

## Analytics Desktop Version 8.0

April 2019

**93% of digital forensics officers agreed that mapping and analyzing the journey of a subject is a top priority for any investigation.**  
(Cellebrite 2018 Digital Intelligence State of the Market Survey)

Digital data can no longer be ignored in modern day investigations. With an ever-growing variety of digital devices and cloud sources producing high volumes of data, investigators need the tools to leverage this critical source of evidence to turn digital evidence into digital intelligence.

Cellebrite Analytics Desktop eliminates the time-consuming, and resource draining, manual review of digital data. Using Artificial Intelligence (AI) and machine learning algorithms, Analytics automatically surfaces formative leads, discovers key evidence and highlights actionable insights in the critical hours of an investigation.

Here are 8 reasons to upgrade to Analytics Desktop 8.0 to speed up time-to-evidence:

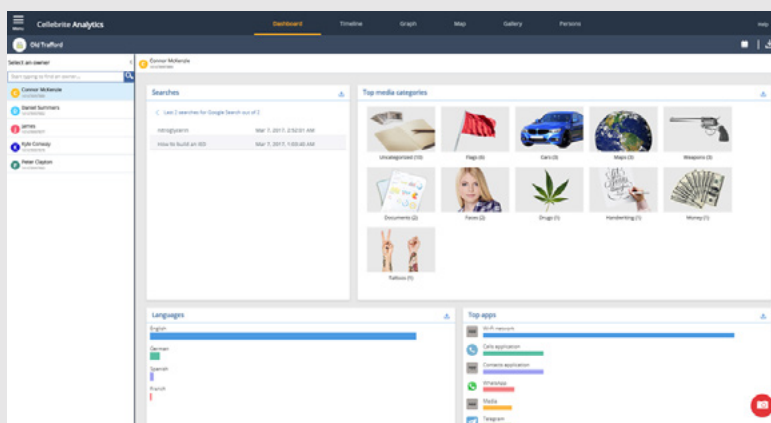
### 1. Streamline cases from UFED Physical Analyzer

Save time by streamlining data ingestion directly from UFED Physical Analyzer into Analytics with a one-click handover.

## 2. Know what to focus on first with the dashboard

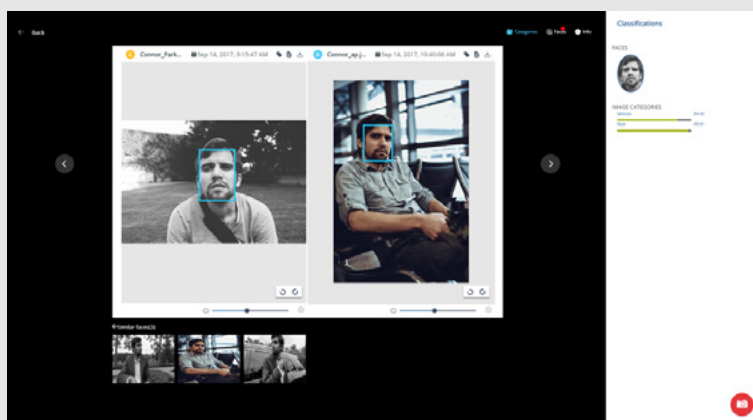
The new dashboard gives a bird's-eye view of what matters most with key insights for you to look at right away. It consolidates and organizes all media and data points through media categorization, contact analysis, and core third-party interaction. This convenient lobby of decision highlights the Who, What, Where, When and Why of the crime.

From the dashboard view, drill down to investigate connections between persons of interest and suspicious digital behavior. Choose from a range of aspects like preferred methods of communications, top interactions, places they frequent, and places they never visited until the time of the crime.

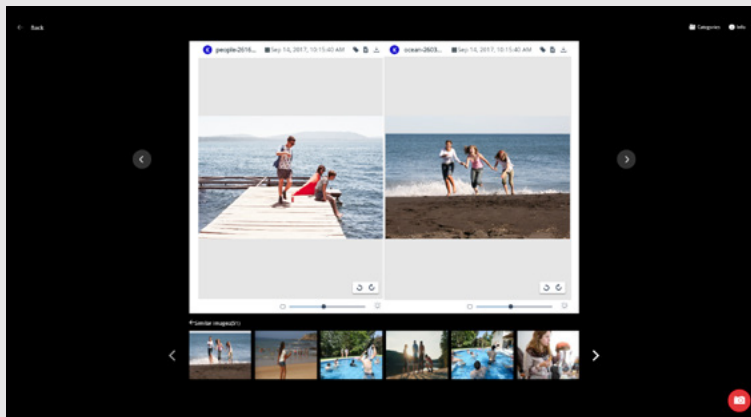


## 3. Recognize people, places, and objects in images

Media Analytics automatically detects and categorizes images related to key categories, such as child exploitation, weapons, money, drugs, nudity, documents and more. Investigators can also quickly identify persons of interest with advanced facial recognition and categorization to surface leads and expand the investigation by making automatic connections between media files.

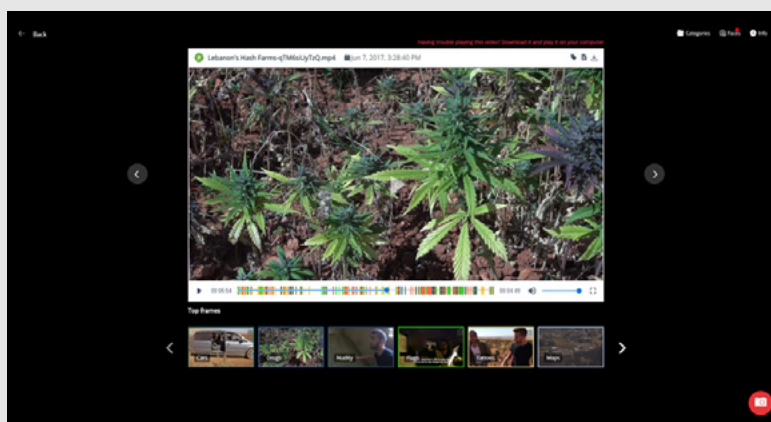


If an investigator has selected an image of a person of interest or of surroundings relevant to his investigation, Media Analytics will scan the database within seconds and surface images and videos that contain frames with similar faces and surroundings.



#### 4. Skip to relevant scenes within video with Video Synopsis

Video Category Synopsis speeds time-to-evidence with the automatic categorization of individual video frames so investigators can focus only on the frame or frames of interest within a specific video file. Different predefined categories are clearly marked on the video playback bar including scenes containing nudity, flags, cars and more.

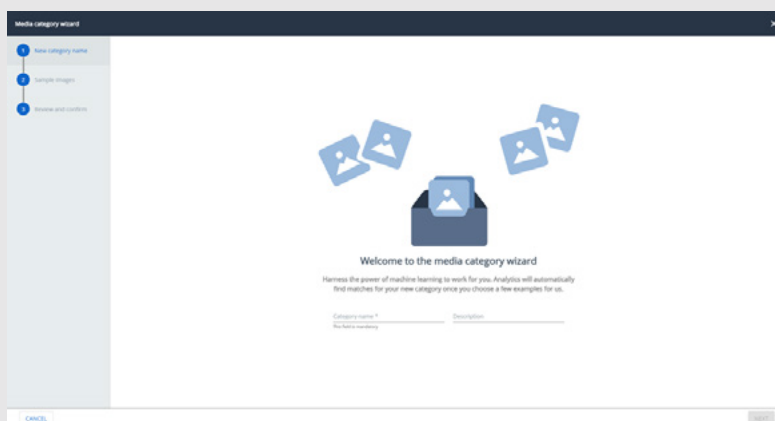


## 5. Create your own media categories

If there is a need to find something that is not part of the out-of-the-box categories provided with the Analytics Solution, Media Analytics delivers industry-first custom media categorization capabilities.

Investigators can now feed multiple pictures into Analytics to “train” the system’s machine-learning algorithms to identify objects previously unseen in the database such as suitcases, symbols, or rooms.

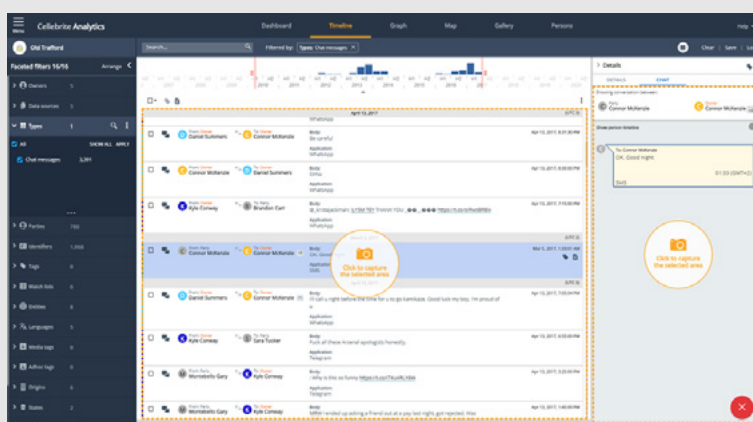
For example, in a child exploitation case where the investigator suspects that the victims change but the location stays the same, they will be able to potentially find more victims by identifying additional pictures taken in the same room.



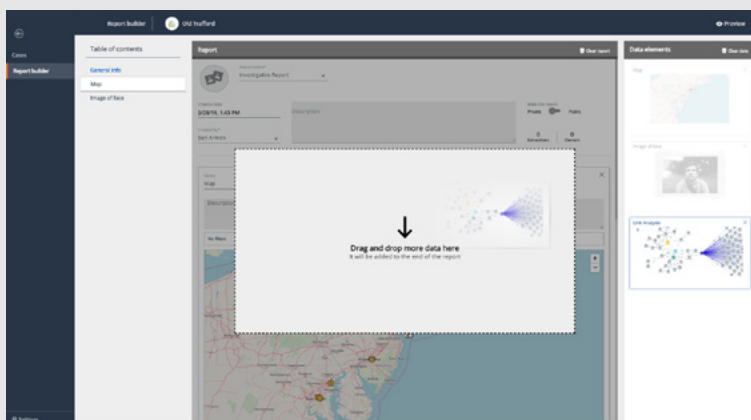
## 6. Visualize case reports

Every organization around the globe requires the ability to summarize all case findings to present the information in such a way that they will be understood by multiple stakeholders with varied levels of technical understanding.

Now, when investigators find data relevant to a case, they can take a snapshot of the information as it appears in the system. This capturing mechanism allows the data to be captured with the relevant context (e.g., displayed on the map, in the conversation bubble or as a link graph) and is stored in a “report builder.”



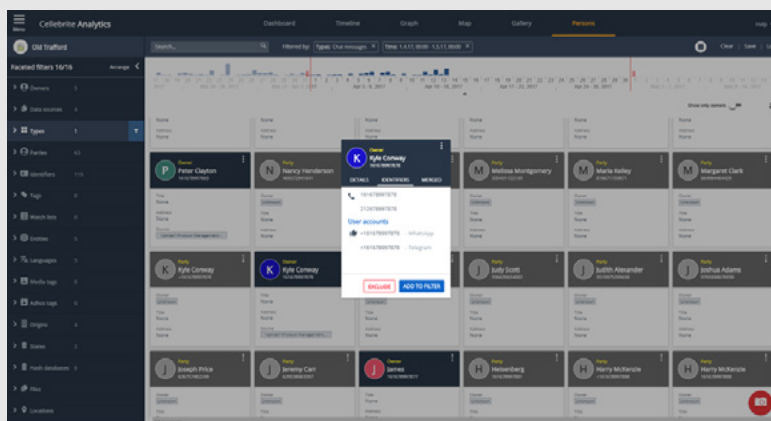
Users can create the final report by simply navigating to the report builder to drag and drop the captured evidence into the report, rearrange the data, add comments, and lay out all the evidence in a simple-to-understand format. “Telling the story” in this way, while still relying on the evidence, can save valuable time and resources previously needed to transform forensic reports into reports which can be presented in court or to any other stakeholder.



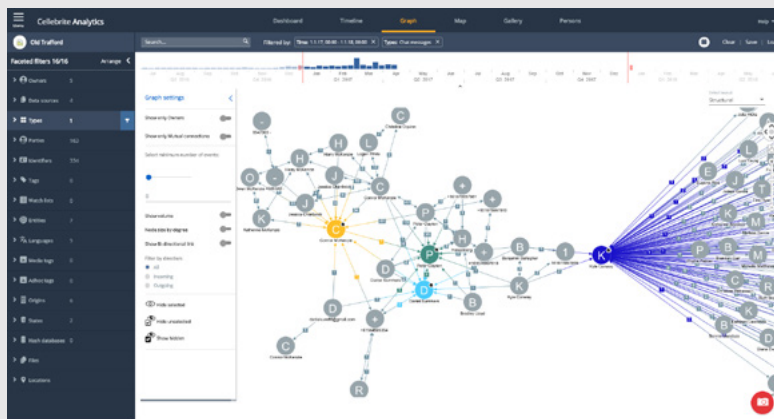
## 7. View numerous identifiers as a single person

Understand a suspect’s complete digital persona and their map of connections, as Analytics automatically aggregates and merges multiple identifiers across different sources.

For example, a person’s e-mail and phone number will be merged into a single person’s data profile.



Examiners can also easily filter the view to only show mutual connections, higher density links, links based on timeframe, and much more.



## 8. Analyze any video format

Up until now, not all video formats were supported as there are countless codecs and variables. Video investigation solutions, such as Input Ace, are now integrated with Analytics to allow a one-click hand over of video files into the platform. This will enable comparisons between external video sources and phone-stored video, as well as recognition of benchmark footage to assist with media categorization and video synopsis output.

Media analytics can now be performed on these external source videos and images, to correlate timestamp and location data from mobile, cloud sources and video sources such as CCTV.

