

#### **General information**



# **CYBER-DETECT**In a nutshell:



Laurent Werner CEO



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A LORIA spin-off A breakthrough technology based on 'Morphological Analysis' And now used by military administration



is research unit composed of : the University of Lorraine, INRIA and CNRS







## **Targeted topics**

	Technologies to enhance the fight against crime and terrorism - subtopic 2: Digital forensics in the context of criminal investigations
	Technologies to enhance the fight against crime and terrorism - subtopic 4: Open
	Pre-commercial procurements of innovative solutions to enhance security







### **Competencies**

- Organisation competencies
  - World licence of Morphological analysis\*© solutions
  - Focus on highly protected, highly obfuscated binary codes
  - Detection of unknown or targeted malwares
- Organisation experience in the European project
  - Academic experience (i.e. FP7)
- The skills you can bring
  - Fast and scalable comparison of binary code, similarity measurement
  - Functionality identification, algorithm localisation
  - Generic de-packing framework, payload extraction





#### not mandatory slide

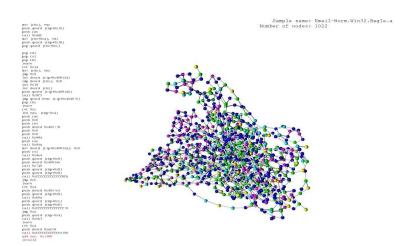


### **Project idea**

- Describe your project idea
  - Investigation support for malwares and compromised devices
  - For the police and judiciary authorities
  - Automatic report based on forensic tools



- = Family extraction
- = Self-protection witnesses
- = Functionality identification
- = Clustering
- = OS function usage,
- = Behavioral description



- List of the complementary skills you need for your consortium
  - Knowledge on European norms, working organisation, security management
  - Interfaces with current tool
  - IOT, mobile phone and networks

