

Edge Computer Vision



 www.lannerinc.com

 contact@lannerinc.com

Retailers and manufacturers are using computer vision technology to uncover real-time insights into business operations.

By deploying computer vision technology on existing cameras and sensor technology, customers are enhancing real-time monitoring and analysis of current video stream data to detect actions, images, and objects that might indicate potential safety issues or disruptions to business operations.

Lanner collaborates with Chooch to provide turnkey computer vision solutions that integrate Lanner Edge Appliance and Chooch ReadyNow Models to deliver an end-to-end computer vision platform, enabling customers to manage the entire AI lifecycle, including dataset management, annotation, model training, and synthetic data creation.

The joint solution simplifies and accelerates computer vision deployment, ensuring that customers can realize value sooner.



Retail Solutions

- Traffic flows tracking
- People counting
- Customer demographics
- Dwell time analysis



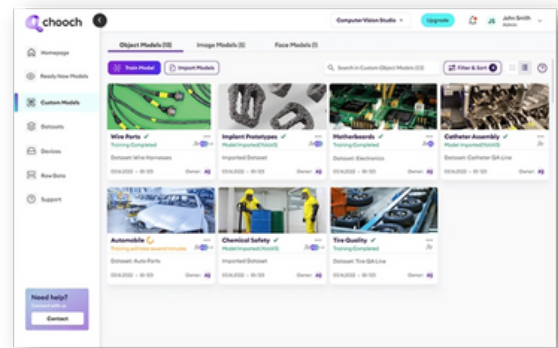
Manufacturing Solutions

- Proper PPE usage, e.g. gloves, hardhats, and vests
- Employee physical safety
- Go/no go zone access control for forklifts and people



Benefits of Chooch's Computer Vision Platform

Chooch is a leading AI Vision platform that instantly detects specific visuals, objects, and actions in videos and images, especially critical anomalies, and immediately comprehends their significance and launches real-time preprogrammed responses – all in a fraction of the time it takes the human eye to notice an issue.



ReadyNow™ AI Models

Use pre-trained models designed for common use cases to kickstart AI deployment and efficiency

Low-Latency Edge Computing

Process data more rapidly at the edge using an inference engine optimized for low frames per second environments

Active Continuous Learning

Automate data collection from one or multiple devices and deploy models into production without requiring DevOps



Edge AI Computer LEC-2290E

- Intel® Core™ i7-9700TE CPU
- Nvidia Tesla A2 GPU
- 2x DDR4 2133/2400 SO-DIMM, Max. 64GB
- 2x RJ45, 4x PoE, 4x USB3.0, 6x COM, 8x DIO
- 2x Removable HDD/SSD, 1x mSATA

Edge AI Server NCA-6530

- 4th Gen Intel® Xeon® Scalable Processor
- NVIDIA A30 Tensor Core GPU
- 24x 288-pin DDR5 Max. 1536GB
- 8x NIC Slots, 2x GbE RJ45, 1x RJ45 Console, 1x LOM, 2x USB 3.0



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