Capture

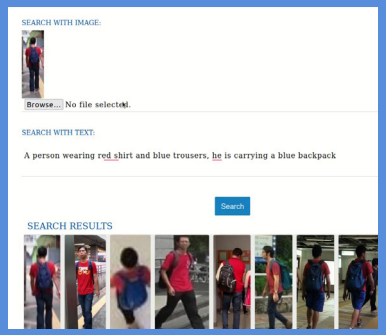
Person Search and Image Database System

Are your law enforcers drowning in digital data?

Detect more crime by managing images legitimately collected in connection with criminal investigations - from crime scene CCTV and other sources, including social media if appropriate. Ensure that when a “mug-shot” is taken or a suspect is found in an image, a search is made for the offender against all images held by your law enforcement agency. This system will make the use of images to solve crimes as systematic as the use of fingerprints and DNA. This is a world first.

SENSUS FUTURIS

People-Centred AI
UNIVERSITY OF SURREY



- **CAPTURE the image**
- **CAPTURE the data**
- **CAPTURE the evidence**
- **CAPTURE the criminal**

Capture technology

Using deep neural network technology, **Capture** supports an integrated search based on the subject's appearance, clothing and accessories as well as facial characteristics, when available.

The ability to specify queries verbally is a unique feature of the Sensus Futuris design, unmatched by any other video analytics system on the market.

The multimodal architecture enables unimodal (image to image), cross modal (text to image) and multimodal (text+image to image) search.

The **Capture** comprehensive API is designed to support seamless man-machine cooperation and search result verification in the ethical spirit of enabling the final decision always to be made by the human in the loop.

The system is endowed with extensive database management features, which support GDPR compliance, database operation audits, and provide performance data and usage statistics for performance management purposes.

The system can be deployed on a range of platforms, from laptop to central server architectures. New image data can be ingested manually or using Sensus Futuris Curator.

Existing databases can be ingested automatically by tailored APIs.

Innovative Artificial Intelligence Solutions

SENSUS FUTURIS

Sensus Futuris is a University of Surrey spinout, with more than 100 years of combined research experience in the field of Computer vision, Machine Learning and Artificial Intelligence.

UNIVERSITY OF SURREY | CVSSP Centre for Vision, Speech and Signal Processing | People-Centred AI UNIVERSITY OF SURREY

Our products and services

Please check our other exciting products including:

- AI powered video analytics tool called **Curator**
- A state-of-the-art face recognition system that can detect faces in a live/offline video called **Protector**

Key areas

Our products are targeted for following areas:

- Enhanced Surveillance
- Person Appearance Search
- Face Recognition
- Object Tracking
- Age Estimation

Contact Us

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