T3K CORE (Content Review Engine) in B2B Settings

CORE was developed with a wide field of use cases in mind, including but not limited to integration into:

- Digital forensic investigation and eDiscovery platforms to highlight key evidence to investigators early in the case life cycle
- OSINT & web monitoring platforms to give investigators a higher focus on potentially relevant material
- Compliance and safety/security scanning infrastructures for flagging illicit, unwanted, or harmful content
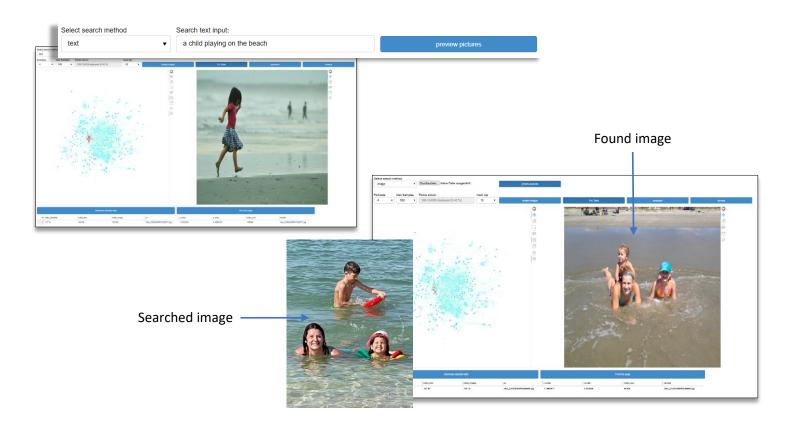- Video Management Systems (VMS) for alerting operators about specific filter criteria

CORE is a "Rec Tech" API solution to screen digital data for illegal and harmful contents, such as CSAM (Child Sexual Abuse Material) or TVEC (Terrorist and Violent Extremist Content). It's also used to spot breaches of IP, compliance, and other corporate risks. CORE can additionally be used to detect fraudulent signatures.
CORE's image and video classifying technology runs on-premises and in the cloud. It allows quick and easy screening at scale.

Focus use-case CSAM detection:

T3K uses the most advanced recognition technology for CSAM available today. Our CSAM classifier is trained on abstracted data (encodings), which makes it not only the most accurate tool on the market, but also means that it can be easily and continuously re-trained without having access to the original data. The classifier currently achieves hit rates of around 90% with extremely low false positive rates (0.5-3% - further reduction through cascaded setups).

Additionally, to the exceptional Classifier, CORE for CSAM also uses:

- Age & Gender estimation of children's faces (can be combined with CSAM Classifier)
- Pattern recognition to detect logos on clothing, patterns on bedsheets, tattoos, paintings, and more
- Clustering of images containing the same contents (i.e. all images of the same bedroom together)
- text2image and image2image search capabilities, allowing very specific searches in data after quick preparation of calculating Encodings

Found image

Searched image