analysis and visualization skills
- ◆ Present some useful tools which can be used in data collection, analysis and visualization
- ◆ Help you work better as a team and discover your strengths...and weaknesses both collectively and individually



Exercise description

- ◆ **Topic:** Use of surveillance systems by law enforcement agencies & security and intelligence services in Europe
- ◆ **Duration:** 3 days
- ◆ **Methodology:**
 - ✓ **Split in** 2 groups of 7 and respectively 8 students
 - ✓ **Choose** a team leader
 - ✓ **Answer the questions from your team assignment** by collecting Open Source information and analysing it;
- ◆ **Expected results:** (1) a 10 page analysis (not necessarily text) and (2) a 20 minutes group presentation



Assumptions

◆ **The resources allocated to fulfilling this tasks are not enough!**

which is why it important to focus your work and try to do the best you can in the limited time you have available and with the instruments that you have to.



Some advice on how to approach this

- ◆ Do not let yourselves be drowned in the ocean of the Internet!
- ◆ Make a plan and divide tasks clearly inside the team!
- ◆ Play to your individual/collective strengths!
- ◆ Make use of the resources provided, but don't over do it!
- ◆ Give equal attention to all stages – presentation is as important as content

