



Precision OCR & Image Recognition

WITH CLOUD COMPUTING & THE INTERNET OF THINGS

Enterprise technology stacks that enable end-to-end IoT scenarios are changing traditional business models and creating unprecedented value for economies around the world today. Prepare your enterprise for the future, by building better machine-to-machine networks and sharing data & intelligence from your logistics infrastructure and assets with Kaleidoscope's Precision Image and Optical Recognition Neural Network and IoT integrations.



Intelligent OCR

Computer Vision

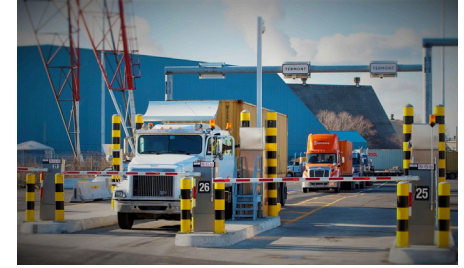
At the core of our platform lies a Neural Network (a lightweight form of Artificial Intelligence), allowing for the direct integration of imagery with our platform by using both off-the-shelf commodity hardware or our own ultra high-resolution ALPR (Automatic License Plate Recognition) cameras. OCR detection can be trained across a number of applications, such as reading serial numbers on Shipping Containers and Unit Load Devices.

Leverage the same imagery shared with our Intelligent OCR network with our Computer Vision engine, further extracting both detailed and summarized information from your images to help better categorize and visualize your image and video data. Information & visual content found in an image combined with a unique form of tagging can then be leveraged across our IoT platform to further automate & optimize your assets.



ALWAYS ON

Facilitate effective management and operations at gate, yard, loading, and unloading zones for modern ports and terminals & improve entry and exit security, by providing a 24-hour non-stop recognition system.



LOWER TCO

Enhance and facilitate better terminal operations through consistent performance, and reduce operating costs by facilitating real-time global tracking and tracing of containers and assets.



DIRECT ACCESS

Integrate your data that is collected by our IoT, OCR and Computer Vision systems directly with your enterprises software stack. Our Universal API allows provides real-time programmatic access to all of your data to provide a true machine-to-machine turnkey solution.



AUTOMATION

Automate many aspects of your facility with precision by providing real-time business intelligence to your enterprise with key information such as terminal, depot and/or vessel operations.



APPLICATIONS INCLUDE

- Automation and simplicity of airport and harbor logistics
- Inventory management & container surveillance
- Toll collection points for container logistics
- Building a comprehensive database of traffic movement

Learn more at: www.kaleidoscopeiot.com

