



1. Brief Summary

The search for leads and evidence, including lawful access to communications data, is the cornerstone of law enforcement investigations and prosecutions, bringing criminals to justice. Law Enforcement Agencies (LEAs) have reported that non-content data (metadata) provided by Electronic communications Service Providers (ESPs), play a determinative role in an investigation or for the prosecution of cases of organized crime and terrorism.

The proposed TRACY solution is an innovative digital forensic and investigation platform to identify suspects (in relation to time and space) of serious organized crimes and terrorism in dense urban areas. TRACY will apply advanced ML algorithms on Non Content Data (NCD) provided by ESPs.

The aim of TRACY is to significantly advance the process of LEAs investigations and prosecutions and to provide further identification of persons for whom there was no suspicion of involvement in a terrorist act or serious crime prior to the evaluation and should therefore be further examined by the competent authorities (Intelligence Led Policing (ILP)).

Our newsletter is published twice a year, offering updates on the latest news and advances of the project!

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2. Project News

An important project activity outcome is that TRACY micro platform appliance has become available to all TRACY partners for testing and evaluation purposes. This appliance incorporates a copy of the TRACY engine including a set of synthetic data.

Another project outcome are the two key capacity building workshops dedicated to Law Enforcement Agencies that took place between M06-M12.

The first one was TRACY Labs Session 1 “The Mobile Network and Data Analytics”. This two-days event was organized by PT between 27-28 Feb. 2024 on its premises and it was solely dedicated to TRACY LEAs. The aim of this event was to provide the necessary familiarity with the problem domain, the TRACY tools as well as the TRACY methodology. During the first day fundamental theoretical aspects were discussed while the second day was devoted to data exercises on TRACY related datasets.

The second event was the “Data Analytics for LEAs” workshop organized by PT on May 2024. centered around two state-of-the-art analytics platforms, that can be used to support the LEA

investigations. The first platform is SAS Visual Investigator, which transforms criminal investigations with advanced analytics, data integration, and visualization tools. The second platform we present is Chainalysis, a leading blockchain analysis platform used for investigating and preventing cryptocurrency-related crime. In total more than 50 representatives from 18 different competent authorities (Law enforcement and Public authorities) were registered to attend the event.

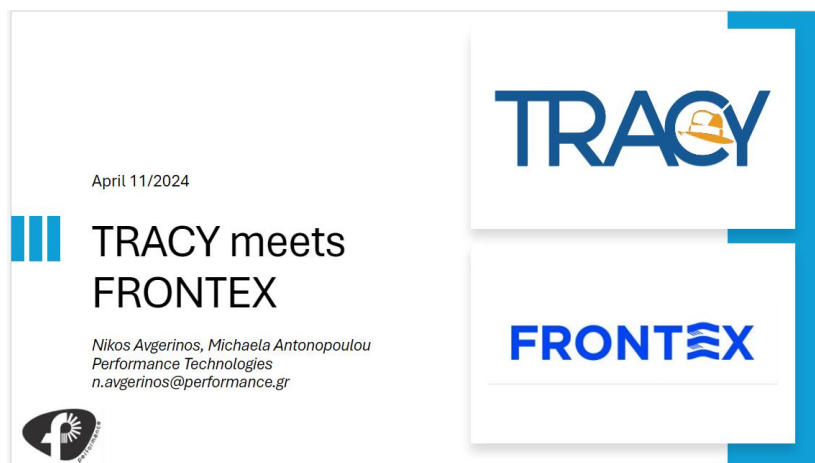
3. Events

Between M06-M12 TRACY had the pleasure to participate in several events.

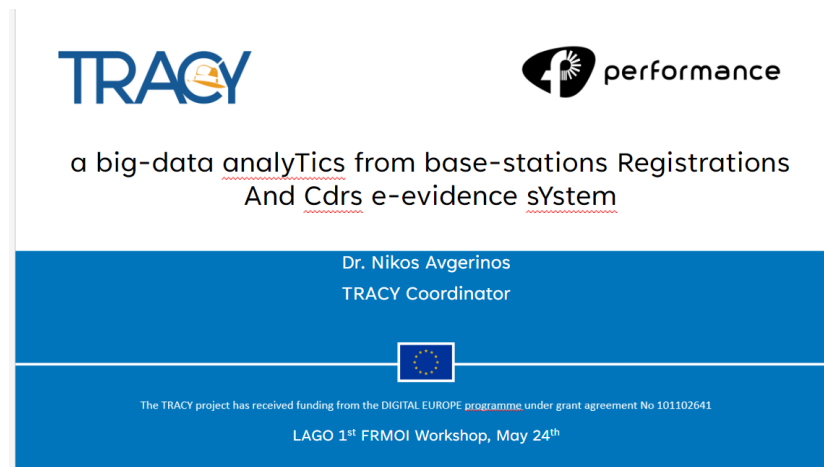
In February 2024 TRACY was invited to the Research to Reality – Digital Solutions to European Challenges being part of the “Unlocking synergies: fostering collaborative innovation” panel discussion.



During April TRACY participated to the FRONTEX Online Industry Days having an opportunity to presents ways of possible uptake of its developed technologies to other domains, shifting from fighting crime and terrorism in urban environment to cases related to Trafficking of Human Beings.



On the 24th of May PT represented TRACY project to the 1st LAGO Workshop hosted in Paris by the French Gendarmerie. During this event a demonstration of the TRACY appliance was presented to the investigators of the French Gendarmerie and EU LEA's representatives.



The slide features the TRACY logo on the left and the performance logo on the right. The title is "a big-data analyTics from base-stations Registrations And Cdrs e-evidence sYstem". Below the title, it identifies Dr. Nikos Avgerinos as the TRACY Coordinator. At the bottom, it includes the European Union flag, a funding acknowledgment from the DIGITAL EUROPE programme (grant No 101102641), and the event name "LAGO 1st FRMOI Workshop, May 24th".

4. Project Achievements

Submitted deliverables

D2.3 Platform & Appliances Detailed Design Specifications

D3.1 TRACY Platform Prototype (Development Appliance)

D5.2 Training Material 1

D5.4 Training Environment Development

D6.3 Dissemination, communication and exploitation activities Report 2

D6.10 Data analytics for LEAs

Upcoming deliverables

D3.2 Annotate Demonstration Dataset

D3.3 Athens demonstration

D4.1 TRACY Platform (Pre-Prod, Production and Demonstration Appliances)

D5.5 Training delivery and evaluation report 1

D6.4 Dissemination, communication and exploitation activities Report 3

Consortium



Stay in touch!

