

# VSI-PRO Epos Fraud Detection

- Reducing pilfering from cash register
- Reduce suspicious Transactions Such as 'Voids', 'No Sales' Etc.
- Identify rogue members of staff



**THE VSI-PRO SAVES YOU MONEY BY KEEPING IT IN THE TILL!**



The picture below shows, without a doubt, that not all items passed over the counter were entered into the cash register.

**HOW WOULD YOU KNOW  
WITHOUT THE VSI-PRO**



COLA 1.10  
LAGER 2.50  
TOTAL 3.60  
CASH 10.00  
CHANGE 6.40  
07-08-03 12:01  
TILL 0005 3956

**No.1  
CASH REGISTER  
INTERFACE IN THE WORLD!**



The VSI-PRO is a Video to Serial Interface. It overlays serial data to a video signal, typically from a cash register, but can be used for many other devices such as weigh bridges, speed cameras, cash counting devices, etc.

The VSI-PRO translates data from transactions at the cash register and overlays this information as text onto the video images from the CCTV system. This information is permanently embedded onto the images, and therefore cannot be tampered with. The combination of cash register data and CCTV images makes it easy to identify suspicious transactions such as the one on the left.

A quick review of the footage shows that this kind of transaction is easily discovered. Without the VSI-PRO this transaction would have gone undetected as neither a review of the CCTV footage or the till receipts alone would anyone have identified this.

In addition the VSI-PRO not only captures this information, but allows the user to set up alarms on specific transactions, products, or members of staff. These are then fully searchable and depending on the set-up, can be reviewed at the touch of a button without viewing hours of surveillance.

**PROVEN TO DRAMATICALLY  
REDUCE THEFT AT THE  
POINT OF SALE**

**COMPATIBLE WITH  
OVER 400 CASH REGISTERS**

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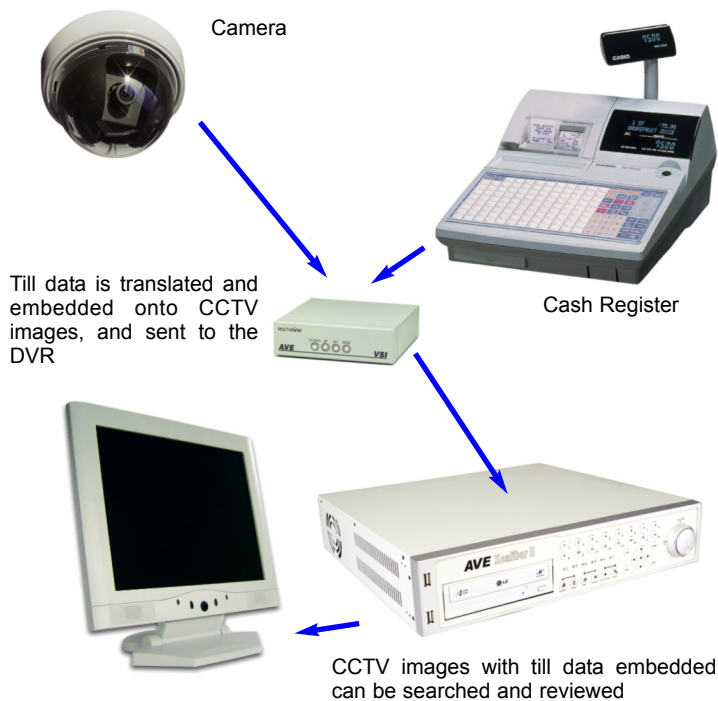
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## HOW DOES IT WORK?

Video images from the CCTV system go into the VSI-PRO. The camera selected typically watches the general cash register area including the register, counter, employee and customer.

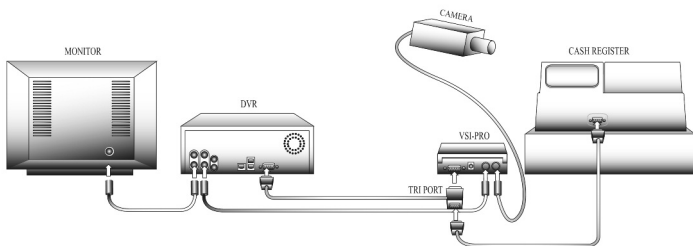
Transaction data from the cash register also goes into the VSI-PRO where it is filtered and translated into viewable 'receipt' type text.

The VSI-PRO then overlays this information onto the CCTV images and embeds it permanently so that it cannot be tampered with. These combined images and data are sent to the recorder for storage.

Images stored on the recorder can then be analysed using search criteria such as Staff Member, Alarms, Exceptions, Voids, or any other parameters set up by the user.

This is a basic system but multi-cash register systems can also be accommodated with the use of the AVE CashTrack DVR and AVE Networker which can handle numerous cash registers at the same time.

The VSI-PRO is compatible with over 400 different cash registers and Electronic Point of Sale devices, including all the top manufacturers.



## Advanced Functions

- Hardware data overlay (the data is added to the videoimage and cannot be removed)
- Built in support for over 400 different cash register and other devices.
- Built in history of suspect transactions such as 'Voids', 'No sales', 'Returns', and 'Sweet-Hearing'.
- Built in programmable hardware alarms control of external devices.
- Works with any recording device.
- Real time Filtering and Export to external devices such as a DVR
- Networkable via AVE network.
- Set-up done by simple on-screen menus..
- Easy set up (60% of set ups are plug and play).
- Large dealer network.
- Largest range of supported devices of any POS / cash register interface
- Alarms for suspect transactions.
- Ongoing development for new devices.
- Bespoke development for (registers/devices) or features not currently available.

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