VectorPLUS Consumption Ordering

VectorPLUS to PixelPoint using EOI

Publication Details

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Patents

The following patents apply to some areas of functionality within the PixelPoint software suite: Pat.

6,384,850; 6,871,325; 6,982,733; 8,146,077; 8,287,340

Revision History
2015-11-30 - Revision 0
Initial Release

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Overview:

PAR has created an agent which will run on the POS server and listen for closing responses from the Vector Plus bowling scoring system.

When the Vector Plus bowling system closes a lane a XML with the details of the activities that occurred on that lane are sent to PixelPoint.

The created agent will then parse the XML and order, and payout, the bowling consumption products in the POS

The Agent

The agent created is called "Vector2pixel.exe" this file must be copied to the PixelPOS folder on the POS Server, and launched from that location.

Create a shortcut to this exe and add this shortcut to the startup folder on the POS Server.

Once launched the user interface consists of two configuration tabs; Pixel and Vector

The agent will, upon launching start listening on the configured port. If the configuration is changed, first save your settings and then exit and re-launch the agent to start listening on the new settings.

The listen button will be greyed out if the listener is active. If the agent is not able to obtain the configured port you can re-start the listening process by clicking the listen button. Also, if the agent isn't listening the colored icon beside the port number will be grey.

When actively listening the colored icon is yellow

Pixel Configuration Tab

Payment Method Setup

A new payment method must be created at HeadOffice and replicated to each center. This new payment method must be set to "External Authorization".

> Note: External Authorization payment methods will not appear in the list of available payment types on the finish screen

Report Category Setup

A new report category must be created at HeadOffice and replicated to all centers. All consumption products, created in later steps, will be assigned to this new report category. This new report category will be used for filtering purposes only when selecting the consumption products.

Ensure that the new report category has the Summary Group of "Bowling", there is "No Printer" in the default print location field and that no taxes are selected in the default taxes for group section.

Listening Port Setup

A TCP port will be setup on the Vector Plus side to send the XML to PixelPoint when the lane is closed. This port number will be obtained from Vector as the sending port must be the same port PixelPoint will be listening on.

Vector Configuration Tab

The vector configuration tab consists of mapping the results of the XML received from Vector to products created in PixelPoint. Upon closing of the lane in Vector, PixelPoint will then order the associated products to record the consumption.

All of the required products, to be created below should have the Vector report category assigned, and no price.

Frames Section

For the frames section products must be created at HeadOffice and replicated to all centers for each of the XML nodes in this section.

Consumed – Frames, Unsequenced – Frames, Erased Frames, and Adjusted – Frames products should each be created

Minutes Section

For the minutes section products must be created at HeadOffice and replicated to all centers for each of the XML nodes in this section.

Consumed – Minutes, Walkdown – Minutes, Shutdown – Minutes, Hold – Minutes, and Unused – Minutes products should be created.

Bowled Items Section

For the Bowled Items section products must be created at HeadOffice and replicated to all centers for each of the XML nodes in this section.

Actual Bowlers and Deleted Bowler products should be created

Map Vector and PixelPoint Products

Once all the needed products have been created use the drop down selector to match the correct Vector product to the PixelPoint product in the drop down list.

The list of available PixelPoint items will be filtered on the report category created earlier in these instructions.

Note: After mapping each section ensure you SAVE your work by clicking the save button in the bottom left of the Vector2Pixel screen.

Running the Agent

Once all products have been mapped and saved start the agent The Agent will start listening for XML requests on the configured port. If no errors occur the agent will minimize to the system tray and remain there while running.

While in the system tray the icon looks like this

Right clicking on the icon allows the user to 'show' the configuration screen or 'exit' the agent.

If 'exit' is selected by either the exit button on the configuration screen or by right clicking the icon the user will be prompted with a "Are You Sure" message.

Note: if the agent has been exited no orders will be processed and won't be re-ordered once the agent has been restarted.