

OVERVIEW

The ability to follow a person as he or she traverses a surveillance area and create a complete record of their time under surveillance is critical. Traditional video surveillance techniques have lacked the real-time monitoring and analysis of complex events over time and across multiple cameras needed to build a case quickly and easily.

IntelliVid's Computer Aided Tracking[™] (CAT) performs this critical real-time video analysis function. It guides the operator in following a suspect throughout the store. CAT, which automatically learns the layout of a store and the interrelationships between cameras, presents the most likely next camera to which a subject may travel. The operator can quickly monitor that camera and observe a suspect's behavior, even as he or she crosses into the range of another camera. CAT's advanced image processing enables retailers to track moving objects and people across multiple cameras throughout the store, live or forensically, thus verifying both the crime and the offender before apprehending the suspect. Such real-time analysis results in targeted, immediate apprehensions and maximizes the effectiveness of the retail surveillance system.

KEY BENEFITS

- Eliminates the operator's need to develop a knowledge of the location layout, typical visitor behavior, and the spatial relationship among the various camera's
- Automatically reveals potential theft events and security violations while capturing the event automatically and issuing an alert

- Enables higher accuracy and eliminates the need to transmit all captured video for analysis, thereby reducing the amount of video to view.
- Provides more accurate documentation of suspicious activities, including chain-of custody evidence for legal proceedings.
- Allows loss prevention staff to be more productive when performing investigations through automated business intelligence and analytical capabilities

KEY FEATURES

- **Sophisticated vision technology** quickly learns the store camera layout, based upon shopper traffic patterns.
- **Camera relationship and traffic pattern knowledge** enables users to follow a specific individual across many different cameras in a store.
- **Chain-of-custody videos** are automatically created from multiple cameras by seamlessly stitching footage together either live or forensically.

