Mission Report

Object of the mission
Give a one day tutorial on the use of the EMM OSINT Suite tool to cybercrime specialists at Europol.

Place, date, organizations visited and contacted persons
(Please continue on a separate sheet, if necessary)

| Brussels, DG HOME, 12.02.2013 | Europol |

Other Participants
Of the establishment
JRC

Distribution List
Obligatory (*)

* globesec-secretariat@jrc.ec.europa.eu
* GlobeSec Unit, JRC globesec-ipsc@jrc.it

For sensitive mission reports, distribution must only be to persons indicated by (*) and relevant staff members of the GlobeSec Unit.

Main Results of the mission:
(Please attach as many separate sheets as necessary)

Mission Background and Scope
Europol is in the process of creating a cybercrime capacity. For this reason they asked us to provide the EMM OSINT Suite toolkit for use at Europol and to give an introductory course on how to use it. The EMM OSINT Suite is a toolkit based on our research in information extraction which we share with the law enforcement community in Europe.

We visited the Europol head office in The Hague to meet with Europol staff of the new cyber-crime centre to give a one day tutorial about the EMM OSINT Suite.

Covered Topics
The one day tutorial introduces new users to the basic functions of the software as well as demonstrates more advanced use cases, such as how to modify the data used by entity extraction engine to extract information from texts.
Introduction Session
- Installing the EMM OSINT Suite on MS Windows.
- Getting to know the application environment

Searching and Crawling
- Performing a web search
- Crawling a targeted web site
- Downloading search results
- [Advanced] Adding a new search engine (Yandex.ru)

Entity Extraction
- Running the entity extraction
- Analysing the extraction data
- [Advanced] Creating a custom entity type

Reporting
- Using existing reports
- [Advanced] Create a custom report to export data

Based on use-case at Europol we discussed possible improvements:
- Show the frequency of entities co-located to a selected entity in the Entity Browser component.
- Improve reporting by adding data selection dialogs.

Follow-up actions
- Implement improvements as discussed with Europol (JRC)
- Give feedback after further evaluation of the software (Europol)