

# CASE STUDY: CONTAINER DEPOT



CathexisVision's reliability and flexibility make it the ideal solution for container depots, providing significant value and return on investment.

## THE CHALLENGE

The container depot is responsible for managing a complex and extensive network of vehicles, drivers, and cargo types which enter and exit the depot. Instructions from customers vary, including import or export and a range of packing dates.

The client required **automated security checks** for the delivery and dispatch of freight, so that processing could be completed quickly and efficiently, without unnecessary inspections.

While the operations division required **faster traffic flow**, security personnel were concerned about the **safety of cargo**. The challenge was to find a solution that would satisfy both demands.

In response to these needs, Cathexis created a solution that is fast, free-flowing, and secure. Using integrated container recognition software, including both Container and License Plate Recognition, video analytics capture relevant security information and send it to CathexisVision to provide notifications and alerts in real time.

CathexisVision's exceptional integration capacity provides a single, powerful solution that meets the site's unique requirements.

## SUMMARY

**VERTICAL MARKET:** Logistics

**APPLICATION:** To provide an efficient and reliable Video Management Software (VMS) solution with integrated container and number plate recognition systems

**PACKAGE:** CathexisVision 2018 and later

### FEATURES:

- Automatic Number Plate Recognition (ANPR)
- Container Recognition integration capability
- Weighbridge integration
- Smart video analytics
- Third-party integration capability



## SOLUTIONS



### ANPR

- Checks that the vehicle registration and driver ID match pre-advice, and that the vehicle is carrying the correct containers.
- Groups staff member vehicle registrations into an authorised access list.
- Allows operators to select an individual vehicle from a list showing which vehicles are currently on-site with import/export goods.
- Allocates vehicles to specific lanes and checks that they comply.



### ACCESS CONTROL

- Integration with access control system facilitates recognition of driver biometrics.



### WEIGHBRIDGE INTEGRATION

- Vehicles are weighed on a weighbridge at entry and exit. Information is logged to the system with video verification of the event.



### PROGRESS TRACKING

- Email updates are sent to customers to track the progress of the freight.