



Infor CloudSuite Industrial Credit Card Interface Configuration Guide

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Credit Card Interface implementation

Follow these steps to configure the Credit Card Interface.

Note 1: CenPOS is the only credit card system that is supported in a multi-tenant cloud implementation of Infor CloudSuite Industrial.

Note 2: This interface does not work with Consolidated Invoicing.

Step 1: Purchase the software

Purchase the Infor CloudSuite Industrial Credit Card Interface module.

Step 2: Establish merchant service relations and purchase gateway software if needed

The Credit Card Interface requires the use of a “gateway” to communicate with the credit card processors. The gateway allows our customers to communicate with multiple credit card processors. We currently support four gateways: CenPOS, Intrix, T-Gate, and BridgePay.

You can set up multiple gateways for different currencies or types of credit cards.

CenPOS: Establish a merchant account

Set up a merchant account for your company with CenPOS. Use the CenPOS Administration Panel to specify the information you want your customers to include when they pay with a credit card.

The CloudSuite Industrial API integration with the CenPOS gateway works as described in the *CenPOS eCommerce API Guide* and the *CenPOS POS Integration API Guide*, both available from CenPOS.

ABS (Intrix, T-Gate, and BridgePay): Establish merchant service relations and purchase gateway software

ABS can assist with selecting the proper gateway to match your company's business needs. Contact them here:

Advanced Bancard Solutions (Credit Card Software Reseller)
Michael Dodson or Dan Fox, Advanced Bancard Solutions
E-mail: infor@advancedbancard.com
Phone: (866) 864-8564

If your company wants to stay with your existing credit card processor, ABS needs information about the account to verify that you are purchasing a gateway that will work with the system, and that can preset the payment processor information in the software. If you do not know who your processor is, the ABS representative can assist you.

Note: Please work with the ABS representative to verify that the processor you select supports your credit card processing needs, for example: Which credit cards are accepted? What level of processing (Level 1, 2 or 3) is required for settlement? Does the processor auto-post or use a manual process (if offered)?

Step 3: License and enable the interface

If you have a CreditCardInterface license for your application database, the Credit Card Interface is installed and licensed along with CloudSuite Industrial.

To enable the interface for a specific site, open the **Optional Modules** form at the site and enable the CreditCardInterface module.

Step 4: (CenPOS and BridgePay only) Configure the Web service

Note: For cloud environments with CenPOS, verify that this step was performed by the Infor Cloud team.

Use the CloudSuite Industrial Configuration Wizard to install and configure the **Credit Card Integration Service** on your CloudSuite Industrial Web server. One of the files laid down during this configuration is the web.config file.

(CenPOS only) The web.config file contains these URLs that are used to connect to CenPOS:

- The URL for the virtual terminal
- The URL for the CenPOS web service location that is used by the Relay services to make calls to CenPOS.

To edit these URLs, open the web.config file in the location pointed to by your new web service installation (<http://webserver/CreditCardIntegrationService/>) and change this section:

```
<connectionStrings>
  <add name="cenpos_url"
connectionString="https://www3.cenpos.net/POSIntegration/POSIntegration/default.aspx" />
  <add name="cenpostransact_url" connectionString="https://ww3.cenpos.net/4/transact.asmx" />
</connectionStrings>
```

(BridgePay only) The web.config file contains an element called endpoint with the attributes “address” under the System.ServiceModel\Client element node. The value should be changed to the URL for the BridgePay Service. The default for the payment test server is <https://www.bridgepaynetsecuretest.com/PaymentService/RequestHandler.svc>.

Step 5: Configure a test environment

To set up the parameters in the ERP software, open the **Credit Card Systems** form and specify this information for each gateway:

- Card System ID: A brief ID that defines the system, for example **TG-USD**
- Description: Describe the gateway, the currency used to process transactions, and the allowed card types, for example **T-Gate USD Visa/MasterCard**
- Credit Card System: Specify the third-party gateway: BridgePay, CenPOs, Hypercom, Intrix, Tgate, or External.
- Bank Code: Specify the code for the bank that the credit card system uses. (If this bank code does not yet exist, add it on the Bank Reconciliations form.) The currency associated with this bank code is used during A/R payment processing of credit card payments.

Then specify this detailed information for each system:

- For T-Gate:
 - Payment Server: <https://gatewaystage.itstgate.com>
 - User ID: singletest
 - Password: singleTest1
 - Merchant ID / RP Number: 1
 - Active: Select this check box to indicate that this credit card system is available to be selected during a credit card transaction.
- For Intrix:
 - Payment Server: <https://integration.intrix.com>
 - Contact Intrix to get a valid user ID, password, and vendor ID
- For CenPOS:
 - Payment Server: http://web_server/CreditCardIntegrationService/ where *web_server* is the CloudSuite Industrial server where you configured the Web service in Step 4.

Note: For cloud environments, the URL for the web server is supplied by the Infor Cloud team.

- Contact CenPOS to get a valid merchant ID, user ID, and password to use for testing.
- For BridgePay:
 - Payment Server: http://web_server/CreditCardIntegrationService/
 - Username: infortest
 - Password: !QBFm3w;L7

Finally, specify whether the credit card system is active and available to be selected during a credit card transaction.

Step 6: Verify the test configuration

To verify that the interface is configured correctly, run a transaction through the system using one of these test credit cards:

System	Credit Card Type	Test Credit Card Number
Intrix and T-Gate	Master Card	5454 5454 5454 5454
Intrix and T-Gate	Visa	4005 5500 0000 0019
Intrix	American Express	3732 353878 81007
Intrix	Discover	6011 0009 9304 3615
CenPOS	Master Card	5499 7400 0000 0057 CVV 998
CenPOS	Visa	4111 1111 1111 1111 CVV 999
CenPOS	American Express	3714 496353 92376 CVV 9997
CenPOS	Discover	6011 0009 9100 1201 CVV 996
BridgePay	Visa	4111 1111 1111 1111 CCV 999
BridgePay	Visa	4005 5500 0000 0019
BridgePay	Master Card	5439 7500 0150 0347
BridgePay	Discover	6001 1111 1111 11117
BridgePay	Diners	369999999999999
BridgePay	American Express	3742 553127 21002

For any of these credit cards, any credit card holder name and expiration date can be used; as long as the the expiration date is set beyond the current system date.

Note: If the test servers for TGate, Intrix, or BridgePay are down or experiencing problems, you can contact the providers directly using the contact information listed later in this section.

To test the interface in the ERP system:

- 1 Open the **Credit Card Payments** form, and process a payment with a reference of **Open**.
- 2 Confirm that the sale transaction is displayed on the **Credit Card Transactions** form, and that it contains a reply from the gateway.
- 3 Create a **Customer Order**, and click the **Pay with Credit Card** button to authorize a credit card against that order. Then ship and invoice the order.
- 4 Confirm that an Authorize transaction is displayed on the **Credit Card Transactions** form as a result of the Pay function, and that a Sale transaction is displayed as a result of the invoice process.
- 5 Confirm that both the invoice and the payment are displayed in the **A/R Posted Transaction Details** form.

T-Gate testing details

Each credit card has a limit of \$150 per transaction. For testing purposes, make sure the sum of a sale is equal to or less than \$150.

Intrix testing details

See the online help topic “Emulation” in the Intrix documentation to see how specific value amounts can be used to return predefined responses from the Gateway service.

If you have questions about T-Gate or Intrix

For more information about the Intrix or T-Gate systems, use this contact information:

Intrix:

Phone: 800-546-8749

Email: support@intrix.com

T-Gate:

Phone: 866-531-1460

Email: gatewaysupport@tgatepayments.com

BridgePay:

Phone: 1-866-322-9894

URL: <http://www.bridgepaynetwork.com/gatewaysupport.html>

Step 7: (Optional) Set up centralized order entry for use with credit cards

If you have a multi-site system with centralized order entry, your users can enter and validate credit card information from a centralized site, and then later charge the card from a different shipping site where the invoice is generated. Be aware that:

- This feature does not apply to service orders, only to customer orders
- Your company must have a single merchant account that is used by all of your sites. Therefore, the gateway access and other settings in the **Credit Card Systems** and **Credit Card Interface Parameters** forms must be the same in every site.
- Stored credit card information is not replicated. It is stored only at the order entry site.

To turn on this feature:

- 1 Make sure that replication rules are created that include both of these replication categories:
 - Centralized Order Entry
 - CCI Centralized Order Entry
- 2 On the **Replication Rules** form, set up the shipping sites as target sites that receive both rules from the centralized order entry (source) site, and regenerate the replication rules at all sites.
- 3 When a user clicks **Pay with Credit Card** during order entry, if a successful authorization is received, the system replicates that authorization information to each of the sites that are set up to receive this replication category.

Step 8: Train users to process credit cards

Use the online help to train users to process credit cards. Ensure that operators are aware of this information:

- All credit card charges processed in CloudSuite Industrial are registered as “authorized” credit card transactions by the gateway software. The authorized transactions must be “settled” by the end-of-day batch processing from the gateway software before any actual funds will be processed.
- The interface does not store credit card numbers in the back office ERP database; the interface simply stores a pointer to the gateway software, which is certified to store the full credit card information.

Step 9: (Optional) Train users on the operation of the credit card gateway

Review the guides provided by the credit card gateway to learn about End of Day Settlements, Virtual Terminal operations and reporting capabilities. In some cases these concepts might not be used, but understanding how the gateway works can be useful.

For the T-Gate and BridgePay gateways, Advanced Bancard Solutions is available to assist with this training (see Step 2).

Step 10: Configure the live environment

In the **Credit Card Systems** form of the ERP application, update this information using the *live* values provided by the gateway:

- Payment Server: For CenPOS and BridgePay, this is always `http://web_server/CreditCardIntegrationService/` where *web_server* is the CloudSuite Industrial server where you configured the Web service in Step 4.
- User ID
- Password
- Vendor ID (if applicable)
- Merchant ID (if applicable)

Set the credit card system(s) to be active so that your operators can begin charging real credit cards.

Caution: Be careful when making future copies of the Live database to be used for testing/pilots. Ensure that your **Credit Card Systems** settings are reset to test values after the copy, to prevent real charges from being run through the Test system.