

VICTORIA UPCOMING EVENT ANNOUNCEMENT: THE ONLINE ANALYTICS CONTEST

The VICTORIA Project

Video recordings have become a major resource for legal investigations after crimes and terrorist acts.

This investigation work is mostly carried out manually by Law Enforcement Agencies (LEA), this being too resource intensive to handle due to the huge and steadily increasing volume of videos that need to be analysed.

To accelerate, facilitate and improve criminal and terrorism related investigations, new video analytics should be developed for detecting and tracking suspected persons, vehicles, audio etc.

The 3-year H2020 European project VICTORIA, launched on 1st May 2017, is addressing this need and is developing an ethical and legally compliant video analysis platform (VAP) accelerating the video analysis tasks of LEAs.

The Analytics Contest

VICTORIA is organising its online Video Analytics challenge called the Analytics Contest which will last till 28/02/2020 (New deadline!).

Audio/video analysis technology developers/providers/researchers are invited to test and benchmark their algorithms and furthermore to develop the necessary plug-ins for these to communicate with the open Video Analysis Platform (VAP) on VICTORIA datasets.

The VAP is an open and flexible platform designed to support analytic tools from third parties with varied features. This new platform will be available in a cloud server (Docker image) during the challenge for testing and integration.

The Analytics Contest is divided into three challenges:

- Video/Audio Analytics: “Detect & track challenge”: the first challenge will invite the developers to propose either Video or Audio Analytics Algorithm (to possibly be integrated as plugins into the VAP, see challenge 3).
 - Video Analytics addresses the detection and tracking of one (or more) of the 2 categories: person and car.



- Audio Analytics addresses the detection of one (or more) of the 5 sound categories: engine, car horn, voice, music and door noise.

The algorithms performances will be evaluated using datasets that contain ground truth information allowing relevant test conditions.

- “Innovative analytics challenge”: The second challenge will invite the challengers to propose the most innovative functionality related to post-event crimes and terrorism acts.

Both challenges will have the possibility to be integrated as plugins into the VAP, please see challenge 3.

- “Plugin integration challenge”: The third challenge will invite the developers to propose a plugin integrated into the VAP.

You are free to submit either one, two or the 3 challenges described above.

At the end of the Analytics Contest, prizes will reward best challengers: first plugins successfully integrated into the VAP, most innovative algorithms, best algorithms scores on dedicated challenges (persons/cars detection and tracking, audio detection)... A special prize will reward challengers of several challenges, mostly including plugin integration.

The rewarded challengers will also be given visibility on a dedicated webpage of the project public website.

They will also have the possibility to give a presentation on their rewarded functionalities at the VICTORIA International conference.

More details about the Analytics Contest (submission, timeline, evaluations, awards...) on the VICTORIA website: <https://www.victoria-project.eu/victoria-analytics-contest>.

Developers are invited to register to the Contest as soon as possible as places are limited!
<https://cmt.eurtd.com/events/event/view/220180/analytic-contest>.



Synthetic snapshots in respect of GDPR

