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Fiserv SnapPay Integration and Credit Card Processing

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Onboarding/Set Up Steps

Fiserv SnapPay is predefined as a payment system. Only the steps specific to Fiserv SnapPay for processing credit card payments are provided in this document. Refer to Payment Gateway Integration and Credit Card Processing document for the end-to-end process of onboarding a payment gateway.

Funds Capture Formats

There are 4 types of Funds Capture Formats that are essential for a credit card transaction flow. Each format corresponds to a particular credit card transaction type (which has an outbound request and an inbound response). This table describes the transaction types, and their corresponding funds capture formats.

TRANSACTION TYPE	REQUEST/ RESPONSE TYPE	FUNDS CAPTURE FORMAT TYPE	DESCRIPTION
Card Tokenization	Outbound request	Funds Capture Card Tokenization Request Formats	The request sent to the payment gateway to launch the HPP where user can enter the card details. The funds capture format type specifies the required parameters for this outbound call.
Card Tokenization	Inbound response	Funds Capture Card Tokenization Request Response Formats	The response sent by the payment gateway for the outbound card tokenization request. The funds capture format type specifies the parameters to be saved from this inbound call.
Authorization/ Settlement/ Refund	Outbound request	Funds Capture Card- On-File Request Formats	The request sent to the payment gateway to perform authorization/settlement/refund transactions. The funds capture format type specifies the required parameters for this outbound call.
Authorization/ Settlement/ Refund	Inbound response	Funds Capture Online Response Formats	The response sent by the payment gateway for the outbound authorization/settlement/refund request. The funds capture format type specifies the parameters to be saved from this inbound call.
Transaction Query	Outbound request	Funds Capture Transaction Query Request Formats	The request sent to the payment gateway to fetch the transaction status. The funds capture format type specifies the required parameters for this outbound call.
Transaction Query	Inbound response	Funds Capture Transaction Query Response Formats	The response sent by the payment gateway for the outbound transaction query request. The funds capture format type specifies the parameters to be saved from this inbound call.

For each of these format types, you must create a format based on the Service Provider's specifications. The formats required for Fiserv SnapPay payment system are predefined in the system.

- 1. In the Setup and Maintenance work area, go to the Manage Formats task.
 - Offering: Financials
 - Functional Area: Customer Payments
 - Task: Manage Formats
- 2. Ensure that the following formats are available in the system.
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a. Funds Capture Card Tokenization Request Formats: Fiserv SnapPay Card Tokenization Request.

4	Se	arc	h

	** Name	fiserv snappa	ay card					** Type Funds Capture	Card Tokenization Request	t Formats	est one is required
	** Code							** Message Direction ~			-
											Search Reset
Search Res	sults										
View 🔻 🚽	🖉 🦷 Freeze 🤞	Wrap Se	elect Type	Bank Statement Formats		~	Create	View Available Format Types			
Name				▲▽	Code		Туре		Message Direction	Template	
Fiserv Snap	pPay Card Tokenization	Request			IBY_FSP_TOKEN_REQUEST		Funds Cap	ture Card Tokenization Request Formats	Outbound	FiservSnapPay_Card_Toke	nization_Request

b. **Funds Capture Card Tokenization Request Response Formats:** Fiserv SnapPay Card Tokenization Request Response.

	Search							** Δ+ Ι	least one is required
	** Name	fiserv snappay				** Type Funds Capture	Card Tokenization Request	Response Formats 🛛 🗸	
	** Code				** Messag	ge Direction V			-
									Search Reset
s	earch Results								
	View 🔻 💉 🦷 Freeze 🚽	Wrap Select Type	Bank Statement Formats	~	Create View Avail	able Format Types			
	Name		▲▽	Code	Туре		Message Direction	Template	
ſ	Fiserv SnapPay Card Tokenization	Response		IBY_FSP_TOKEN_RESPONSE	Funds Capture Card Tok	kenization Request Respons	Inbound	FiservSnapPay_Card_Toke	nization_Response

c. Funds Capture Card-On-File Request Formats: Fiserv SnapPay Transaction Request.

						** At least one is required
	** Name	fiserv snappay]	*	Type Funds Capture Card-On-File Request	Formats ~
	** Code			** Message Di	ection 🗸	
						Search
S	Search Results					
	View 🔻 💉 🔟 Freeze 🐳	Wrap Select Type Bank Stateme	nt Formats	✓ Create View Available	Format Types	
_	Name	_	▲▼ Code	Туре	Message Direction	on Template
	Fiserv SnapPay Transaction Reque	est	IBY_FSP_TRXN_REQUEST	Funds Capture Card-On-File	Request Formats Outbound	FiservSnapPay_Transaction_Request

d. Funds Capture Online Response Formats: Fiserv SnapPay Transaction Response.

Search

Search

	** Name	fiserv snappay]			*	** Type	Funds Capture	Online Response Formats	** A V	t least one is required
	** Code					** Message Di	irection	~			
											Search Reset
S	earch Results										
	View 🔻 🖋 💷 Freeze 🔶	Wrap Select Type Bank Statemer	nt Formats	v	Create	View Available	e Format	Types			
_	Name		▲▽	Code	Туре				Message Direction	Template	
	Fiserv SnapPay Transaction Respo	nse		IBY_FSP_TRXN_RESPONSE	Funds Capt	ure Online Respo	onse Forn	nats	Inbound	FiservSnapPay_Transact	ion_Response

e. **Funds Capture Transaction Query Request Formats**: Fiserv SnapPay Transaction Query Request.

								** At le	ast one is required
	** Name	fiserv snappay transaction				** Type Funds Capture	Transaction Query Request	Formats ~	
	** Code				** Message	Direction			-
									Search Reset
Se	earch Results								
`	Леw 🔻 🥒 🥅 Freeze 🤞	Wrap Select Type Bank St	atement Formats	~	Create View Availa	ble Format Types			
	Name		▲ 🗢 Code	т	Гуре		Message Direction	Template	
	Fiserv SnapPay Transaction Query	Request	IBY_FSP_	TRXN_QUERY_REQUEST F	Funds Capture Transactio	on Query Request Formats	Outbound	FiservSnapPay_Transaction	_Query_Request

f. Funds Capture Transaction Query Response Formats: Fiserv SnapPay Transaction Query Response.



Manage Formats ⑦		Done
✓ Search		
** Name fiserv snappay transaction ** Code		** At least one is require ** Type Funds Capture Transaction Query Response Formats
Search Results		Search Reset
View View Freeze de Wrap Select Type Bank Staten	A ♥ Code	Create View Available Format Types Type Message Direction Template
Fiserv SnapPay Transaction Query Response	IBY_FSP_TRXN_QUERY_RESPONSE	Funds Capture Transaction Query Response Formats Inbound FiservSnapPay_Transaction_Query_Response

You can design custom formats to accommodate any changes in the request/response bodies of the communications with Fiserv SnapPay. Follow these steps to create a custom format:

1. Navigate to the Manage Formats setup page.

Note: Steps required to navigate to a setup page are provided in the **Funds Capture Payment Methods** section of this document.

2. Select the format type of the custom format and click **Create**.

View 🔻	N	Freeze	🚽 Wrap	Select Type	Funds Capture Card Tokenization Request Formats	~	Create	View Available Format Types	
						_			

- 3. Enter these format details in the **Create Format** page.
 - Name: Name of the format
 - From Date: Date from which the format would be valid
 - To Date: Expiry date of the format
 - Type: Format type
 - Message Direction: Inbound/Outbound
 - Payload Type: Payload type can JSON, Text, or XML.
 - Choose File: Select and upload custom format. Refer to the Credit Card Integration Technical Specifications document for details on what to include in the template.

Create Format	0			
* Name	Tokenization Request Format_Custom	* From Date	4/29/21	to
* Code	CUSTOMPS1	To Date	m/d/yy	ĉ
Туре	Funds Capture Card Tokenization Request Formats	* Payload Type		
Message Direction	Outbound		JSON	
* Upload Template	Choose file No file chosen		XML	

4. Click Save and Close.

Transmission Configurations

A transmission configuration contains the transmission details specific to a payment system or a financial institution.

Two transmission configurations should be configured for Fiserv SnapPay as follows:

- 1. SnapPay COF: This is required for Authorization/Settlement/Refund transactions.
- 2. SnapPay Query: This is required for querying the transaction status.



SnapPay COF: Here are the steps required to set up SnapPay COF transmission configuration:

- 1. In the Setup and Maintenance work area, go to the Manage Transmission Configurations task.
 - Offering: Financials
 - Functional Area: Customer Payments
 - Task: Manage Transmission Configurations
- 2. Create a new transmission configuration with these details.
 - Configuration: Name of the Transmission Configuration (SnapPay COF)
 - Protocol: Http(s) POST Request
 - Destination URL: Provided by Fiserv SnapPay directly to the Customer.
 - HTTP Authentication User Name: <SnapPay Account user id>
 - HTTP Authentication Password: <SnapPay Account password>
 - Send Body Content Type: application/json
 - Receive Body Content Type: application/json

]	Edit Transmission Configuration: Snar	oPay COF				Test	Save and Close	Cancel
		a a construction of the second se	8888 8971		a <i>in a</i>	A7455366575		B B WY
	* Configuration	SnapPay COF		* Fro	om Date	11/25/21	ò	
	Protocol	Http(s) POST Request		-	To Date	m/d/yy	ò	
	Tunneling Configuration	~						
Ρ	arameters ⑦							
	View 🔻 🏢 Freeze 📣 Wrap			A.				
	Name	Data Type	Value					
	*Destination URL	Character	https://re	stapi-stage.snappayglobal.com/api/Interop/&URL_SUFFIX				
	HTTP Authentication User Name	Character						
	HTTP Authentication Password	Character						
	Proxy Host	Character						
	No Proxy Domain	Character						
	Wallet Location	Character						•
	Wallet Password	Character						
	*Send Body Content Type	Character	applicatio	n/json				
	*Receive Body Content Type	Character	applicatio	n/json				

3. Click Save and Close.

SnapPay Query: The steps required to set up SnapPay Query transmission configuration are as follows:

- 1. In the Setup and Maintenance work area, go to the Manage Transmission Configurations task.
 - Offering: Financials
 - Functional Area: Customer Payments
 - Task: Manage Transmission Configurations
- 2. Create a new transmission configuration with these details.
 - Configuration: Name of the transmission configuration (SnapPay Query)
 - Protocol: Http(s) POST Request
 - Destination URL: Provided by Fiserv SnapPay directly to the Customer.
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- HTTP Authentication User Name: <SnapPay Account user id>
- HTTP Authentication Password: < SnapPay Account password>
- Send Body Content Type: application/json
- Receive Body Content Type: application/json

Edit Transmission Configuration: Snaj	pPay Query	Test Save and Close Canc
* Configuration	SnapPay Query	* From Date 12/6/21
Protocol	Http(s) POST Request	To Date m/d/yy
Tunneling Configuration	~	
Parameters ⑦		
View 🔻 🦷 Freeze 📣 Wrap		•
Name	Data Type	Value
*Destination URL	Character	https://restapi-stage.snappayglobal.com/api/InterOp/GetTransaction
HTTP Authentication User Name	Character	
HTTP Authentication Password	Character	
Proxy Host	Character	
No Proxy Domain	Character	
Wallet Location	Character	
Wallet Password	Character	
*Send Body Content Type	Character	application/json
*Receive Body Content Type	Character	application/json

3. Click Save and Close.

Payment System

The set of steps required to configure the Fiserv SnapPay Payment System are described in this section. Fiserv SnapPay is predefined as a payment system.

- 1. In the Setup and Maintenance work area, go to the Manage Payment Systems task.
 - Offering: Financials
 - Functional Area: Customer Payments
 - Task: Manage Payment Systems
- 2. Search by name for **Fiserv SnapPay**. Click **Fiserv SnapPay** link from the search results to navigate to **Edit Payment System** page.

	Search										
	** Name	fiserv		*	* Processing Model	Gateway	~				
	** Code	e]							
				_							
~											
Se	earch Res	sults									
٧	/iew 🔻 +	Edit	Payment System Accounts	🔢 Freeze 🛛 🚽 W	Irap						
	Name					▲ ▽ Code	9	Processing Model	Funds Capture	Disbursement	Bank
	Fiserv SnapPa	Pay				fsp		Gateway	Yes	No	

- 3. Ensure that the following fields and the corresponding values are present. Refer to the screenshot following these details.
 - Processing Model: Gateway
 - Funds Capture: Credit Card box is selected.
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- Tokenization Payment System Settings: Credit Card Tokenization box is selected.
- Formats: The formats created for the following format types should be added here.
 - Funds Capture Card-On-File Request Formats
 - Funds Capture Online Response Formats
- In case of Fiserv SnapPay, add the following formats in the **Formats** section.
 - Fiserv SnapPay Transaction Request
 - Fiserv SnapPay Settlement Response

Formats ?

Vi	ew 🔻 🕂 💥 🥅 Freeze 📣 W	Nrap
	* Name	
	Fiserv SnapPay Transaction Request]
	Fiserv SnapPay Transaction Response	

- Transmission Protocols: Http(s) POST Request
- **Settings Required by Payment System**: Ensure that the parameters provided in the screenshot are added and the corresponding Code, Data Type, and Secured/Unsecured flag are available.

Settings Required by Payment System ②

١	iew 🔻 🕂 💥 🥅 Freeze 🚽 Wrap	N-			
_	* Name		* Code	* Data Type	Secured
	Business Unit		BU_NAME	Character	No v
	Client Identifier		ACCT_TOKEN_CREATE_CLIENT	Character	Yes 🗸
	Commerce Indicator		COMMERCE_INDICATOR	Character	No v
	Key Identifier for Card Security Code		ACCT_MICROFORM_KEY_ID	Character	Yes v
	Merchant City		DESCRIPTOR_CITY	Character	No v
	Merchant ISO Country Code		DESCRIPTOR_COUNTRY	Character	No v
	Merchant Identifier		MERCHANT_ID	Character	No v
	Merchant Name		DESCRIPTOR	Character	No v
	Merchant Phone Number		DESCRIPTOR_CONTACT	Character	No v
	Merchant Postal Code		DESCRIPTOR_POSTALCODE	Character	No v
	Merchant State		DESCRIPTOR_STATE	Character	No v
	Merchant Street Address		DESCRIPTOR_STREET	Character	No v
	Point of Sale Operating Environment		POS_ENVIRONMENT	Character	No v
	Secure Acceptance Signature Key		ACCT_SIG_KEY	Character	Yes v
	Shared Secret Key for Card Security Code		ACCT_MICROFORM_SHARED_SEC_KEY	Character	Yes v

- Tokenization Payment System Settings: Enter the following values:
 - Client Identifier: <SnapPay Account Id>
 - Credit Card Token Request Format: Fiserv SnapPay Card Tokenization Request
 - Credit Card Token Request Response Format: Fiserv SnapPay Card Tokenization Request Response
 - Credit Card Transaction Query Request Format: Fiserv SnapPay Transaction Query Request
 - Credit Card Transaction Query Response Format: Fiserv SnapPay Transaction Query Response
 - Digital Signature Algorithm: HMACSHA256



- Merchant Account for Card Security Code and Transaction Query: <SnapPay Merchant ID>
- Secure Acceptance Signature Key: <SnapPay HMAC Key>
 - Add this field manually with the following values, if not found.
 - Name = Secure Acceptance Signature Key
 - Code = SIG_KEY
 - Data Type = VARCHAR2
 - Secured = Y
- Token Creation Module: CyberSource Secure Acceptance Web
- Token Upgrade Module: Tokenization Upgrade Disabled
- **Tokenization Payment URL:** Reach out to SnapPay support team.
- Tokenization Servlet Base URL: Same as Tokenization Payment URL.
- Tokenization Upgrade URL: Same as Tokenization Payment URL.
- User Identifier: <SnapPay Account Id>
- User Password: <SnapPay Account password>
- **Credit Card Transaction Query Transmission Configuration:** Transmission Configuration created in the Transmission Configurations section.
- Payment Session Required: No (Ignore if not present in the options, default is N.)
- **OAuth Required**: No (Ignore if not present in the options, default is N.)
- 4. Click Save and Add Accounts.
- 5. **Payment System Account Creation**: Create a payment system account and enter the appropriate values for the following fields on the Edit Payment System Accounts page.
 - Business Unit
 - Client Identifier: <SnapPay Account Id>
 - Merchant Identifier: <SnapPay Merchant ID>
 - Secure Acceptance Signature Key: <SnapPay HMAC Key>. Reach out to SnapPay support team for this key.
 - Token Creation Currency: Currency
 - User Identifier: <SnapPay Account Id>
 - User Password: <SnapPay Account password>

Note: Please ensure that one business unit doesn't have more than one payment system account under a particular payment system.

6. Click Save and Close.



Funds Capture Process Profile

An FCPP (Fiserv SnapPay Version 2021 Profile) is predefined for Fiserv SnapPay.

- 1. Click Navigator > My Enterprise > Setup and Maintenance.
- 2. In the Setup and Maintenance work area, go to the Manage Funds Capture Process Profiles task:
 - Offering: Financials
 - Functional Area: Customer Payments
 - Task: Manage Funds Capture Process Profile
- 3. Search by name for Fiserv SnapPay Version 2021 Profile as shown.

	Search							
							** A	t least one is required
	** Name		** Payment System	Fiserv SnapPay	~			
	** Code		Status	~				
	** Processing Type	~						
								Search Reset
Se	earch Results							
١	fiew 🔻 💉 🦷 Freeze 斗 Wra	ap Select Processing Type	Bank account v Create					
	Name				Code	Processing Type	Payment System	
	Fiserv SnapPay Version 2021 Profile				ORA_FSP_V2021	Credit card	Fiserv SnapPay	

- 4. Click **Fiserv SnapPay Version 2021 Profile link** from the search results to navigate to **Edit Funds Capture Process Profile** page.
 - a. Ensure that the following fields and the corresponding values are present. Refer to the screenshot following the steps.
 - Processing Type: Credit Card
 - Payment System: Fiserv SnapPay
 - b. Ensure that the following values are configured in the **Formats** section. Refer to the screenshot following the steps.
 - Authorization configuration:
 - Outbound Format: Fiserv SnapPay Transaction Request
 - Inbound Response: Fiserv SnapPay Transaction Response
 - Settlement Configuration:
 - Outbound Format: Fiserv SnapPay Transaction Request
 - Inbound Response: Fiserv SnapPay Transaction Response
 - Settlement Response Processing configuration:
 - Outbound Format: NA (This is required only for Bank Account settlements.)
 - Inbound Response Format: NA (This is required only for Bank Account settlements.)
 - Notification to Payer configuration:
 - Format: Receipt of Payment Notification format
 - Delivery Method: Email
 - Select the **Override payer delivery method preference** check box.



Edit Funds Capture Process Profile ⑦			Save Save and Close
	AT AT THE REAL AS A STATE AND A STATE		
Processing Type	Credit Card	Description	
* Name	Fiserv SnapPay Version 2021 Profile		
Code	ORA_FSP_V2021		
Payment System	Fiserv SnapPay	* From Date	6/21/21
	Use for external settlement	To Date	m/d/yy
Formats Settlement Batch Accounts Additional Information	on		
Authorization			
* Outbound Format	Fiserv SnapPay Transaction Request V	* Inbound Response Format	Fiserv SnapPay Transaction Response
Settlement ⑦			
* Outbound Format	Fiserv SnapPay Transaction Request v	Inbound Response Format	Fiserv SnapPay Transaction Response V
Settlement Response Processing			
Outbound Forma	·	Inbound Response Format	×
Notification to Payer			
Format	Receipt of Payment Notification Format	Delivery Method	E-Mail ~
			 Override payer delivery method preference

- c. Ensure that the following values are configured in the **Accounts** section. Refer to the following screenshot.
 - Payment System Account: Payment system account(s) created for Fiserv SnapPay would be displayed here.
 - **Configuration Profile**: Specify a name for the configuration profile.
 - **Transmission Configuration for Authorization**: Select the SnapPay COF Transmission Configuration created earlier in the section **Transmission Configurations**.
 - **Transmission Configuration for Settlement**: Select the SnapPay COF Transmission Configuration created earlier in the section **Transmission Configurations**.
 - Transmission Configuration for Acknowledgement: NA

Edit Funds Capture Process Profile ⑦					Save	and Close	Cancel
					1 7 5 1 7 10		
Processing Type	Credit Card		Descriptio	n			
⁻ Name Code	Fiserv SnapPay Version 2021 Profile ORA_FSP_V2021		* From Dat	6/21/21	tia.	h.	
Payment System	Fiserv SnapPay		To Dat	e m/d/yy	ĉ		
Formats Settlement Batch Accounts Additional Informati	ion						
View 🔻 🔲 Freeze 📣 Wrap 🕐							
Pourment Sustem Account Configuration Profile		Tran	smission Configur	ation	From Data	To Doto	
Payment System Account Configuration Profile		Authorization	Settlement	Acknowledgmen	From Date	to Date	
snappay Fiserv SnapPay Version	2021 Profile snappay	SnapPay COF 🗸	SnapPay COF 🗸	~	11/25/21	m/d/yy	Ê

5. Click Save and Close.



Internal Payee Setup

The process of associating the payment system account to an internal payee is described here.

- 1. Click Navigator > My Enterprise > Setup and Maintenance.
- 2. In the Setup and Maintenance work area, go to the Manage System Security Options task.
 - Offering: Financials
 - Functional Area: Customer Payments
 - Task: Manage System Security Options
- 3. Click on the **Create** icon to create a new payee as shown.
 - a. Enter the Payee details.
 - b. Select Credit card check box under Configured Processing Types section.

Edit Internal Payee				Save and Close	Cancel
A COLORED DE LA COLORED AL			A MATERIAL		1 20 1
* Payee	Vision Online	* From Date	02/10/08		
Code	1234	To Date	dd/mm/yy		
Merchant Category Code					
Configured Processing Types					
	Electronic funds transfer	Purchase Card Detail	C Level II		
	Debit card		C Level III		
[Credit card		 No purchase card detail 		

4. Associate the payment system, the payment system account, and the business unit with the payee.

Note: A business unit can only be assigned to one payee.

Payment System Accounts									
View 🔻 🕂 🔲 Fi	View 🔻 🕂 🔟 Freeze 斗 Wrap								
Payment System	Payment System Account								
CyberSource	oraclepayments								
DUMMY_PS	DUMMY_ACCOUNT								
Fiserv SnapPay	snappay								

5. Click Save and Close.

Payee Routing Rule Setup

This is an optional setup required only in case of multiple business units, Fiserv SnapPay accounts, and so on, to ensure that payments are routed to the correct Fiserv SnapPay merchant ID (MID) and profile. For a simple setup with just one business unit, one Fiserv SnapPay MID and profile, no routing is required. To create a routing rule, select the payee and click **Manage Routing Rule**.

View 🔻 🕂 🧪 Manage Routing Rules	📰 Freeze 🚽 Wrap	
Payee		Code
Vision.com		Vision Corporation
Vision Corporation		vision
Vision Online		1234

The Manage Routing Rules page has default routing rules which apply when no routing rule is specified, or when none of the routing rule conditions were met.

On the same page, you can also define the routing rules with specific conditions and routing rules.



A Routing	A Routing Rules									
View 🔻	Reorder Priority	🔠 Freeze 🚽 Wrap Paymer	t Method Credit Card	∽ Create						
Priority	Routing Rule Name	Payment Method	Payment System	Fur	nds Capture Process Profile	Status				
3	Snappay	Credit Card	snappay	Fise	erv SnapPay Version 2021 Profile snappay	Active				

To create a routing rule, follow these steps:

- 1. Select **Credit Card** as **Payment Method** and then click **Create**.
- 2. Enter the following details to create a routing rule that sends any payment with amount between \$501-\$1000 to Fiserv SnapPay 'snappay' MID/payment system account.

Edit Routing Rule								Save and Close
IN VIEL OF MERICIPACITY OF	VARIANORAN A			0 BF A / 79 A	100 00 000	V16 6707	1 1/10	
	* Routing Rule Name	Snappay				* Routing Rule Start Date	11/25/21	tio .
	Payment Method	Credit Card				To Date	m/d/yy	tio
Conditions								
View 🔹 🕂 🗶 🏢 Fre	eeze 🚽 Wrap							
Criterion	Oper	rator		Value				
Amount	~ Less	s than or equal to	~	1000				
Amount	Great	ter than		500				
Route To When all of the conditions are met,	, the following payment system a	ccount and funds capture pro	ocess profile will be use	ed for the transaction.				
* Payment Syste	em snappay	~						
Funds Capture Process Prof	file Fiserv SnapPay Version 202	21 Profile snappay 🗸			L			

.

3. You can see the following attributes in the Criterion drop-down list to create the routing rule condition

Amount
Business unit
Card brand
Card number
Currency
Factored receipt
Payee bank
Payee bank account
Payee bank country
Receivables receipt method

Note: Not all attributes are applicable to Credit Card payment method.

4. Click Save and Close.

Enable Tokenization in System Security Options

To secure your credit card data, complete these steps:

Verify Tokenization Status and Wallet File Setup

- 1. In the Setup and Maintenance work area, go to the Manage System Security Options task.
 - Offering: Financials
 - Functional Area: Customer Payments
 - Task: Manage System Security Options
- 2. Check if Apply Quick Defaults button is enabled.



Manage System Security Options				Dgne
Encryption and Tokenization of Payment Inst	trument Sensitive Data			Apply Quick Defaults
Master Encryption Key		Tokenization		
Creation Date 12/14/15	Rotate	Tokenization Payment System CyberSource		Edit Tokenization Payment System
Maximum Number of Uses 1,000	Edit Subkey Rotation Policy			
Maximum Age in Days 30	, ,		12	

3. Click the button if it's enabled. Select all the three check boxes. The first check box is required for the tokenization process. The second and third check boxes (for encrypting credit card data and bank account data, respectively) are recommended as a best practice for securing credit card and bank account data.

Note: The wallet is an Oracle Applications program module that protects stored data in an encrypted format.

Manage System Security Options			Done
Encryption and Tokenization of Payment Instru	ument Sensitive Data		Apply Quick Defaults
Master Encryption Key		Tokenization	
Creation Date 12/14/15	Rotate	Tokenization Payment System	Edit Tokenization Payment System
Maximum Number of Uses 1,000	Edit Subkey Rotation Policy		
Maximum Age in Days 30	,		
	Apply Quick Defaults	s x	
Credit Card Data	Automatically create	wallet file and master encryption key	
Encryption Status Disabled	Encr Encrypt credit card d	lata 1	Encrypt
Tokenization Status Disabled	Toke Encrypt bank accoun	t data	

- 4. Click Save and Close.
- Verify the existing Tokenization Status for the Credit Card data. If the status is either Tokenized or Tokenization in Progress, it means that the tokenization setup is already done. If the status is Disabled, then proceed to the next step, Enable Tokenization.

Enable Tokenization

- 1. If **Tokenization Status** is **Disabled**, then click on **Edit Tokenization Payment System**. Select **Fiserv SnapPay** from drop-down and save.
- 2. Credit Card Data: If the status is Enabled, then skip this step. If the status is Disabled, click Tokenize to activate Tokenization. Verify that the Tokenization Status is either Tokenized or Tokenization in Progress.
- 3. Bank Account Data: If the status is **Enabled**, then skip this step. If the status is **Disabled**, then click **Encrypt** to trigger the process. Verify that the **Encryption Status** is **Enabled**.

Manage System Security Options ⑦			Done
Encryption and Tokenization of Payment Instrument Sensit	tive Data ⑦		Apply Quick Defaults
Master Encryption Key Creation Date 11/25/21 Maximum Number of Uses 1.000 Maximum Age in Days 30	Rotate Edit Subkey Rotation Policy	Tokenization Tokenization Payment System Fiserv SnapPay	Edit Tokenization Payment System
Credit Card Data Encryption Status Tokenization Status Enabled	Encrypt Detokenize	Bank Account Data Encryption for Enabled	Decrypt
Payment Instrument Masking			
Credit Card Numbers Masking Type Display last digits Number of Digits to Display 4	Edit Masking	Bank Account Numbers Masking Type Display last digits Number of Digits 4 to Display 4	Edit Masking

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