

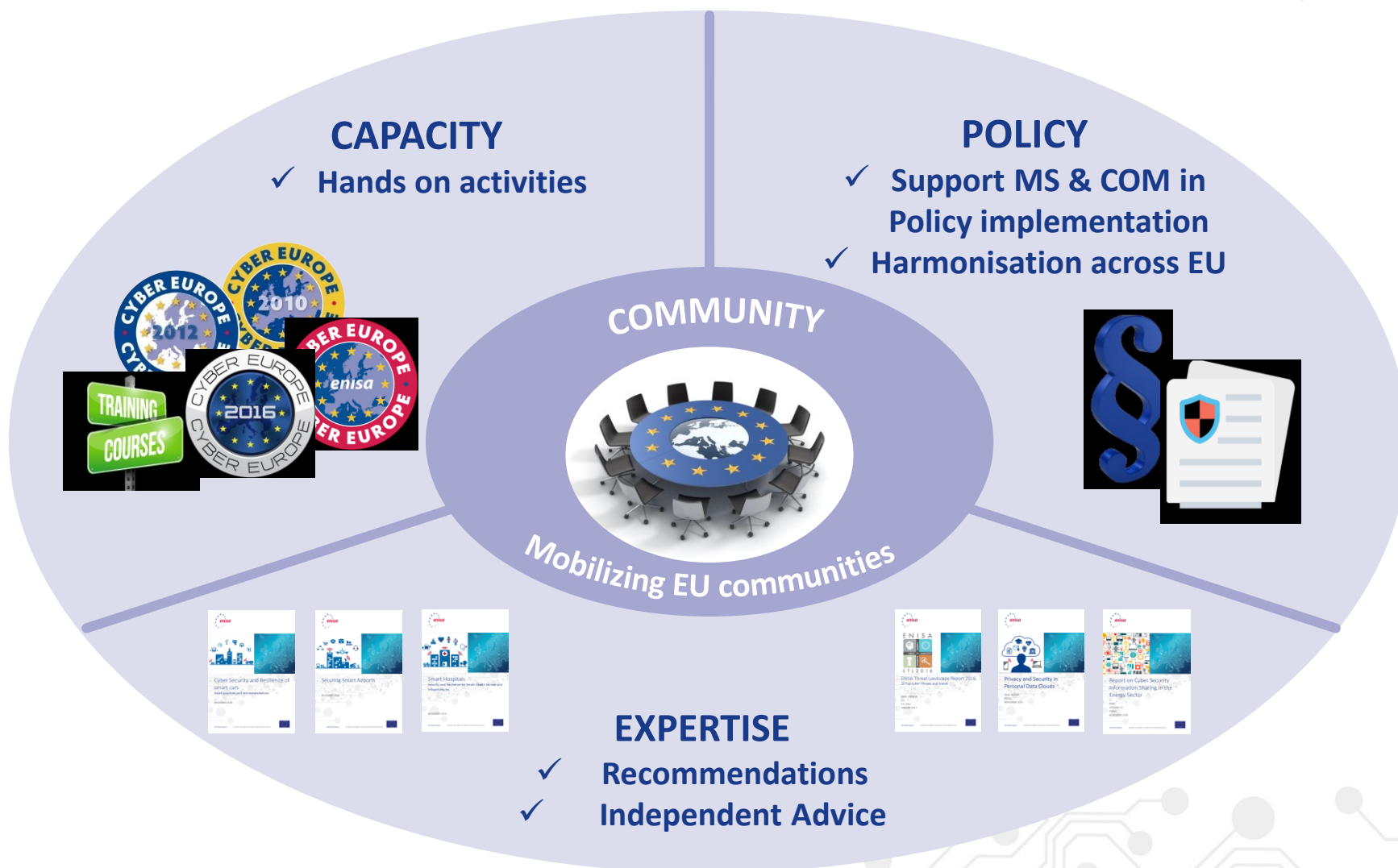


ENISA Threat Landscape and Thematic Threat Landscape

Adrian Belmonte | 9th Conference on Informatics in Education | University Of Piraeus | 13 October 2017



Positioning ENISA activities



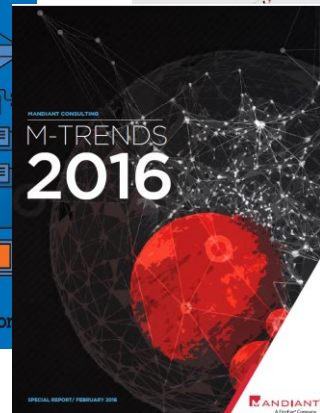
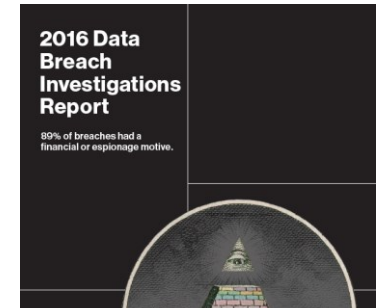
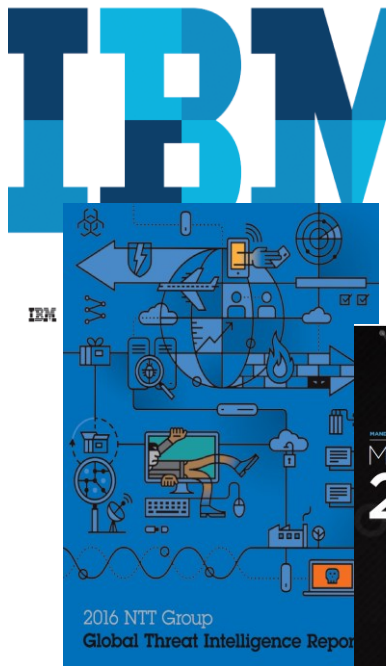
Plethora of reports and information on CTI



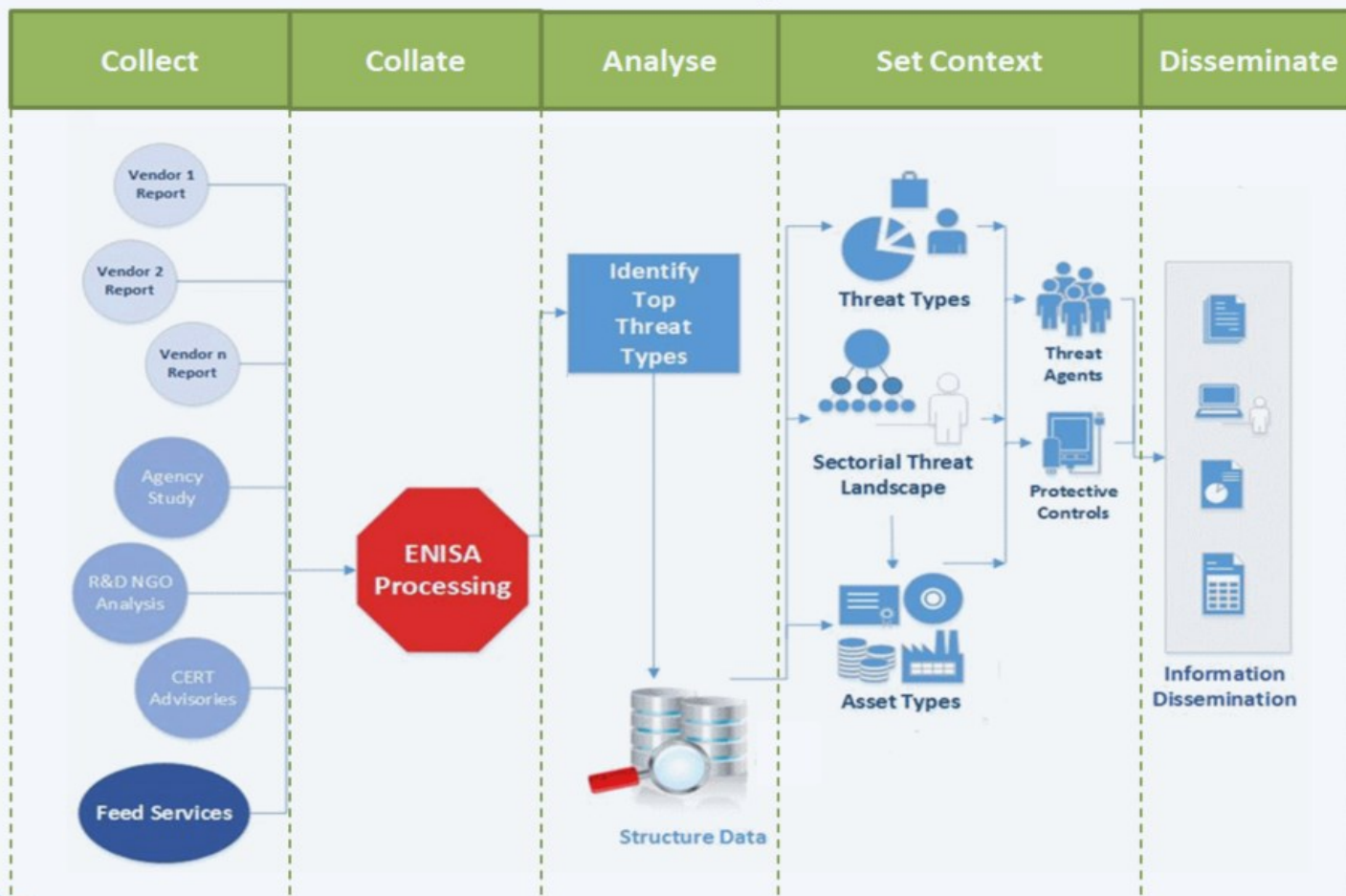
IBM Security

February 2016

IBM X-Force Threat Intelligence Report 2016



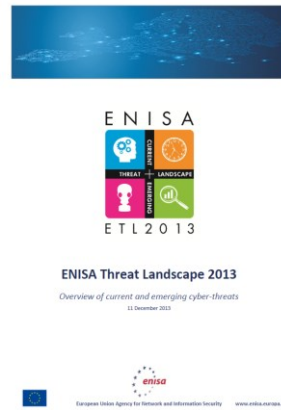
ENISA Threat Analysis Process



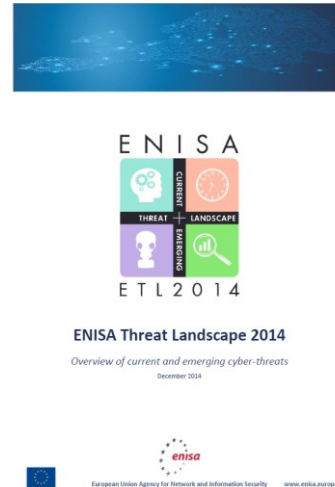
ENISA Threat Landscape



2012



2013

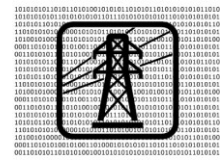


2014



2015

...And the Thematic Threat Landscape



Smart Grid Threat Landscape and Good Practice Guide

9 December 2013



Threat Landscape and Good Practice Guide for Smart Home and Converged Media

1 December 2014



Big Data Threat Landscape and Good Practice Guide

2016

European Union Agency For Network And Information Security



Threat Landscape and Good Practice Guide for Internet Infrastructure

January 2015



Threat Landscape and Good Practice Guide for Software Defined Networks/5G

DECEMBER 2015

www.enisa.europa.eu

European Union Agency For Network And Information Security



ETL Outcomes



Top-Threats-2014#	Assessed-Trends-2013#	Top-Threats-2015#	Assessed-Trends-2014#	Change-in-rankings#
1. Malicious code: Worms/Trojans#	⚠️	1. Malware#	⚠️	➡️
2. Web-based attacks#	⚠️	2. Web-based attacks#	⚠️	➡️
3. Web application-/Injection attacks#	⚠️	3. Web application attacks#	⚠️	➡️
4. Botnets#	🟢	4. Botnets#	🟢	➡️
5. Denial-of-service#	⚠️	5. Denial-of-service#	⚠️	➡️
6. Spam#	🟢	6. Physical damage/theft/loss#	🟡	⬆️
7. Phishing#	⚠️	7. Insider threat (malicious, accidental)#	⚠️	⬆️
8. Exploit-kits#	🟢	8. Phishing#	🟡	⬇️
9. Data breach#	⚠️	9. Spam#	🟢	⬇️
10. Physical damage/theft/loss#	⚠️	10. Exploit-kits#	⚠️	⬇️

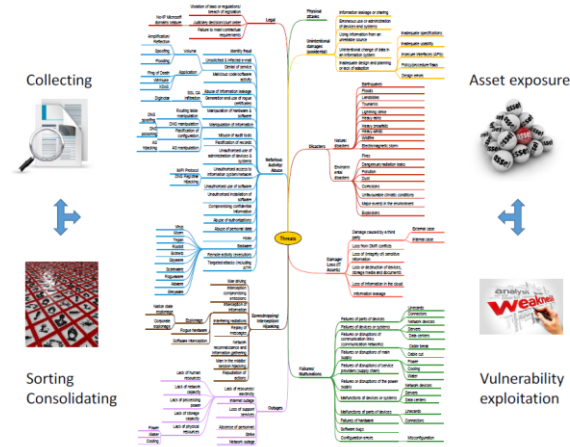
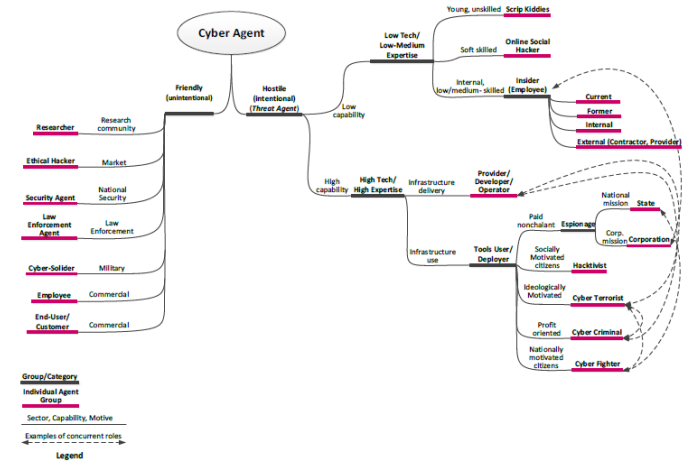
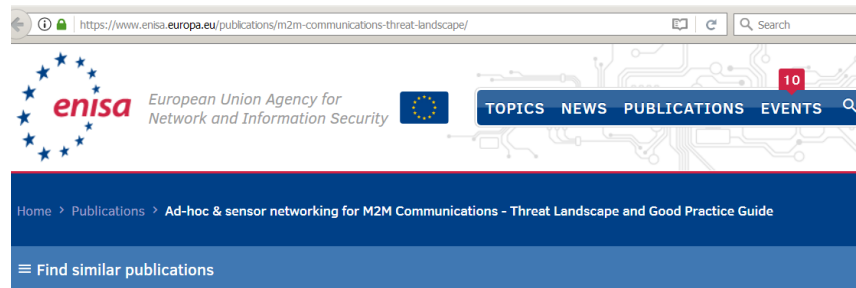


Figure 2: ENISA Threat Taxonomy and its use-cases



Ad-Hoc & Sensor networking for M2M Comm TTL



Ad-hoc & sensor networking for M2M Communications - Threat Landscape and Good Practice Guide

The ad-hoc and sensor networking Threat Landscape and Good Practice Guide complements the Annual Cyber Security ENISA Threat Landscape (ETL). It provides a deep overview of the current state of security in the ad-hoc and sensor networking for M2M communications. It also aims to support decision makers to comprehend the landscape and take informed decisions regarding cyber-security by incorporating consolidated information from the European Network & Information Security (NIS) threat landscape evolution.

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