PixelPoint®

Azpiral Integration

Publication Details

Revision History

6/15/2016 – Revision 0
Initial Release
7/16/2016 – Revision 1
Updated Functionality & Screenshots

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Azpiral Integration

Overview

This integration allows for Azpiral Loyalty to be utilized within the PixelPoint POS.

Supported Functions

- Return
- Reload
- Balance
- Loyalty
- Redeem Offers
- Redeem Spend
- Redeem Points
- Receipts

Requirements

- POS.exe v. 12.3.12 or higher
- .NET Framework v. 4.0
- PBLWrapDLL.dll (copy into folder C:/PixelPOS)
    - Provided by Azpiral
- NLog.dll (copy into folder C:/PixelPOS)
    - Provided by Azpiral
- Azpiral.dll v. 12.3.14.3 (copy into folder C:/PixelPOS/DLLS)
    - Provided by PixelPoint

> **Important**: Before beginning with setup and configuration, ensure that the files *PBLWrapDLL.dll, NLog.*dll and *Azpiral.dll* have all been copied into their respective folders.

Policies

Enable the following policies in BackOffice:

- SecureBarMode
- UseCustomPayment

> **Note:** The POS must be restarted for newly enabled policies to take effect.

Setup and Configuration

1. In BackOffice>General Setup>Coupon Setup, create a new coupon.
2. In the *Description* field, name the coupon.
3. Check the box **Manually Entered Description.**
4. In the *Type of Coupon* field, check **Manual by Amount**.
5. In the *Coupon* field, check **Applies to all categories**.
6. Check the box **Allow other category coupons**.

7. Save the coupon and close the form.
8. In BackOffice>Administrator>System Setup, select the **Defaults** tab.
9. Click the button **Default Coupon**.
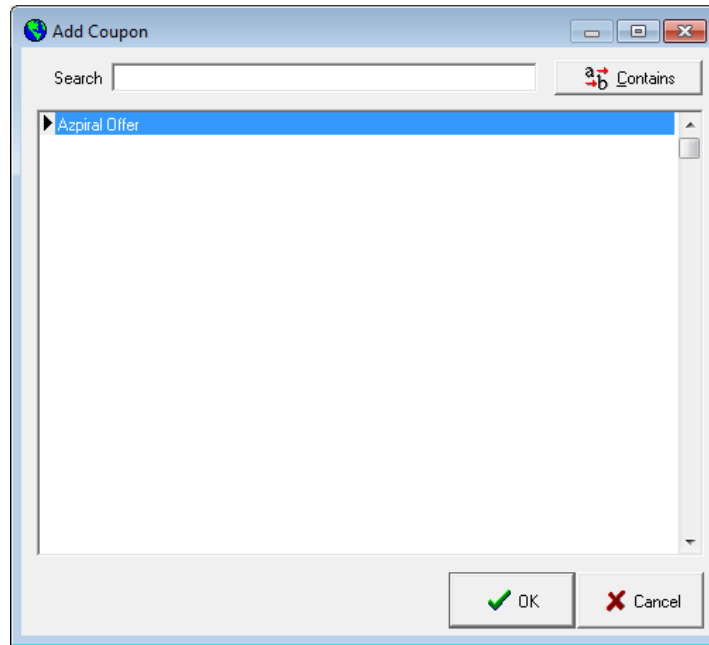
10. Select the newly created coupon from the resulting window.
11. Click **OK**.
12. The **Default Coupon** button should now show the name of the selected coupon.
13. Click the **Advanced** tab.
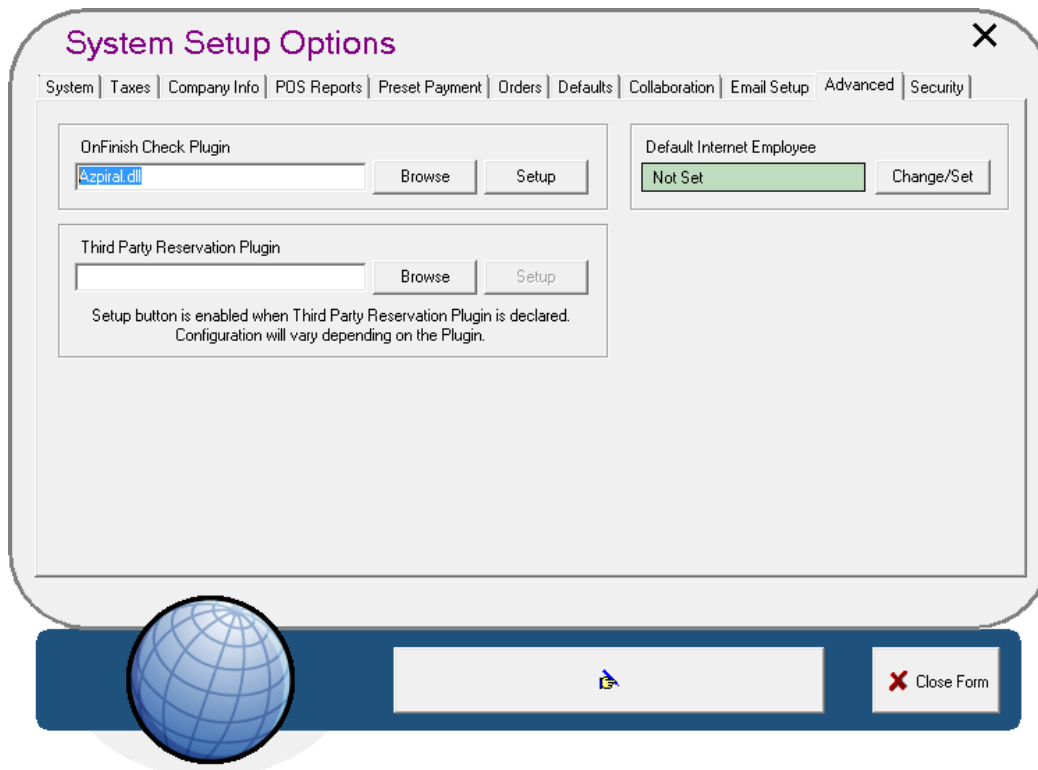
14. Beside the *OnFinish Check Plugin* field, click the **Browse** button.
15. Load the file *Azpiral.dll* from the folder *C:\PixelPOS\DLLS*.
16. Close the form.

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17. In BackOffice>Administrator>Payment Method Setup, create a new method of payment.
18. Name the new payment type 'Azpiral'.

19. Set the Payment Type to **Custom**.
20. Check the box **Sale Auth (No PreAuth)**.
21. Click the **Advanced** tab.

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22. Check the boxes **Do not ask for swipe** and **Do not show in POS payment list**.

23. Uncheck the boxes **Allow Voids** and **Do not show in Gift Card list**.
24. Beside the *Custom DLL* field, click **Browse**.
25. From the file *C:/PixelPOS/DLLS* load the file *Azpiral.dll*.

26. Click the **Setup** button.
27. In the Azpiral section of the Configuration window, enter the Azpiral-provided **Account ID**.
28. The **Manual Entry Support** drop-down menu contains three options:
    - Numeric – allows card swipe as well as the manual entry of only numeric characters.
    - Alphanumeric – allows card swipe as well as the manual entry of all characters.
    - None – allows card swipe only.
    - For more information, refer to the Manual Entry section in this document.

29. Check the box **Log Request and Response XML** if you want to log the XML generated by Azpiral during request-response calls for technical support purposes.
30. In the PixelPoint section, ensure Azpiral is selected in the **Method of Payment** drop-down menu.
31. Check the box **Print Receipts** if you want Azpiral loyalty consumption and balance information to be included on the PixelPoint receipt after each transaction.
32. Check the box **Log Request and Response XML** if you want to log the XML generated by PixelPoint during request-response calls for technical support purposes.

Product Setup

1. In BackOffice>Products>Product Setup, create a new product.
2. Complete the boxes *Description* and *Printed Description*.
3. In the field *Price A*, enter a price for the item. Multiple pricings is supported, if desired.
4. Repeat steps 1-3 for each additional product you wish to set up.

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Finish Form Setup

In order to use Azpiral Loyalty, three new function buttons are required on the Finish Form. To add them:

1. Go to BackOffice>Administrator>Form Designer and open the Finish Form.
2. Select and open the Finish Form that is currently in use.
3. Add three new TPixelFunctionBtn controls to the form template.

4. For button number 1, set the *FunctionType* to ftOrder, *FunctionName* to BalanceInquiry, and the *Caption* to the text you would like displayed on the button (ex. Azpiral Card Balance).
5. For button number 2, set the *FunctionType* as ftCustomDLL, set the *FunctionID* to 100, and set the *Caption* to the text you would like displayed on the button (ex. Take Azpiral Offers).
6. For button number 3, set the *FunctionType* as ftCustomDLL, set the FunctionID to 101, and set the *Caption* to the text you would like displayed on the button (ex. Earn Points with Azpiral Card).
7. For button number 4, set the *FunctionType* as ftPayment, *FunctionName* as the method of payment configured earlier (Azpiral), and the *Caption* to the text you would like displayed on the button (ex. Refund with Azpiral Card).
8. Save the Finish Form and exit.

Tip: To easily match the style to the buttons already on the form, copy and paste an existing button.

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Using Azpiral

Refund

In order to refund Azpiral transactions, an additional button is required on the Order Form. To add this button:

1. Go to BackOffice>Administrator>Form Designer and open the Order Form.
2. Create a new function button.
3. Set the *Caption* field to **Return Entire Transaction**.
4. Set the *FunctionType* field to **ftOrder**.
5. Set the *FunctionName* field to **Return Entire Transaction**.
6. Save your changes and exit the form.

| FunctionName	Return Entire Transaction
FunctionType	ftOrder

To refund a transaction paid for with an Azpiral card:

1. On the order form, click the newly added **Return Entire Transaction** button.
2. Enter the number of the transaction to be refunded.
3. Click [OK]. The Finish Form will open the transaction.

> **Note:** Use the **Payments** button to confirm the payment method used for a given transaction before completing a refund to ensure it is being refunded using the same method as was used to pay for it.
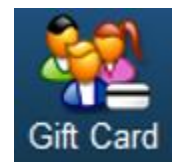
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4. Click the newly added **Refund with Azpiral** button.
5. Swipe the Azpiral card. A window will appear confirming that the refund was successful and showing the new balance of the card.
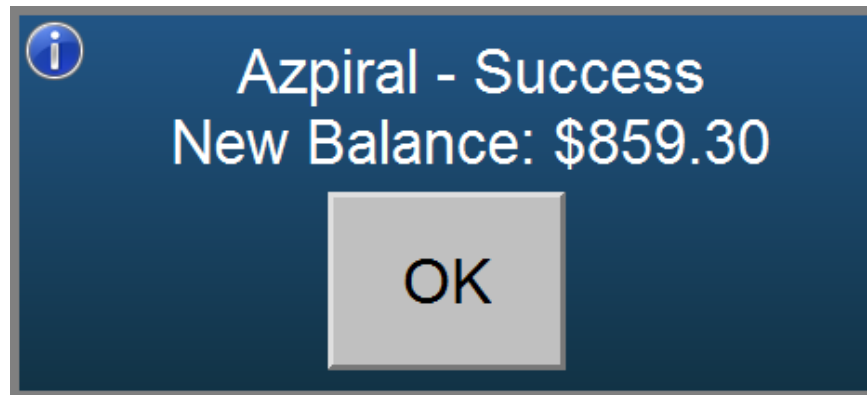
Reload

To add funds to an Azpiral card:

1. From the Finish Form, click the Gift Card button.
2. In the resulting window, select the amount of funds to be added. Click the **Enter Amount** button to manually enter an amount.
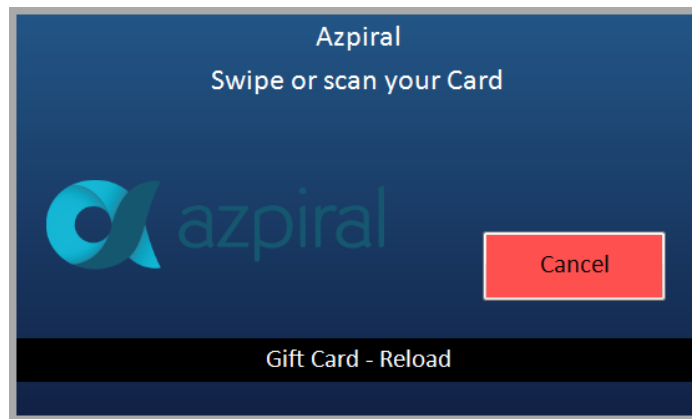

3. Select **Reload**.
4. Press the **Add New** button to add the selected value to the Summary field on the right.
5. Click the **Finish** button after confirming the amount to be added is correct.

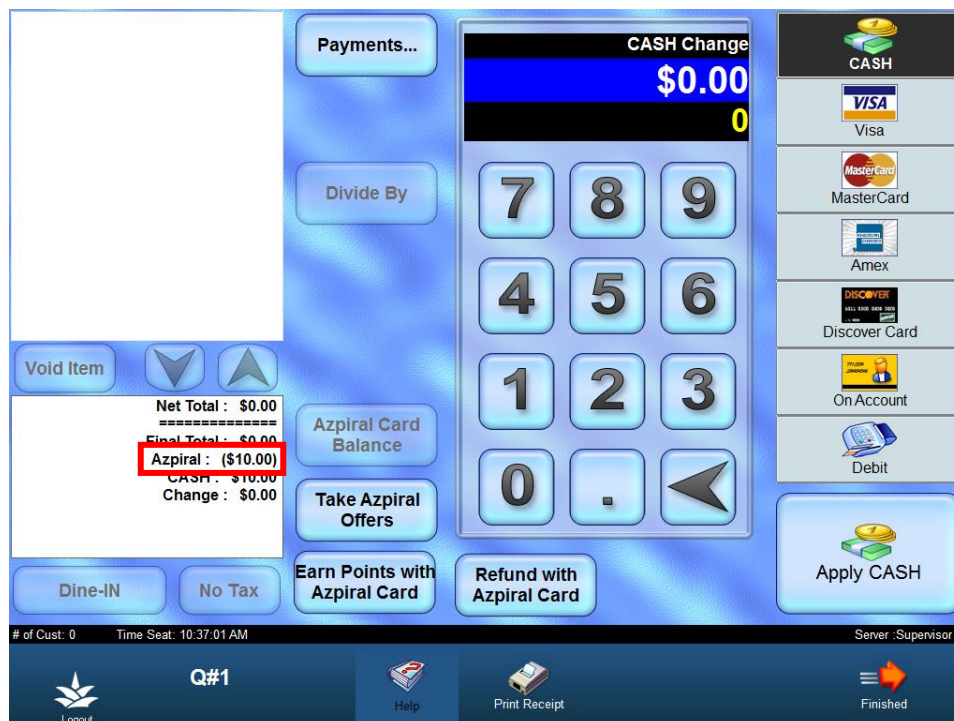Copyright © ParTech, Inc. 2016. All Rights Reserved   07/16/2016

6. Swipe the Azpiral card when prompted.

7. If the transaction is successful, a window will appear confirming the transaction and displaying the new balance of the card.
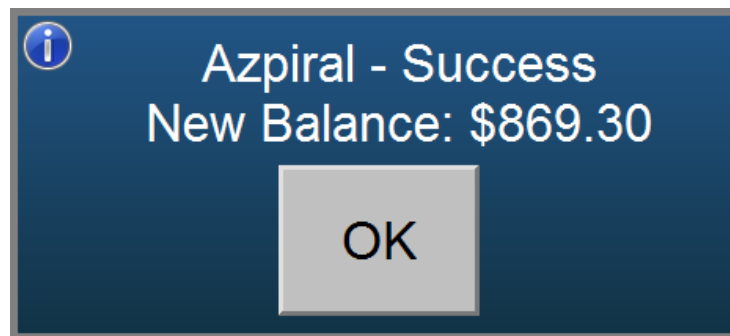
8. In the Finish Form, select a method of payment and collect payment for the funds loaded onto the card.

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Balance

To check the balance of an Azpiral gift card:
1. From the Finish Form, click the newly added button **Azpiral Card Balance**.
2. Swipe the card.
3. A window will appear displaying the balance of the gift card.

> **Note:** It is recommended to always Take Up Offers first before moving on to Spend Amount or Redeem Points

Take Up Offers

To redeem offers using an Azpiral gift card:

1. Create an order with any type of items. This can be a mix of items both with and without Azpiral offers.
2. On the Finish Form, click the button **Take Azpiral Offers**.
3. Swipe the Azpiral card. The following window, containing four sections, will appear:

- Section 1 contains transaction, member and balance information.
- Section 2 contains a list of offers available for the current order.
- Section 3 contains a full list of items in the current order.
- Section 4 contains a summary of information for the current order.

Any *Loyalty Discounts* available for the current order will be shown in Section 4 beside a heading of the same name. Available Loyalty Discounts will be automatically applied to the total as shown at the bottom of Section 4.

4. In Section 2, select offers to redeem for this order by checking the box beside each product in the Take Up column.

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5. Change the quantity for each item by clicking the number in the Qty column and entering a value in the keypad. A maximum number will be shown, if applicable.

6. Click **OK** when finished.
7. Repeat steps 4-6 for each additional product.
8. When the desired products and quantities are selected, click the button **Take Up Offers**. The selected offers will be applied to the order and removed from the list in Section 2.

The total discount accumulated from taking up offers will be displayed beside the heading *Standard Offer Discounts* in Section 4.

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Spend Amount

Orders can be paid for using the **Spend Amount** button. To pay for an order using existing funds on an Azpiral card:

1. Click the button **Spend Amount**.
2. Type the amount to be applied to the order.
   - The *Max* value displays the amount required to settle the transaction if enough funds are available on the card. If sufficient funds are not available to settle the entire order, the *Max* value will display the current balance on the card.

3. Click [OK]. The amount selected to apply to the order will be displayed in Section 4 beside the heading *Spend*.

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Redeem Points

To redeem points:

1. Click the button **Redeem Points**.
2. Enter the amount of points to be redeemed.
    *   The *Max* value displays the amount required to settle the transaction if enough points are available on the card. If sufficient funds are not available to settle the entire order, the *Max* value will display the current balance on the card.
3. Click [OK]. The value of points being redeemed is shown in Section 4 next to the heading *Points Value Redeemed*.

Note: 100 points = £1

Click the **Cancel** button at any time to void all applied discounts and return to the Finish Form. Click the **Start Over** button at any time to void all applied discounts and stay on the Azpiral window.

Once all discounts have been selected, click **Complete** to return to the Finish Form and apply the selected discounts to the order. All discounts are highlighted in green on the Finish Form.

Once the discounts have been applied, it is not possible to return to the Azpiral window. Clicking the **Take Azpiral Offers** button a second time after applying discount will return the following error:


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Manual Entry

Depending on the settings chosen during setup, it may be possible to manually enter an Azpiral card number manually. The Manual Entry Support section of the Azpiral Configuration window contains three options:

1. None – allows card swipe only.
2. Numeric – allows card swipe as well as the manual entry of only numeric characters.
3. Alphanumeric – allows card swipe as well as the manual entry of all characters.
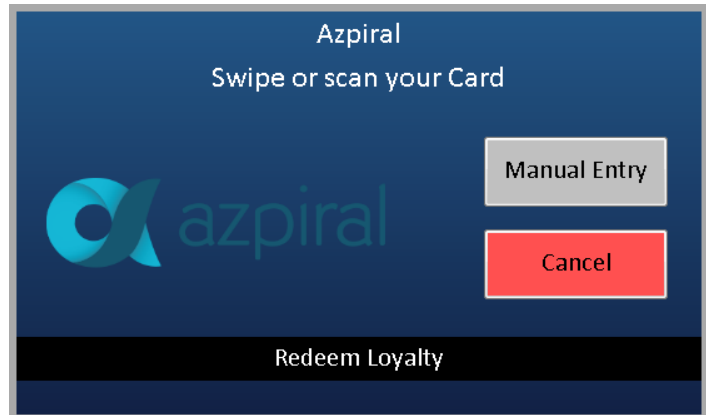
If the Numeric or Alphanumeric options are chosen, prompts to swipe or scan an Azpiral card will also include a button to manually enter the card number.

If Numeric is selected under the Manual Entry Support section, clicking the **Manual Entry** button will cause a numeric keypad to appear. Use this to manually enter the card number.
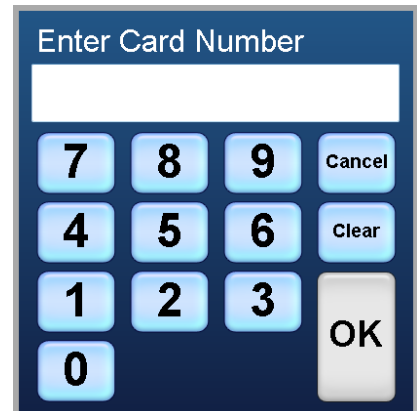
If Alphanumeric is selected under the Manual Entry Support section, clicking the **Manual Entry** button will cause a full keyboard to appear on screen. Use this to manually enter the card number.

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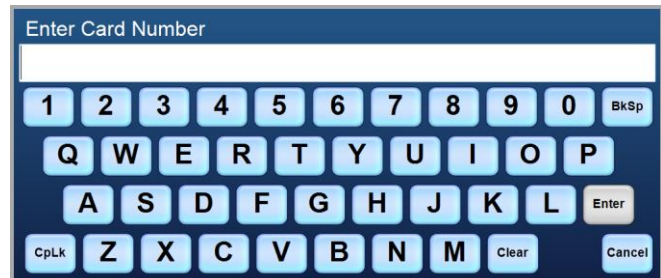
Receipts

If the option to Print Receipts was selected during the setup process, the POS will build a receipt that includes Azpiral consumption and balance information. If the Print Receipts option is not checked, a normal POS receipt will be generated.
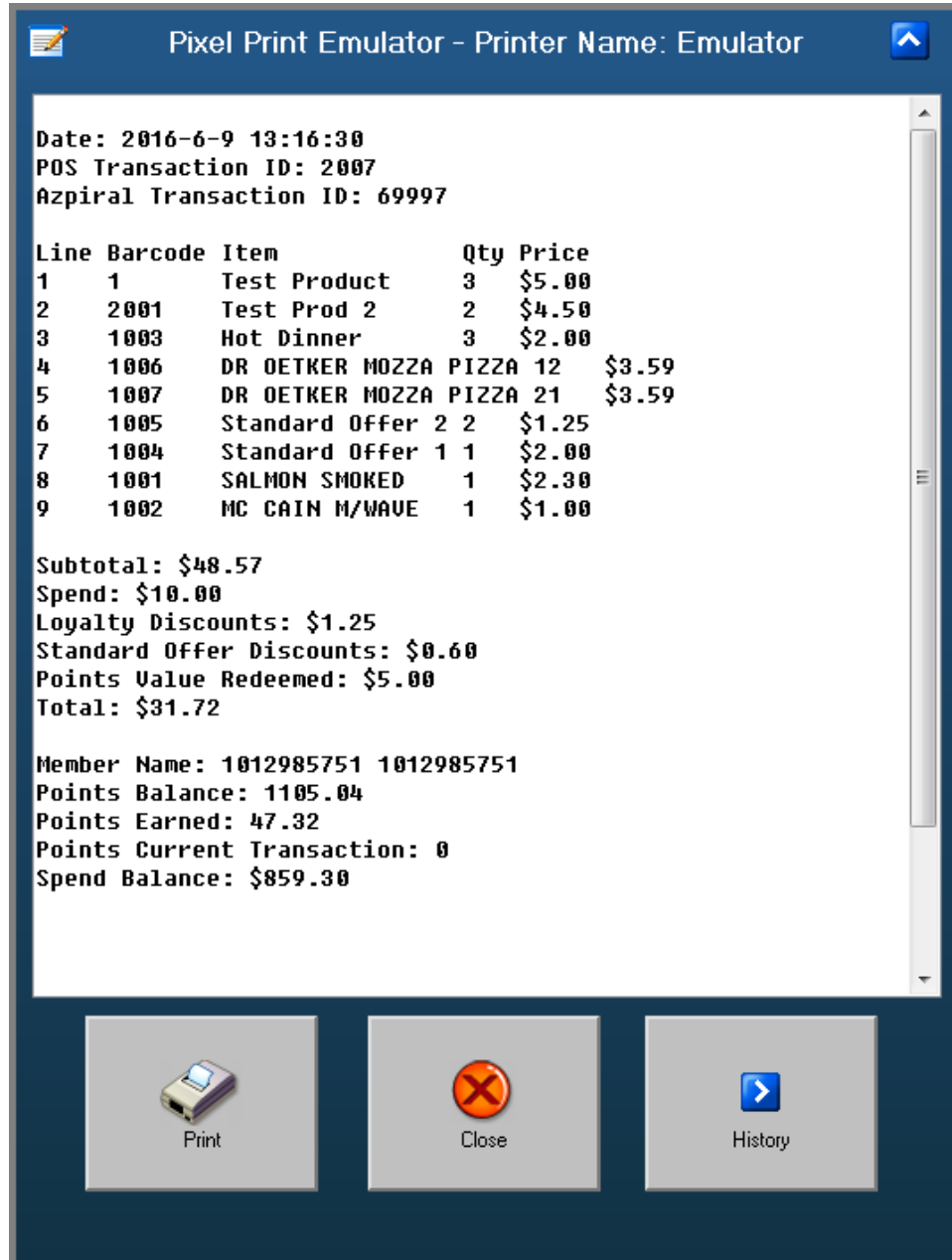
```
Pixel Print Emulator - Printer Name: Emulator

Date: 2016-6-9 13:16:30
POS Transaction ID: 2007
Azpiral Transaction ID: 69997

Line Barcode Item            Qty Price
1    1       Test Product     3  $5.00
2    2001    Test Prod 2      2  $4.50
3    1003    Hot Dinner       3  $2.00
4    1006    DR OETKER MOZZA PIZZA 12  $3.59
5    1007    DR OETKER MOZZA PIZZA 21  $3.59
6    1005    Standard Offer 2 2  $1.25
7    1004    Standard Offer 1 1  $2.00
8    1001    SALMON SMOKED    1  $2.30
9    1002    MC CAIN M/WAVE   1  $1.00

Subtotal: $48.57
Spend: $10.00
Loyalty Discounts: $1.25
Standard Offer Discounts: $0.60
Points Value Redeemed: $5.00
Total: $31.72

Member Name: 1012985751 1012985751
Points Balance: 1105.04
Points Earned: 47.32
Points Current Transaction: 0
Spend Balance: $859.30
```

Print   Close   History