

# CardPointe Surcharge Processing Integration Setup

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This feature requires additional pricing and setup in Navusoft.  
Please **Submit a System Customization Request Ticket** for cost estimate and configuration timeline.  
Thank you!

Integration with CardPointe's [Merchant Surcharge Program](#) is available as an alternative Navusoft's "processing fee" feature. This integration shifts the management of credit card processing fees to CardPointe, eliminating the need to track these fees manually. After enrollment, the CardPointe gateway handles the math automatically. When a customer uses a credit card, the credit card fee will automatically be added to the payment screen in Navusoft.

This article is focused on the **impact** and **benefits** of enabling the CardPointe Surcharge Processing integration and the **setup** required.

## Impact of Using CardPointe Surcharge Integration

After the Cardpointe Surcharge integration is enabled, the processing of credit card fees is handled entirely by Cardpointe. From a user interface perspective, the direct impact is minimal. The impact is focused on the processing behind the scenes in Payment Workflows and how Surcharges are calculated when a credit card is used.

### Surcharge Processing Fees

With the feature enabled, surcharges are automatically, dynamically, and **always** applied to credit card payments through the CardPointe gateway.

### Accounting and AR History

From an accounting perspective, the Surcharge amount will **not** be incorporated into the Accounts Receivable processing. That is, the customer will be charged the credit card surcharge, but it will not show in the transactional AR History within Navusoft.

### Visibility

The charge will be seen in Navusoft at the payment level but after payment, the surcharge fee is not tracked in Navusoft UI. This primarily affects AR History: the surcharge paid by the customer will not be visible on their statement, nor the transaction history. Instead, this fee will appear on the customer's credit card statement as a separate transaction.

### Settings Update

Because the surcharge is always applied, the **Exclude from Payment Processing Fee** setting that currently exists on the *Account > Edit > Setting* tab is no longer applicable and will be hidden when CardPointe Surcharge Processing is enabled.

### Surcharge Calculation

When a payment is processed through the CardPointe surcharge-enabled Merchant ID processing, CardPointe automatically runs two checks before providing the calculated surcharge fee.

- **Card Type:** It verifies the customer is using a credit card.
- **Customer Location:** It checks the billing ZIP code to ensure their state allows surcharge fees, and if so, determines the applicable fee.

## Payment Workflows

There are many ways to make a payment in Navusoft, depending on who is making the payment, what the payment is for, and when the payment is made. Each process handles the surcharge fee the same way behind the scenes.

When a credit card is used with the CardPointe Surcharge Processing enabled, if there is a payment screen, these changes will occur:

- The label **SURCHARGE** is displayed.
- The **Processing Fee / Surcharge** checkbox is hidden.

To learn more about the many payment workflows in Navusoft, check out the [Payment Processing Workflows: Core, Portal and Online Ordering](#) article.

## Benefits of Using CardPointe Surcharge Processing

Navusoft supports both CardPointe surcharge processing and the Navusoft processing fee logic that already exists. However, they are mutually exclusive. Only one of the two options can be active at a given time. Here is a quick breakdown of why you may want to let CardPointe handle the processing of Surcharges

### Enabling CardPointe Surcharge Processing vs using Navusoft Surcharge Processing feature

| Area of Evaluation  | Issue                                                             | CardPointe Surcharge Processing                                                                                                           | Native Navusoft Processing                                                                             |
|---------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Legal Compliance    | Surcharge laws change constantly and vary by state.               | Automatically checks the customer's zip code to prevent accidental violations                                                             | Requires your internal team to monitor, track, and manually enforce state-by-state regulation changes. |
| Card Detection      | It is illegal to add a surcharge to debit cards (in most states). | The CardPointe gateway handles this logic and is responsible and accountable for detecting the difference between credit and debit cards. | Navusoft internally manages the logic to validate card types.                                          |
| Maintenance         | Surcharge rates change.                                           | Zero maintenance - all rate updates are handled by CardPointe.                                                                            | Requires manual updates to rates for each state.                                                       |
| Accounting Overhead | Tracking and balancing surcharge fees is time intensive.          | Handles this internally, keeping your accounting cleaner                                                                                  | Your internal team needs to account for the surcharge fees manually.                                   |

## Setup

Setup here can not begin until all required sign-offs have been completed and a Navusoft project team is assigned to complete back-end setup requirements.

## Configure the System

Tell the system to let CardPointe manage the credit card fees.

The screenshot shows the 'SYSTEM OPTIONS SETUP' window with the 'Integration' tab selected. The 'USE CARDPOINTE SURCHARGING' dropdown is set to 'Yes'.

| System                          | Sales  | Integration | Account | Operations | Customer Portal | Intercompany / Broker | Online Order |
|---------------------------------|--------|-------------|---------|------------|-----------------|-----------------------|--------------|
| ENABLE ERP INTEGRATION          | No     |             |         |            |                 |                       |              |
| GL EXPORT FORMAT                | SAP    |             |         |            |                 |                       |              |
| BI INTEGRATION DATABASE         |        |             |         |            |                 |                       |              |
| UPS ACCESS KEY                  |        |             |         |            |                 |                       |              |
| USPS ACCESS KEY                 |        |             |         |            |                 |                       |              |
| ERP ID LABEL                    | SAP ID |             |         |            |                 |                       |              |
| EDI COMPANY NAME                |        |             |         |            |                 |                       |              |
| EXTERNAL INVOICE 53 FOLDER      |        |             |         |            |                 |                       |              |
| EXTERNAL INVOICE TASK TYPE      |        |             |         |            |                 |                       |              |
| EXTERNAL INVOICE APPROVAL EMAIL |        |             |         |            |                 |                       |              |
| USE CARDPOINTE SURCHARGING      | Yes    |             |         |            |                 |                       |              |

1. Go to *Setup > System > System Options*.
2. Select the *Integration* tab.
3. Set **Use Cardpointe Surcharging** configuration to **Yes**.

## Configure the Division

For each division, set the credit card merchant ID to the dedicated Merchant ID provided which is specifically for the CardPointe surcharge processing.

The screenshot shows the 'UPDATE DIVISION - 1016' window with the 'Credit Card / ACH Processing' tab selected. The 'Card Not Present' and 'Card Present' sections are visible. The 'CREDIT CARD MERCHANT ID' is set to '555000000150'.

| Details                                    | Integrations            | Addresses | Credit Card / ACH Processing | Cost / Target Pricing | Intercompany |
|--------------------------------------------|-------------------------|-----------|------------------------------|-----------------------|--------------|
| <b>Card Not Present</b>                    |                         |           |                              |                       |              |
| ENABLE                                     | Yes (Credit Card & ACH) |           |                              |                       |              |
| PROCESSOR                                  | CardPointe              |           |                              |                       |              |
| ENVIRONMENT                                | SANDBOX                 |           |                              |                       |              |
| API KEY / USER NAME                        | testing                 |           |                              |                       |              |
| TRANS. KEY / PASSWORD                      | *****                   |           |                              |                       |              |
| CREDIT CARD MERCHANT ID                    | 555000000150            |           |                              |                       |              |
| ECHECK/ACH MERCHANT ID                     |                         |           |                              |                       |              |
| ECHECK/ACH REPORTING MID ID                |                         |           |                              |                       |              |
| ECHECK/ACH REPORTING USER NAME             |                         |           |                              |                       |              |
| ECHECK/ACH REPORTING PASSWORD              |                         |           |                              |                       |              |
| <b>Card Present</b>                        |                         |           |                              |                       |              |
| PROCESSOR                                  | CardPointe              |           |                              |                       |              |
| MERCHANT ID                                | 555000000150            |           |                              |                       |              |
| WAIT FOR TERMINAL TIMEOUT (SEC)            | 152                     |           |                              |                       |              |
| ENABLE NON-INTEGRATED CREDIT CARD TERMINAL | No                      |           |                              |                       |              |
| ENABLE PIN-BASED DEBIT                     | No                      |           |                              |                       |              |
| ENABLE CARD-NOT-PRESENT ON SCALE           | No                      |           |                              |                       |              |
| ENABLE CC NUMBER ENTRY ON TERMINAL         | No                      |           |                              |                       |              |
| ENABLE POSTAL CODE PROMPT                  | No                      |           |                              |                       |              |
| REQUIRE SIGNATURE                          | No                      |           |                              |                       |              |
| MIN. AMOUNT DUE FOR SIGNATURE REQUIRED     | 0.00                    |           |                              |                       |              |

1. Go to *Setup > System > Division*.
2. Select the *Credit Card / ACH Processing* tab.
3. Select the division that will be using CardPointe.
4. For both the Card Present and Card Not Present sections, set the Merchant ID to ???

## Related Articles

[Payment Processing Workflows: Core, Portal and Online Ordering](#)

