

PARANOID processes information in support of PSO, but is equally applicable to other areas such as counter-terrorism operations, the fight against fraud, and the acquisition of business intelligence.

Functionality

The functions of PARANOID reflect the workflow in the Intelligence Process, starting from the definition of the information need through to the storage of the Intelligence products. Three main functions have been defined:

- **Profiles:**

In this function the user is able to define certain factors, such as time and space definitions, certain types of events, and particular individuals, that have to be taken into account while processing the incoming information.

- **Documents:**

This function carries out a range of different operations on all incoming information. One

example is the storage and transformation of structured and unstructured data from documents into a structured database, carried out by developing and applying different information extraction techniques.

- **Analysis:**

There is a need for different types of analyses to be able to support the different sub processes of Processing: link analysis, pattern recognition, trend analysis and threat/risk analysis. There is also a need to be able to visualise the data and results. This should be possible not only by using a geographical information system, but also through a number of innovative ways of navigating through a network of different types of related data and information (Figure 1). The way in which the results are presented is influenced by the constraints and other factors defined in Profiles, and the credibility, reliability and accuracy of the incoming information.

TNO Defence, Security and Safety

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