

ReadyNow Large Vision Model (LVM)

ImageChat™

Next Gen AI tool for image to text understanding

ImageChat combines computer vision and Large Language Models to create a foundational Large Vision Model. It offers a straightforward and scalable approach to extract deeper context and meaning from both visual and textual data.

ImageChat allows users to leverage prompt engineering to systematically query cameras and visual content. By automating prompts for search and detection, data insights are generated faster and more accurately leading to increased productivity.



ImageChat delivers:

- **Easy deployment**
Available out-of-the-box and fast and easy to deploy; whether self-hosted, in the cloud, or on-premise.
- **Scalability**
Add video streams seamlessly — from 1 camera to 500 — it scales as your needs grow.
- **Security**
Standalone, pre-trained model that ensures your data remains yours. No customer data is integrated into ImageChat.
- **Accuracy and speed**
Recognizes over 40 million visuals for unparalleled levels of accuracy and response precision in near real-time.
- **Versatility**
Run 2 models to 8 models on the same device to monitor for multiple applications such as fire and weapons and slip and falls.

ImageChat redefines GenAI for computer vision

Start proactively searching your video and visual data and unlock rich multimodal analytics and experiences.

Businesses applications:

Video search

Automate prompt queries to search footage faster and reduce repetitive manual view tasks to reallocate human resources to higher value activities.

Digital asset management

Create richer metadata, image alt tags, and even image and document descriptions tailored to the desired tone.

Workplace safety

Monitor simultaneous video streams for multiple detections such as slip and falls, fire, puddles, and presence of safety gear.

Inventory management

Identify stock out and missing products from store shelves in real time, streamlining inventory management and ensuring optimal product availability.



Is this logo approved for marketing use? ▶

Case Study

ImageChat for Wildfire Detection

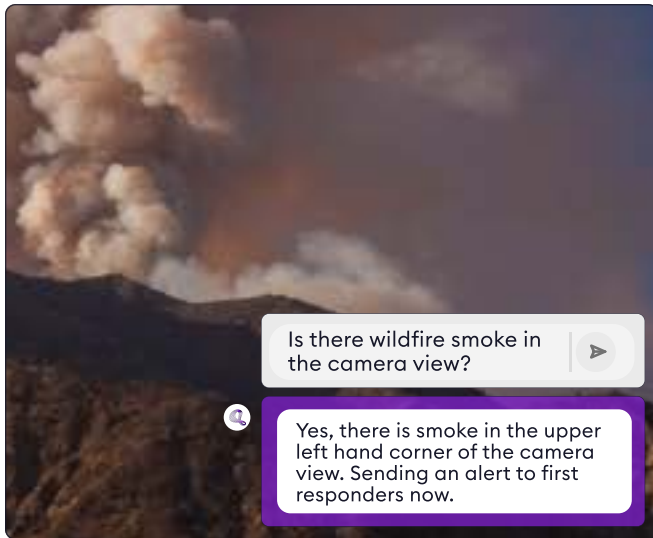
In 2020, California experienced 9,900 wildfires that burned 4.3 million acres of forest; causing \$19B in losses. As wildfire threats continue to increase, as do the visual monitoring requirements for California utilities and fire services. Traditional manual review efforts were not delivering the proactive fire detection that was needed.

Kern County, California collaborated with Chooch, Dell, and VantIQ to enhance their wildfire detection system and improve their video review capabilities to reduce false positives and accelerate fire detection.

They deployed pre-trained smoke and fire computer vision models on their existing camera infrastructure and using ImageChat created custom prompts to query camera data about signs of smoke or fire in frames.

At first signs of smoke, an alert was sent real-time to first responders on their smartphones or computers to initiate immediate response measures. This enhanced communication ensured a more efficient and effective emergency response process.

As a result, Kern County was able to simultaneously monitor 2,000 camera feeds, reduce false positives, respond faster, and ultimately save lives.



About Chooch

Chooch makes cameras smart with computer vision augmented with generative AI technology. Chooch helps their customers automate manual visual review tasks to gather real-time actionable data for driving critical business decisions. Chooch has helped customers deploy computer vision solutions for workplace safety, loss prevention, manufacturing QA, and more. Chooch has partnered with leading companies, including NVIDIA, EY, Lenovo, Microsoft, VMware to help our customers build best-in-class computer vision solutions.

“

Chooch's ImageChat model greatly increases confidence and accuracy in the early detection of wildfires and smoke in camera views when deployed in conjunction with its smoke and fire object detection model.”

VANTI Q

ImageChat features

Supports 14+ diverse file types

Its versatility goes beyond just images; it can analyze over 14 different file formats, including .txt, .pdf, .doc, .ppt, .csv, and more.

Interacts in 50+ languages

Allows the creation of text prompts and responses in 50+ languages, enabling the development of localized applications, like multilingual caption generation.

Data security

Standalone, pre-trained model that ensures your data remains yours. No customer data is integrated into ImageChat.

Flexible deployment options

Available out-of-the-box and offers the flexibility to be self-hosted, in the cloud, or hosted on-premise.

Delivers responses in desired tone

Goes beyond basic information delivery by creating responses that meet specified tones, styles, and directions, ensuring responses are customized for the intended audience.

Integrates with YouTube videos

Introduces a novel way of engaging with videos: Users can now gain deeper insights into video content simply by uploading a YouTube video link.

Unparalleled level of accuracy and response precision

Trained on a dataset of 11+ billion parameters, 2 billion images, and recognizes 40+ million visual details.

Try ImageChat.
Download the app.



hello@chooch.com • 1-800-997-0115 • www.chooch.com