

Supplier Redundancy with AVA

Multiple systems and resources in One Solution

Situation

The client engaged a service provider to oversee operations, generate **manual counts** and daily reports, and offer insights for continuous improvement. This meant that the service provider had to station personnel at various locations such as gates, weighbridges, stockpiles, warehouses, and ports to **manually record trip data**. Additionally, individuals accompanied drivers to conduct time and motion studies.

The manual recording of trip data and conducting time and motion studies were highly frustrating for several reasons:

- Labor-Intensive: The process required a significant number of personnel to be stationed at multiple locations, leading to high labor costs and logistical challenges.
 SOURCE
- **Prone to Human Error:** Manual data entry is susceptible to errors, which can lead to inaccurate reports and insights.
- Time-Consuming: The process of manually recording data and generating reports is slow and inefficient, causing delays in obtaining actionable insights.
- Lack of Real-Time Data: The manual process did not allow for real-time data collection and reporting, which is crucial for timely decision-making.



Resolution

The AVA solution integrated license recognition cameras at security gates, asset tracking devices, weighbridges, and smart geofencing. This automation allowed trips to be automatically calculated and compiled into real-time reports and alerts, eliminating the need for manual data entry by personnel. As a result, the client no longer required an external service provider for operational insights and subsequently terminated the contract, achieving an annual saving of \$1 million.

By automating the data collection and reporting process, AVA significantly improved efficiency, accuracy, and timeliness, removing the need for individuals to perform these tasks manually



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Results

After implementing the AVA solution software, the client no longer required an external service provider for operational insights and subsequently terminated the

