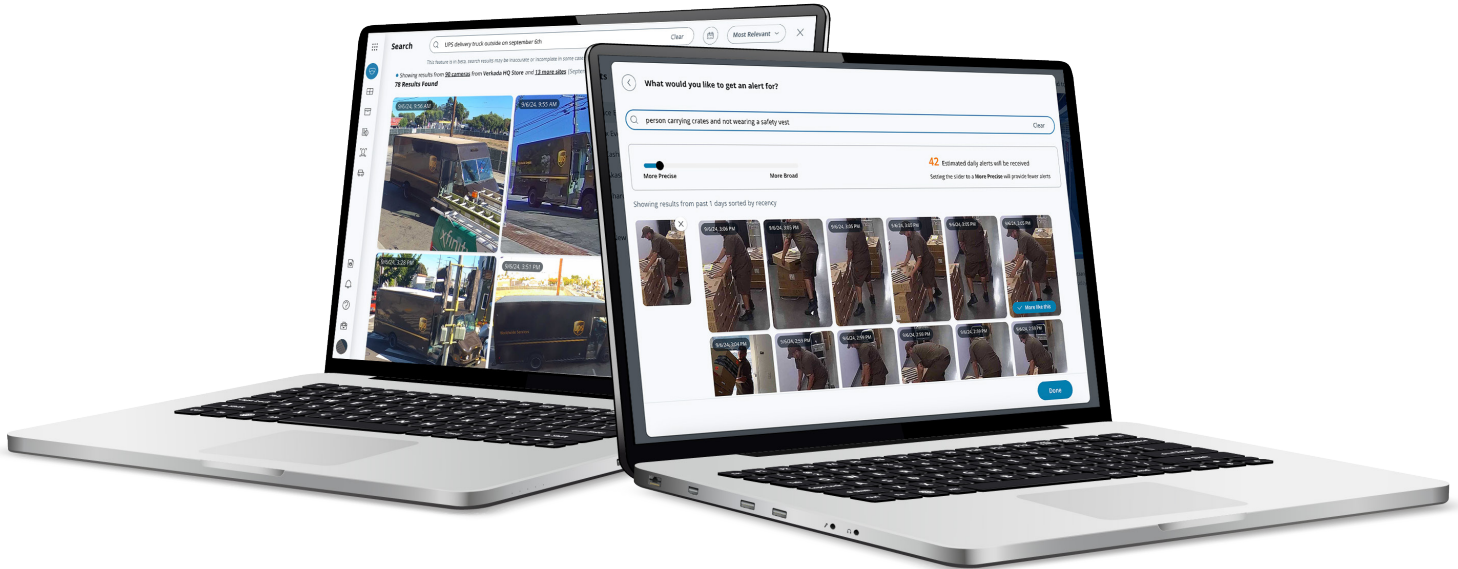




## Verkada's AI-Powered Search

# Use Natural Language to Conduct Investigations and Create Alerts Directly Relevant to Your Organization



Verkada's AI-powered search in Command gives users the ability to search and create real-time alerts for a near-limitless number of attributes of people and vehicles across their organization. With AI-powered search, users can leverage their own words in a freeform search bar or upload a photo to search for a person or vehicle of interest and conduct highly-granular investigations in seconds.

### Use everyday language or upload an image to get results in seconds

- Search for specific attributes of people like articles of clothing, hair styles, brands, as well as attributes of vehicles, like tinted windows, text (such as "UPS truck" or "San Mateo School bus"), and bumper stickers, that make investigations more accurate and streamlined.
- Use AI-powered reverse image search to upload a photo of a person, vehicle, or object and retrieve the likeliest set of matches from one's camera fleet.<sup>2</sup> Use this reverse image analysis to see if non-person and non-vehicle objects were carried, held, worn, or attached to a person or vehicle.<sup>3</sup>
- Use AI-powered reverse image search to help identify individuals when faces are not fully visible.

### Conduct investigations that address different industry-specific use cases by time and location<sup>1</sup>

- Better investigate slip-and-fall cases, shoplifting, break-ins, occupational hazards, workplace safety compliance and more, using freeform queries.
- Organize searches by time and location for added specificity and more relevant insights of people and vehicles.
- Use "NOT," "AND," and "OR" in queries to search for multiple identifying attributes or for missing attributes (e.g., "Person driving a forklift and wearing a safety vest, but not a hardhat").

### Create proactive alerts in one click using freeform text queries

- Turn queries into action with AI-powered alerts and generate notifications directly relevant to one's security and operational needs.
- Adjust the frequency of alerts with a slider that tailors the accuracy of results.
- Share alerts in real-time and use the "More like this" feature to generate even more specific results from one's queries.

1. Check out our [User Guide](#) for example queries and methods for constructing queries relevant to organizational requirements.

2. AI-powered reverse image analysis pulls multiple aspects of an uploaded image, like shapes, pixels, patterns, and other granular details, then delivers the most reasonable matches from one's footage.

3. Results leverage "hyperzooms," which are highly-detailed segments of a video frame that contain images of a person or a vehicle only, typically the most important parts of an investigation. If an uploaded image does not include a person or vehicle (i.e., a standalone object), results will be directed to "hyperzooms" of people and vehicles that include the object (e.g., if uploading a standalone suitcase, the search will return results of a person holding a suitcase or a suitcase attached to a vehicle).