MAPAP: Measurement and Analysis of P2P activity Against Paedophile content

Large-scale measurements and analysis of peer-to-peer exchanges

A huge amount of paedophile and harmful contents are nowadays distributed on P2P systems. The fact that many harmful contents are given innocent names (fakes) makes the risk of facing such content a key issue, and the growth of the number of (young) users makes the situation even more alarming. However, no solution to this issue has been proposed yet.
The core objective of this project is to change this by providing an accurate content rating and fake detection system usable for user empowerment and filtering in P2P systems.

- It will evaluate the probability for a given file to have paedophile or pornographic content, and/or to be a fake. Its access will be freely provided to end-users and appropriate institutions (law enforcement authorities, hotlines, awareness nodes, child protection institutions, etc).
- In addition, we will construct a dynamic list of paedophile keywords, useful for law enforcement and filtering, and provide it freely to the relevant institutions on a monthly basis.

These two tasks rely on large-scale measurements of P2P activity, which will be performed during this project for these needs.
These data will also make it possible to increase significantly our knowledge of P2P paedophile activity. We will perform detailed analysis on this basis, in order to produce leading reference reports on the topic. Databases concerning paedophile exchanges obtained by our measurements will also be provided to relevant institutions, to encourage further studies. This will improve awareness on P2P safety issues and help decision making in law enforcement and promotion of a safer internet.
The consortium puts together well established, recognised institutions having leading and complementary skills in the fields needed to achieve the objectives: P2P activity measurement, management and analysis of the obtained data with a particular focus on paedophile activity and information dissemination on these topics.

Project ID card

- Funded under: Safer Internet Plus Programme
- Area: 2.2 PILOT PROJECT - Tackling unwanted and harmful content
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- Project reference: SIP-2006-PP-221003
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Links

- MAPAP project site
- MAPAP results

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