DANTE

Detecting and analysing terrorist-related online contents and financing activities

DANTE PROJECT

The DANTE project aims to deliver more effective, efficient, automated data mining and analytics solutions and an integrated system to detect, retrieve, collect and analyse huge amount of heterogeneous and complex multimedia and multi-language terrorist-related contents, from both the Surface and the Deep Web, including Dark nets.

The final goal of the project is to accurately and fastly discover, detect, analyse, and monitor potential online terrorist-related activities and communities in multi-language contexts, online dis-information activities and analysis of terrorism trends.
In particular, the DANTE framework focuses on:

- online raising funds activities
- propaganda
- training and disinformation activities

PROJECT BENEFITS

DANTE provides new tools, techniques, processes and algorithms bringing relevant benefits.

DANTE significantly facilitates counter terrorism analysts in investigations: it increases the number and the rapidity of successful identification of terrorist activities lowering the investigations cost.

DANTE tools, techniques, processes and algorithms are developed following the privacy and ethics by design approach, supporting the public acceptance of next generation security system.

DANTE positively impacts on the actual level of security and on how security is socially perceived.

The project supports the management of diverse data sources (videos, text messages, audios, etc), data types and multi-lingual, allowing the detection and analysis of online terrorist-related activities in multi-language contexts.

AIMS & GOALS

DANTE goal is to provide a set of tools and processes to support law enforcement authorities and counter terrorism agencies in their daily work. DANTE aims to significantly reduce the investigation time by automatically detecting relevant terrorist-related data in surface and deep Web, by monitoring and categorizing suspect terrorist related activities in multi-language context and by quickly identifying terrorist online activities and communities.

The main results delivered by DANTE will be:

- A set of innovative services for the automated detection and analysis of online multimedia and multi-language contents;

- A TRL-7 system prototype integrating intelligence and collaboration applications as well analytics services for LEAs.