Loss prevention in the retail businesses is concerned with inventory shrinkage and the shortage of currency. Losses related to POS transactions can be a main cause of the shrinkage for the most part. An effective POS-DVR surveillance solution can help employers deal with these situations.
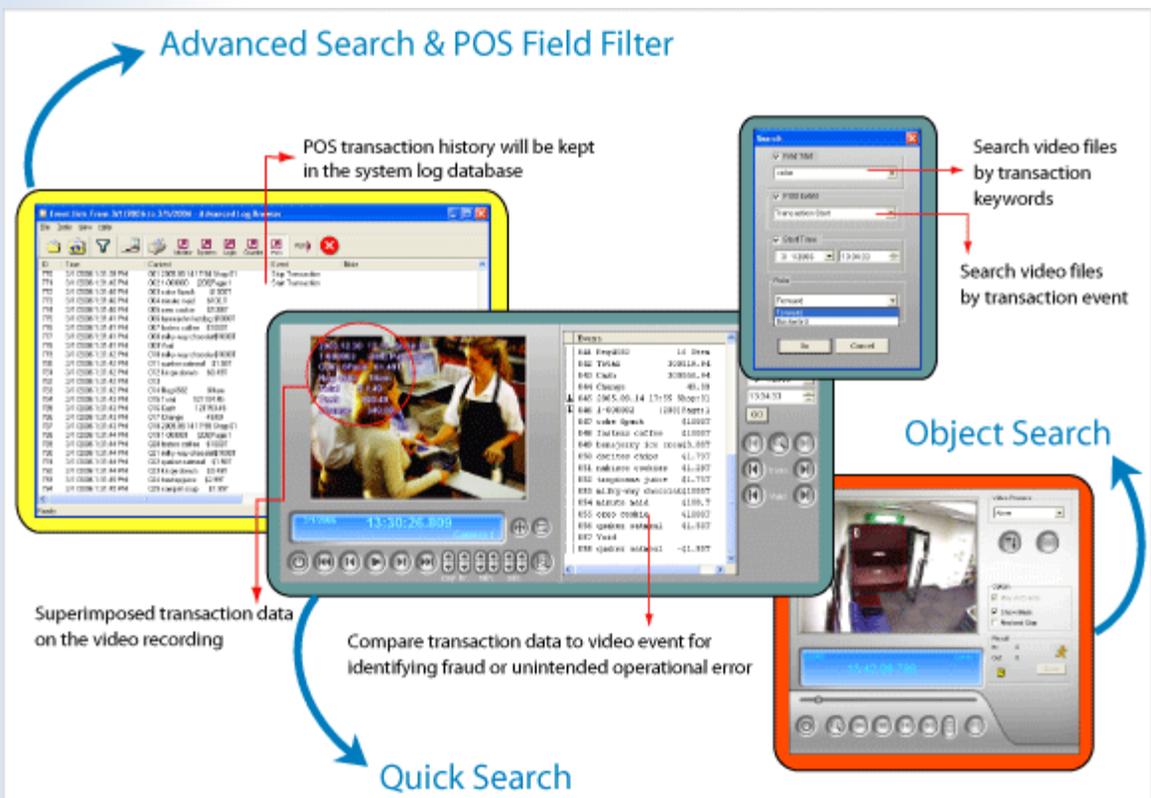
The GeoVision POS-DVR surveillance system uses video text overlay technology to provide visual contextual awareness that helps reduce shrinkage and protect asset against business losses. While working in conjunction with GV-Data Capture, the GV-Series surveillance system can turn into a POS/DVR surveillance system, which helps you with tools to remotely monitor cashier area, associate POS transaction data with videos, record videos for retroactive analysis, and even output alarms for emergency events.

NEW FEATURES
- ➢ Highlight special keywords on screen, syslog, video with color
- ➢ User special keywords to trigger digital I/O
- ➢ POS live view using WebCam

MAIN FEATURES
- ➢ **Ethernet version:** up to 16 POS or Cash Registers
- ➢ **POS Video Text Overlay:** display / hide transaction text messages on screen and on video files.
- ➢ **Quick Search:** single video search and playback with transaction data. Search criteria: keyword in the receipt, transaction event (start/stop/void), or start time.
- ➢ **Advanced Search:** access to Advanced Log Browser to search for all the transaction lists within a specific time frame based on pre-defined transaction criteria.
- ➢ **POS Field Filter:** use pre-defined transaction criteria to search in a field filter displaying the results in a newly created System Log, e.g. all the transactions containing the keyword "coke" will be screened out.
- ➢ **Abnormal Transaction Alerts:** when pre-defined abnormal transactions occur (e.g. over a certain value amount), the system will output alarm devices and send an alert message via email, phone, or SMS.
- ➢ **Cash Drawer Input Setting:** set module to the cash drawer so that whenever it opens, an alert will be sent to the GV-DVR System site and the transaction will be saved in the System Log for later retrieval.
- ➢ **Recording:** Video / audio recording capability. Auto-recording feature on transaction start.
- ➢ **Live Audio/Video Monitoring:** monitor video and audio of cashier areas through browser.
- ➢ **Customization:** adjustable POS text font, text color, background color and text alignment on screen and video files
- ➢ **Transaction Database:** store all transaction data in Microsoft Access format for retroactive analysis.
- ➢ **Customer Flow Counting:** combined with GV main system, count incoming and outgoing customers or cars for customer statistics.
- ➢ **Smart Search:** pre-define a case-sensitive search area to pin point any suspicious shoplifter.
- ➢ **Dynamic IP Address Support:** save networking expenses; static IP supported as well.

Advanced Search & POS Field Filter

POS transaction history will be kept in the system log database

Search video files by transaction keywords

Search video files by transaction event

Object Search

Superimposed transaction data on the video recording

Compare transaction data to video event for identifying fraud or unintended operational error

Quick Search

BENEFITS

- **For Retail**
  - ✓ lower inventory and cash shrinkage
  - ✓ ensure a safer environment for employees
  - ✓ enhance loss prevention

- **For ATM**
  - ✓ Prevent ATM fraud
  - ✓ Provide visual evidence for transaction
  - ✓ Ensure a safer environment for transaction
  - ✓ Provide powerful search feature to review crucial events

- **For Access Control**
  - ✓ Help parking management reduce toll shrinkage
  - ✓ ensure access security
  - ✓ Facilitate integration with license plate recognition systems
  - ✓ Provide powerful search features to expedite dispute settlement

APPLICATIONS

- Convenience stores
- Retail stores
- Fast food restaurants
- Gas stations
- Grocery stores
- Parking lot toll booths…