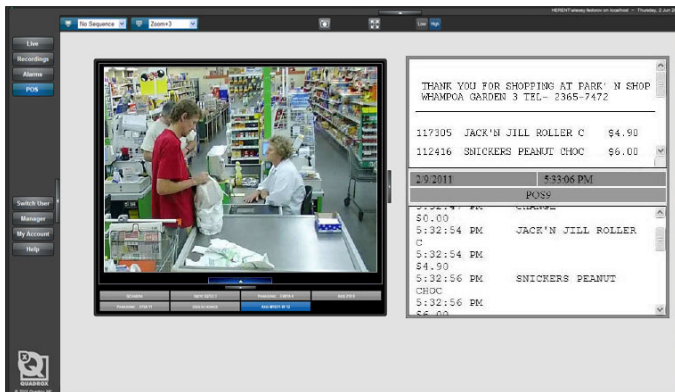# QPOS LINK
POS and Video Surveillance Data Synchronised

In 2011 retailers in Europe lost $43,737 billion, or 1.45% of their total retail sale. Moreover, 78% of this shrinkage was due to customer and employee theft.

QPOS Link Transaction Video

FIGHT SHRINKAGE – GAIN PROFIT
Protect inventory and maximise the bottom line!

Retailers lose billions of dollars every year because of shoplifting, employee theft, vendor fraud, administrative errors, vandalism, burglary and other crimes, most of which usually occur around Point-Of-Sale (POS) areas.

In order to deal with these problems efficiently, Quadrox developed QPOS Link, a specific video solution customised for the Retail Industry.

QPOS Link matches surveillance video of the area around POS with POS transaction data such as: receipt information, transaction IDs, item numbers, register numbers, employee numbers, location or amounts. It allows you to detect suspicious transactions and possible fraud scenarios and reduce shrinkage by organising efficient monitoring of the POS area.

Quick Return on Investment

According to studies, installation of video surveillance leads to reduced crime rates of up to 70%. An efficient auditing system like QPOS Link is a strong deterrent for employees and customers. It is designed to reduce shrinkage and increase profit and productivity.

QPOS Link is an analytical tool for detecting crime that does occur. It assists in automatically tracking suspicious transactions such as: cancellations, returned items, stolen credit cards, discounted items or manual entries.

QPOS Link allows store management to be present at multiple stores remotely any time from anywhere. The solution delivers a quick return on investment, often in less than a year, thanks to improved in-store management of day-to-day operations.

Long-Lasting Benefits

for any retail business

- Shrinkage reduction
- Increased productivity and staff confidence
- Quick return on investment
- Time-and money-saving solution
- Improved customer safety and satisfaction
- Efficient tool for close monitoring of assets
- Prevention of customer complaints and false claims
- Improved store management procedures

QPOS Link

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QPOS Link Scenarios

Sweethearting

Sweethearting is unauthorised giving-away of merchandise without charge to a "sweetheart" customer (e.g., friend, family, fellow employee) by the fake scan or ring-up of merchandise by the cashier.
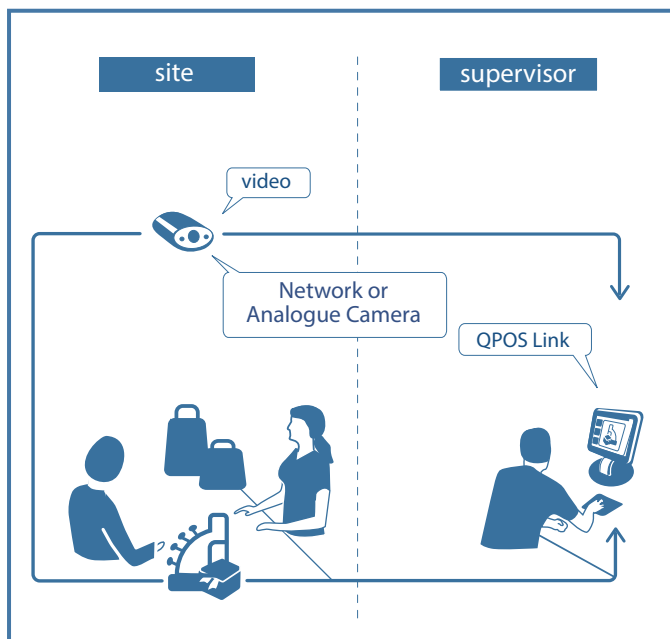
It can be easily detected and proven by linking POS transaction information and video footage.

Advertisement Fraud

Marketers invest a lot of money in in-store advertisement campaigns through the distribution of free product samples, gift items or discounts. Staff, intentionally keeping these benefits to themselves, destroy the whole purpose of the campaigns. Quick audit of these promotional product transactions with QPOS Link prevents this type of fraud.

Quality Assurance

QPOS Link allows for clarifying dubious transactions, such as voids, incorrect change, double scanning, returned items, etc.

Minimum QPOS Link Server Requirements

- PC with at least a 1.0 GHz processor

- MS Windows 7, 8.1 / MS WPOS / MS Server 2003-2012

- 1 GB Internal Memory

- 10 GB free disk space per camera for recordings

- Microsoft Internet Explorer 8.0, Microsoft DirectX9.0c,

   Windows Media Player 11 or 12, Windows Media Formats 9.0

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QPOS Link

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IT'S SO SIMPLE!

The following features make QPOS Link easy to use:

Synchronised Video and Transaction data

QPOS Link records video from security cameras located around the POS area. Linked video and transaction data are recorded onto the POS hard drive or back office server.

Line-by-Line Item Display

Items scanned by the cashier are displayed in the QPOS Link window in accordance with what is shown on the customer display.

Full POS Ticket Display

Full POS ticket is displayed in the QPOS Link window when the actual ticket is printed. It can contain customisable pre and post transaction time for better understanding and analysis of the situation.

Google-like Search Mechanism

Google-like search mechanism makes it possible to use the ticket information (receipt information, date, time, cashier number, transaction ID, register number, employee ID, location, etc.) as search criteria for the search and retrieval of the transaction of interest together with the corresponding video.

Easy POS Movie Export

POS movies can be exported to the external storage device together with the corresponding transaction data.

Live Monitoring and Recording

Live monitoring and 24 hour recording of the activities around POS. Simultaneous, remote viewing and playback.

Network and Analogue Camera Support

QPOS Link supports most types of network or analogue cameras, making it a flexible and completely future-proof solution.

Remote Access

Remote access, monitoring and configuration of the system.

Transaction Video Linked to Alarms

Linking corresponding video with each transaction allows easy and fast search and verification of suspicious transactions. It also makes it easy for QPOS Link to send an alarm warning to the specified location with both transaction and video data of the event.

Optimised Storage for Transaction Data

Different storage scenarios can be configured depending on customer business requirements. Relevant transaction data can be kept on the hard disk for as long as needed.

QPOS Link

POS and Video Surveillance Data Synchronised

QPOS Link supports POS systems of these
manufacturers but not limited to

Industry Standars Reduce Cost of Ownership

Use of IT standards considerably reduces the total cost of ownership of various Retail Industry solutions. It allows interoperability with other systems and gives retailers freedom to choose hardware and software suppliers for future purchases. The ability to "play the market" gives power to the retailer and eliminates dependency upon the supplier.

Support of standards makes QPOS Link particularly suitable for easy integration with other applications. QPOS Link, the most standard-based network video surveillance solution, is the only software on the market compliant with the following 10 IT standards.

10 IT STANDARDS

- Recording in ASF
- Variety of Standard Compressions Codecs
- OPC Based Alarm Handling
- SNMP (Simple Network Management Protocol)
- CAP (Common Alerting Protocol)
- UPnP (Universal Plug and Play)
- RTP/RTSP (Realtime Transport Protocol)
- Image Authentication using standard digital signatures
- NRF-ARTS IXRetail POSlog Standard
- ONVIF Profile S