

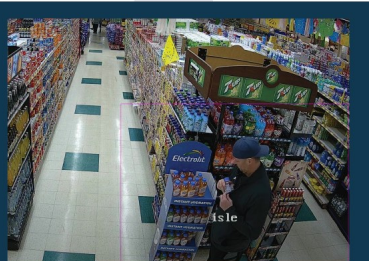
Enhancing Security at El Ranchito Grocery Store in Joliet, Illinois

Background

El Ranchito, an independent grocery store in Joliet, Illinois, faced increasing challenges with theft and unauthorized access, negatively impacting both their bottom line and overall security. Initially equipped with 11 surveillance cameras, the store struggled to monitor activities effectively, leading to a significant gap in theft detection and prevention.

Technology Deployment

To address these challenges, the grocery store partnered with MDI AI Detection to upgrade their security system.



MDI AI Detection security camera identifies theft inside El Ranchito grocery store

The goal of the partnership was to test technologies to reduce theft and improper access. To achieve this goal, the following technology was deployed to El Ranchito:

- **Expansion of Surveillance Coverage:** The number of surveillance cameras was increased from 11 to 26, ensuring comprehensive coverage of all critical areas within the store.
- **Integration of MDI AI Detection Technology:** Advanced AI detection capabilities were integrated into the new and existing camera systems. This technology specializes in identifying theft, unauthorized access, and the presence of weapons, among other security threats.

Results

Since the implementation of the enhanced security measures, the grocery store has observed a marked improvement in their security metrics:

- **Reduction in Shoplifting Incidents:** There has been a significant downward trend in shoplifting incidents, demonstrating the effectiveness of the new system in deterring and detecting theft.
- **Increased Theft Detection Rate:** The detection rate for theft has significantly improved, rising from 30% to 60%. This improvement highlights the precision and reliability of MDI AI Detection technology in identifying suspicious activities.



MDI AI Detection security camera identifies gun and possible intrusion at the back of El Ranchito grocery store

Conclusion

The partnership with MDI AI Detection has proven to be a valuable investment for El Ranchito. By expanding the store's surveillance infrastructure and deploying advanced AI detection capabilities, El Ranchito has successfully enhanced its security measures, leading to a reduction in theft and unauthorized access. This case study illustrates the benefits of leveraging technology to address common security challenges in retail environments.