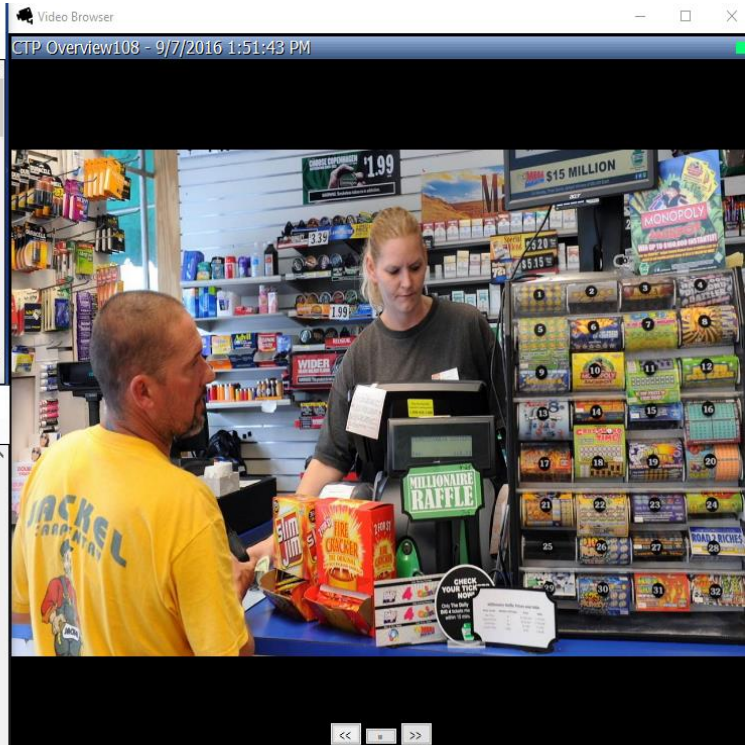# Audit Investigations
Point of Sale

- Unified Security monitoring and analysis platform makes XProtect the ideal head-end.
- Protect company assets by detecting fraud early in its development stage through analytics.
- Zero in on vulnerabilities where potential theft can occur:
  - Line item voids, employee discounts, no sales, coupon overrides & more
- User friendly audit investigation tools allow easy setup of transaction categories
- All POS transactions are time synchronized with all VMS surveillance video.
- Easily bring up multiple camera views of an event during forensic investigations
- Monitor POS activity locally as well as from a remote site at any time.
- Powerful Hypermedia Search tool links all POS text received with all stored VMS video.
- Select events from the audit spreadsheet to view the transaction and its associated video
- Export video evidence.

Audit Entries Table

Export Excel | Audit Events Filter | Video DB Export | Snap Shot | Add Camera | Set Event Status

Timestamp	Rule	Event	Description	Audit Status
9/7/2016 1:52:09 PM	ERR MSG	ERR MSG	ERROR: Discount amount t...	
9/7/2016 1:51:44 PM	ERR MSG	ERR MSG	ERROR: Credit authorizatio...	
9/7/2016 1:51:23 PM	ERR MSG	ERR MSG	ERROR: Void not allowed	
9/7/2016 1:51:08 PM	VOID	MI VOID	VOID: 1 SML DISH 2.50	
9/7/2016 1:50:03 PM	ERR MSG	ERR MSG	ERROR: Credit authorizatio...	
9/7/2016 1:49:43 PM	ERR MSG	ERR MSG	ERROR: Void not allowed	
9/7/2016 1:49:28 PM	VOID	MI VOID	VOID: 1 SML DISH 2.50	
9/7/2016 1:48:47 PM	ERR MSG	ERR MSG	ERROR: Discount amount t...	
9/7/2016 1:48:22 PM	ERR MSG	ERR MSG	ERROR: Credit authorizatio...	
9/7/2016 1:48:02 PM	ERR MSG	ERR MSG	ERROR: Void not allowed	
9/7/2016 1:47:47 PM	VOID	MI VOID	VOID: 1 SML DISH 2.50	
9/7/2016 1:47:06 PM	ERR MSG	ERR MSG	ERROR: Discount amount t...	
9/7/2016 1:46:41 PM	ERR MSG	ERR MSG	ERROR: Credit authorizatio...	
9/7/2016 1:46:21 PM	ERR MSG	ERR MSG	ERROR: Void not allowed	
9/7/2016 1:46:06 PM	VOID	MI VOID	VOID: 1 SML DISH 2.50	
9/7/2016 1:45:27 PM	ERR MSG	ERR MSG	ERROR: Discount amount t...	
9/7/2016 1:45:01 PM	ERR MSG	ERR MSG	ERROR: Credit authorization...	

Video Browser

CTP Overview108 - 9/7/2016 1:51:43 PM

POS Transaction Data Events Table

Export Excel | Snap Shot | Pause Video Sync

TimeStamp	Event	Description	Qty
9/7/2016 1:50:38 PM	MI	1 TRADBANANABOA 5.75	1
9/7/2016 1:50:43 PM	MI	20 FUDGEBOAT 115.00	20
9/7/2016 1:50:48 PM	SIGN IN	SIGN IN: John Doe	
9/7/2016 1:50:53 PM	BEGIN CHECK	BEGIN CHECK: 5052	
9/7/2016 1:50:58 PM	MI	1 SMLCONE 2.50	1
9/7/2016 1:51:03 PM	MI	1 SMLDISH 2.50	1
9/7/2016 1:51:08 PM	MI VOID	VOID: 1 SML DISH 2.50	
9/7/2016 1:51:13 PM	TOTAL DUE	TOTAL DUE: 5.00	
9/7/2016 1:51:18 PM	CSH DRWR OPN	Cash Drawer 1 Opened	
9/7/2016 1:51:23 PM	ERR MSG	ERROR: Void not allowed	
9/7/2016 1:51:28 PM	MI	100 SMLCONE 250.00	100
9/7/2016 1:51:33 PM	MI	100 SMLSODA 150.00	100
9/7/2016 1:51:38 PM	MI	1 TRADBANANABOA 5.75	1
9/7/2016 1:51:44 PM	ERR MSG	ERROR: Credit authorization server error	
9/7/2016 1:51:49 PM	TOTAL DUE	TOTAL DUE: 2523.50	
9/7/2016 1:51:54 PM	CSH DRWR OPN	Cash Drawer 1 Opened	
9/7/2016 1:51:59 PM	MI	100 SMLCONE 250.00	100

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Use audit event filter to choose events to be investigated

Select auditing categories: No Sale, Price Override, Refund and Void

Select the date and time of interest from drop down menu or just select today

Audit Events Filter

Audit Filter

Event Filter
- ○ All Transactions
- ○ All Exception Events
- ● Select Exception Event
- ○ Transaction Recalls

EMPLOYEE
NO SALE
PRICE OVERRIDE
PRODUCT DECLINE
REFUND
SAFE DROP
VOID

Date/Time Filter
- ○ All Dates
- ● Limit Date [Today] [Yesterday]
- From 12:00:00 AM To 11:59:59 PM
- 2016-08-01   2016-08-01

POS Transactions Table Time Limit
Select Minutes To Retrieve Prior To and After Event
20

Display Events Limit
- ● Limit 1000 ○

Select TerminalNumber
- ● All ○ Select TerminalNumber

Select OperatorId
- ● All ○ OperatorId#

[View]

Zero in on a selected terminals or view them all

Zero in on a selected cashier operator or view all

Audit Entries Table

Export Excel   Audit Events Filter   Video DB Export   Snap Shot   Add Camera   Set Event Status

Timestamp	Rule	Event	Description	Audit Status
9/7/2016 2:04:50 PM	ERR_MSG	ERR_MSG	ERROR: Void not allowed	
9/7/2016 2:04:35 PM	VOID	MI_VOID	VOID: 1 SML DISH 2.50	
9/7/2016 2:03:54 PM	ERR_MSG	ERR_MSG	ERROR: Discount amount t...	
9/7/2016 2:03:29 PM	ERR_MSG	ERR_MSG	ERROR: Credit authorizatio...	
9/7/2016 2:03:09 PM	ERR_MSG	ERR_MSG	ERROR: Void not allowed	
9/7/2016 2:02:54 PM	VOID	MI_VOID	VOID: 1 SML DISH 2.50	
9/7/2016 2:02:14 PM	ERR_MSG	ERR_MSG	ERROR: Discount amount t...	
9/7/2016 2:01:48 PM	ERR_MSG	ERR_MSG	ERROR: Credit authorizatio...	FALSE USE OF KEY
9/7/2016 2:01:28 PM	ERR_MSG	ERR_MSG	ERROR: Void not allowed	
9/7/2016 2:01:13 PM	VOID	MI_VOID	VOID: 1 SML DISH 2.50	
9/7/2016 2:00:08 PM	ERR_MSG	ERR_MSG	ERROR: Credit authorizatio...	
9/7/2016 1:59:47 PM	ERR_MSG	ERR_MSG	ERROR: Void not allowed	
9/7/2016 1:59:32 PM	VOID	MI_VOID	VOID: 1 SML DISH 2.50	
9/7/2016 1:58:52 PM	ERR_MSG	ERR_MSG	ERROR: Discount amount t...	
9/7/2016 1:58:27 PM	ERR_MSG	ERR_MSG	ERROR: Credit authorizatio...	
9/7/2016 1:58:07 PM	ERR_MSG	ERR_MSG	ERROR: Void not allowed	
9/7/2016 1:57:51 PM	VOID	MI_VOID	VOID: 1 SML DISH 2.50	

Select a Rule from audit entry spreadsheet, noting date and time of event.

POS Transaction Data Events Table

Export Excel   Snap Shot   Pause Video Sync

TimeStamp	Event	Description
9/7/2016 2:00:43 PM	MI	1 TRADBANANABOA 5.75
9/7/2016 2:00:48 PM	MI	20 FUDGEBOAT 115.00
9/7/2016 2:00:53 PM	SIGN_IN	SIGN IN: John Doe
9/7/2016 2:00:58 PM	BEGIN_CHECK	BEGIN CHECK: 5052
9/7/2016 2:01:03 PM	MI	1 SMLCONE 2.50
9/7/2016 2:01:08 PM	MI	1 SMLDISH 2.50
9/7/2016 2:01:13 PM	MI_VOID	VOID: 1 SML DISH 2.50
9/7/2016 2:01:18 PM	TOTAL_DUE	TOTAL DUE: 5.00
9/7/2016 2:01:23 PM	CSH_DRWR_OPN	Cash Drawer 1 Opened
9/7/2016 2:01:28 PM	ERR_MSG	ERROR: Void not allowed
9/7/2016 2:01:33 PM	MI	100 SMLCONE 250.00
9/7/2016 2:01:38 PM	MI	100 SMLSODA 150.00
9/7/2016 2:01:43 PM	MI	1 TRADBANANABOA 5.75
9/7/2016 2:01:48 PM	ERR_MSG	ERROR: Credit authorization server error
9/7/2016 2:01:53 PM	TOTAL_DUE	TOTAL DUE: 2523.50
9/7/2016 2:01:59 PM	CSH_DRWR_OPN	Cash Drawer 1 Opened
9/7/2016 2:02:03 PM	MI	100 SMLCONE 250.00

CTP Overview108 - 9/7/2016 2:01:47 PM

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A separate Transaction table is brought up once a rule is selected, and simultaneously video from the recorder is queued up just prior to the event ready to be viewed

Select play forward and watch video while transaction table above steps thru events. It's that easy.
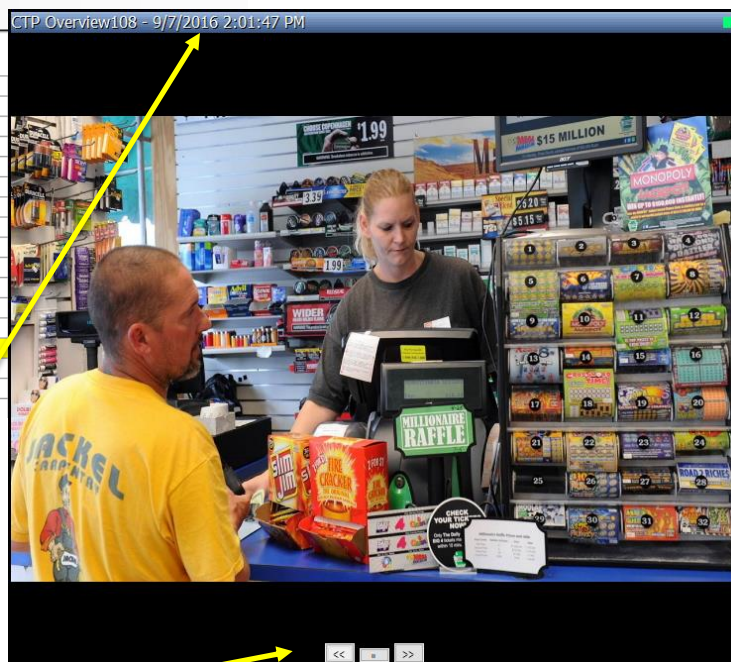
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