

Reduce Your Forensic Evidence Searches From Hours To Minutes

- VCAforensics accurately pinpoints specific objects and people of interest in post event searches
- Searches multiple cameras, creating an audit trail in minutes
- Works independently of a VMS with a simple UI
- Single site or multi site applications, creating a unified search across different locations
- Uses existing CCTV cameras
- Built-in redaction facility to ensure compliance with data protection

Class:	Person
Torso Colour:	Blue
Leg Colour:	Black
Has Bag:	No
Time:	13:45:23 28.04.23
Camera:	North Entrance

SEARCH QUERY OPTIONS



Multi Camera
+ Zone



Object
Type



Time
Period



Colour
Profile

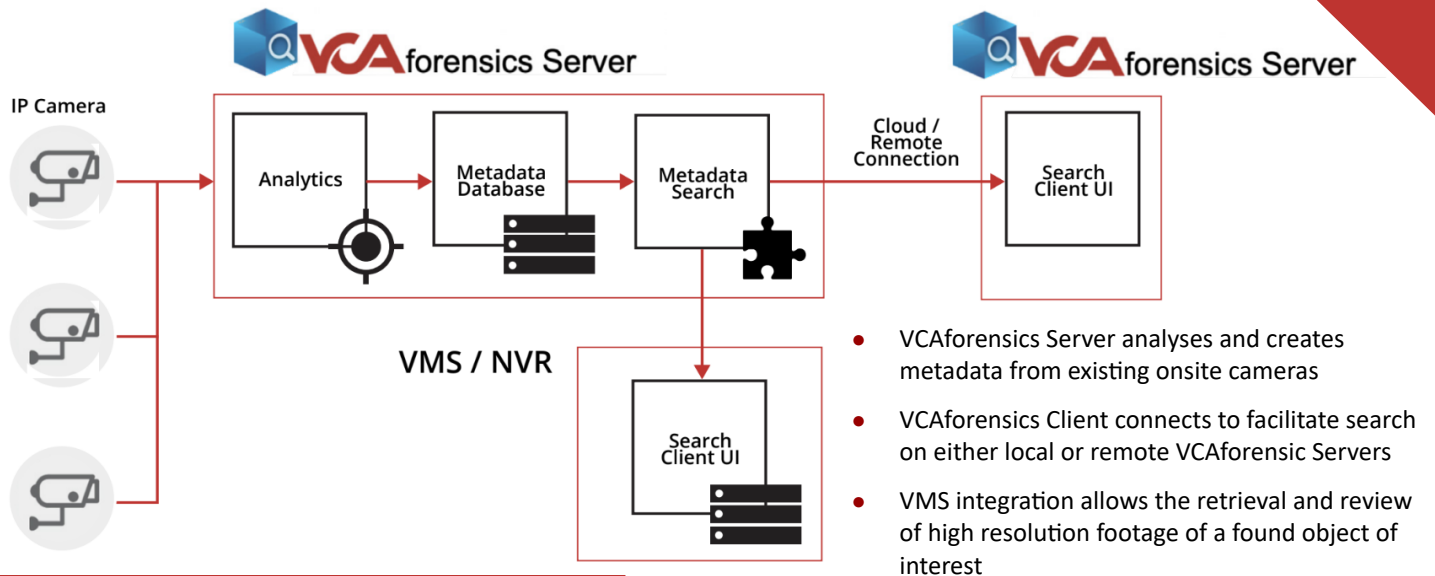


Bag
Detection

ADAPTIVE SEARCHING

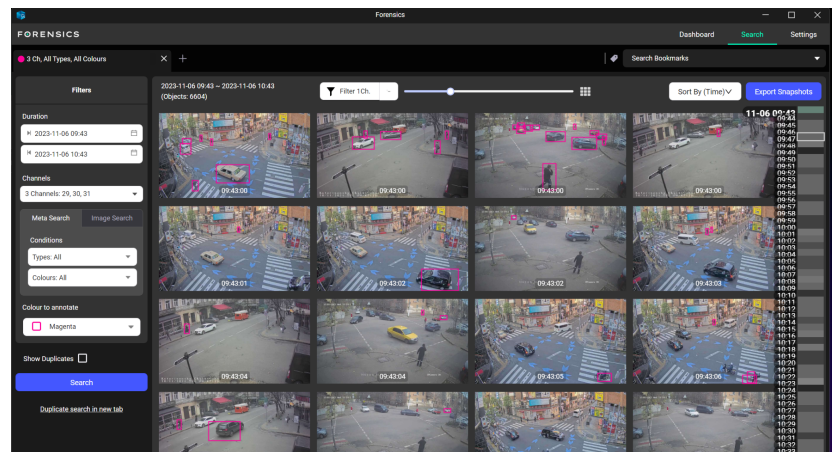
- Create searches for objects you never knew you were looking for
- Search hundreds of thousands of metadata objects in seconds
- Use object metadata to create an appearance search
- VCAforensics Server records metadata and snapshots in real time, no need for post processing
- Ability to change search criteria with one click
- Simple-to-use search client to create and execute queries and new searches
- Export snapshots of objects of interest along with the metadata that describes them
- Use the VCAforensic Client to securely search the data of a single or multiple remote sites
- Encrypted metadata and snapshots storage
- Integrate with VMS or NVR to access stored video for an object of interest
- Aids evidence gathering workflows by first locating an object in time and space, refining searches in 3rd party applications

ARCHITECTURE



CLIENT

- Connect securely to local or remote VCAforensic Servers and query stored metadata
- Easy to use UI to make creating queries, reviewing results and exporting information quick and easy
- Create appearance searches based on objects of interest to locate similar objects in other cameras
- Quickly review large amounts of detected objects chronologically



HARDWARE

Example hardware configuration for 32 channels, using our deep learning object tracker, storing 30 days of snapshots and metadata

OS	Ubuntu 22.04 LTS Desktop	Memory	16Gb DD4
CPU	Intel® XeonTM Silver 4210	System Drive	250GB M.2
GPU	Nvidia® A2000	Storage Drive	8TB 7200rpm
*Input resolution used for video analytics. 480p at 15fps			