

Questions to ask to determine if SmartPIT™ can be sold to work with the ECR/POS Device?

Key points-

- Connection to the register may involve custom cabling that the installer will have to create. The SmartPIT comes with an accessory kit with cables and connectors for typical install requirements but not all install cable possibilities.
- At any point HVS technical service can assist in determining sales requirement and technical interface requirements
- If HVS Technical Service is unable to assist contact the HVS Data Management Product Manager for the next step
- If a solution using SmartPIT is currently not available one may be able to be developed. This depends on the size of the sales opportunity for HVS. Determining this size would include number of HVS DVR's , Camera's , SmartPIT's and other HVS equipment. If the opportunity is large enough the solution may be developed, contact the HVS Data Management Product Manager to assess and prioritize this ,

Step 1 Do they want to store transaction data with Video?

1. Do you want to store ECR or POS transaction data with Video?

Yes-Continue to question 2

No-SmartPIT solution not required

2. Do you want to be able to search on specific transaction text ? (void,Item,no sale , etc)

Comment--transaction data will be separated from Video and stored on a HVS DVR or IDM .The DVR or IDM can search on specific words such as Void, No Sale, Item Name, or other

Yes- Potentially Can use SmartPIT or 1030 and store text on DVR OR IDM, a DVR will be needed to record Camera Video –**Continue to Step 2**

No -Potentially Can use SmartPIT or 2066 and burn Text into the video signal, this is the older method of storing text with Video. The disadvantage of this method is the DVR or IDM will not be able to store the text data separately and will not be able to search for specific transaction information such as void, no sale, Pop, or any specific item. **Continue to Step 2**

Step 2 Will the client cash register (ECR/POS) work with SmartPIT?

1. What Kind of Electronic Cash Register or Point of Sales Station is it? Check Sales Tool SmartPIT ECR Compatibility List, Does ECR/POS match?

(The client may have to look at the bottom of the register)

Manufacturer _____
Model # _____

Yes -SmartPIT may work , check sales solution column for details of what to sell or next step

No -SmartPIT may work, further assessment is required continue to question 2

2.Each time an item is scanned or entered by the cashier are real time live transaction items printed out on a local individual printer for each cash register?

Note-Clients generally prefer real time transaction data, this means each time an item is entered by the cashier and enter pressed , that transaction prints immediately on the printer. The DVR can record Video of the Cashier in real time entering items and show video and text of each item entered as it happens, if the Cashier Keys POP \$ 24.99 there will be real time camera video of what is on the counter and real time text data displaying what the cashier keyed in.

Some Registers only send the transaction data to the printer at the very end after all items have been entered by the cashier and the cash drawer has been opened, this is not real time data, some times this is acceptable by the client, if not we look for another way to get real time transaction data in the following questions using the poll display, journal port, or other method

Yes-SmartPIT may work, if connection from register to printer is RS232 ASCII, then SmartPIT can be used .One SmartPIT is required per register Continue to question 3

No-Continue to question 5

Unknown –Continue to question 3

3. Is the Printer separate / external of the Cash register or POS station?

Yes- printer is external –SmartPIT might work continue to question 4

No- printer is internal - SmartPIT might work continue to question 4

Note-Some Registers have the transaction printer built into the register, this is more difficult for an installer to do a data Tap off to the SmartPIT, but can be made to work

4. Is the connection from the register to the printer RS232 using ASCII Characters?

Yes -SmartPIT will work, client will need one SmartPIT per register

This is one option , this will require a Y cable tap off the connection to the printer

Another Option could be if the POS/ECR has a journal serial port (question 5) ,Call Display Question 6,

No-continue to question 5

Unknown-

Have the Client try to get this information, if they cannot ask them for the following information, and **Contact HVS technical support for assistance**
(They may have to look at the bottom of the printer)

Printer Manufacturer _____
Printer Model # _____
Printer connector _____
Printer Manual _____

5. Is there a local journal port or security port or extra port on each individual register that can be enabled to send out real time transaction data?

Yes-SmartPIT potentially can be used, see question 5A

No-Continue to question 6

Unknown-The Client needs to try to get this information , otherwise Contact HVS technical Support for Assistance

5A Is the connection from the register out the journal port RS232 using ASCII Characters?

Yes -SmartPIT will work, client will need one SmartPIT per register

Other Options may include if the POS/ECR has a Printer (question 2), journal serial port (question 5) ,Call Display Question 6,

No-continue to question 6

Unknown-

The Client needs to try to get this information, otherwise contact HVS technical Support for assistance

6. Is there a Call display or Poll display on each Individual Register or POS station?

Note- a Call Display or Poll Display typically sits on a Poll about 2 feet high at the Cashier register, it has two lines of display of about 20 characters each, as the Cashier rings up items the item and price appears on the Poll display in real time and changes each time a new item is rung up.

Yes- SmartPIT potentially can be used, see question 6A

No -Continue to question 7

6a.- Is the connection from the register to the call display or Poll display RS232 using ASCII Characters ?

Yes -SmartPIT will work, client will need one SmartPIT per register

Other Options may include if the POS/ECR has a Printer (question 2), journal serial port (question 5) ,Call Display Question 6,

No-continue to question 7

Unknown-

The Client needs to try to get this information, otherwise contact HVS technical Support for assistance

7. Are transaction slips printed out on a common remote printer for multiple different cash registers?

Yes-Currently not supported by SmartPIT, if opportunity is large enough software could potentially be created to support this feature, Contact the HVS Data Management Product Manager

No-Continue to next question

8. Is transaction data sent to a remote IP address?

Yes- Currently not supported by SmartPIT, if opportunity is large enough software could potentially be created to support this feature, Contact the HVS Data Management Product Manager

No-Contact Technical Support or Data Management Product Manager for Next step