



What is the Difference Between 3VR and standard DVR POS Support?



3VR

3VR provides an intelligent and automated system that eliminates manual effort and automatically discovers suspicious activities. 3VR has an integrated database married to the video to allow advanced Point of Sale integration and search capabilities to help manage employee theft through your entire chain of stores.



Standard DVR

A standard DVR provides a basic mechanical system that requires extensive investigator involvement and cannot discover suspicious activities automatically. Most standard DVRs do not have a database and only record and play back video. A third party device is typically required for "text overlay" of the Point of Sale information, which only provides limited search functionality.

3VR can reduce shrink significantly more than a standard DVR can through intelligent Point of Sales and Exception based monitoring and reporting.

3VR offers two fundamental advantages over standard DVRs:

- 3VR eliminates manual searching for transactions, allowing investigators to solve many more cases in significantly less time.
- 3VR discovers exceptions customized to your security concerns, automatically notifying you so you can quickly and decisively eliminate internal theft issues.

3VR Versus Standard DVR POS/Exception Based Support

Functionalities	3VR	Standard DVR
Record Transaction Text	Yes	Yes
Search by Time	Yes	Yes
Search by Transaction ID	Yes	No
Search by Transaction Amount	Yes	No
Search by Text	Yes	No
Search by Employee ID	Yes	No
One Click Video Export of Transactions	Yes	No
Generate Alerts on Suspicious Transactions	Yes	No
Define Exceptions for Suspicious Patterns of Transactions	Yes	Yes (Minimal Alerts)
Generate Exceptions for Suspicious Pattern of Transactions	Yes	No
Email Reports of Exceptions	Yes	No
Video Linked to Exception Reports	Yes	No



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Record Transaction Text

Both 3VR systems and standard DVRs record transaction text. Standard DVRs, however, overlay the text on the video like you might see on your TV. 3VR not only displays the text on screen but it also indexes the POS information in a database so you can search for it like you would on Google.

Search by Time

Both systems allow for searching by time.

Search by Transaction ID

Only 3VR allows searching by transaction ID. Let's say you have an issue with a specific transaction. With 3VR you can simply type in the ID, press return and you will automatically go to the video of that specific event. With a standard DVR, you would have to manually search and scan the video by time/date. If the time of the DVR was slightly off from the transaction, it could take some time to find the correct transaction.

Search by Transaction Amount

Only 3VR allows searching by transaction amount. If you know the amount or if you are concerned with transactions less than or greater than an amount, you can simply enter it and get a summary of all the transactions that match. This lets you quickly assess patterns and eliminate manual review. With a standard DVR, you would have to watch all the video and figure out patterns yourself.

Search by Text

Only 3VR allows searching by text in all fields as well as for text within specific POS fields. You can enter any phrase and automatically generate matches. For instance, if you are concerned by transactions with the word "VOID" or other important keywords, simply enter it to review all the times that phrase was present in a transaction. With a standard DVR, you would have to watch all the video to see if the words appear on-screen.

Search by Employee ID

Only 3VR allows searching by employee ID. You can enter the employee's ID and see all the transactions she conducted on a certain date or time range. You can also specify text or transaction amount range to quickly identify high risk transactions. With a standard DVR, you would have to find and play the video of all the employees' activities.

One Click Video Export of Transactions

3VR automatically provides you with a complete video clip of every transaction. You can simply export the video onto a CD or email the event. With a standard DVR, you need to manually specify the beginning and end.

Generate Alerts on Suspicious Transactions

Only 3VR allows you to specify and generate alerts on suspicious transactions. 3VR lets you define conditions that trigger alerts. You can set up alerts based on the dollar amount range, the text present in the transaction, the employee ID, the time of day, etc. These alerts can be emailed or displayed to any 3VR client. Minimal alerts are possible with a standard DVR.

Define Exceptions for Suspicious Patterns of Transactions

Only 3VR allows you to define patterns of transactions to be tracked. For instance, if you have a business rule that no more than 3 VOIDS should be registered per day per register, 3VR can automatically track that for you. Numerous exceptions can be defined. A standard DVR does not support any exception reporting.

Generate Exceptions for Suspicious Pattern of Transactions

Only 3VR generates exceptions for suspicious patterns. On all of the patterns you define, 3VR will track and periodically generate exceptions that meet those patterns. A standard DVR does not support any exception reporting.

Email Reports of Exceptions

Only 3VR emails exceptions of reports. Emails can be sent on a schedule (e.g., once per day) or on demand as needed. Emails can be sent to multiple users and the mailing list can be changed as needed. Standard DVRs do not support any exception reporting.

Video Linked to Exception Reports

Only 3VR links video clips to exception reports. When investigators receive reports they can immediately review the video associated with suspicious patterns. This allows them to quickly and decisively verify the issue. Standard DVRs do not support any exception reporting.

