



BluePay Rebill Post

BluePay Rebilling Notification System

Reference Guide

April 2025

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About this Document

This documentation provides technical guidance to instruct merchants on setting up and configuring their own CGI script or program to receive automatic notifications when processing the rebilling transactions on a BluePay Payment Gateway.

The system described in the document may be subject to minor changes.

Intended Audience

This document is written for merchants, partners, and developers who will be responsible for integrating payment processing functionality and the notification system with the BluePay Payment Gateway.

Assistance & Feedback

Use the following contact information for help with the BluePay Payment Gateway integration or to provide feedback on this document.

Support Level	Contact Details
BluePay Integration Support Team	bluepay-integration@fiserv.com

Support hours are Monday through Friday 8:00am to 5:00pm (CST UTC-6).

Overview

BluePay Rebilling Notification System is a tool that provides merchants with automatic notifications when a rebilling transaction occurs. By setting up the system and configuring a merchant-supplied CGI (Common Gateway Interface) script, merchants can receive HTTP POST notifications with valuable parameters related to the rebilling.

This user-friendly system enhances merchant convenience and ensures efficient management of rebilling processes. The BluePay Rebill Post enables merchants to stay informed and effectively manage their rebilling activities.

Set Up


The system requires proper setup of the rebilling notification system within the online administration system, allowing for seamless integration with the BluePay Payment Gateway. Perform the following steps to set up the BluePay Rebilling Notification System.

1. Open the online administration system and select "Account List" from the menu.
2. Locate your account and click on the "View" (eye) icon (For 2.0 version, website has two eyes icon and for 3.0 version, website has one eye icon).
3. On the account details page, click on the "Edit" button to enter edit mode.
4. In the designated field for "Rebiling POST URL," provide the URL of your CGI.

After successful configuration, when the BluePay system processes a rebilling transaction for you, it will POST the field parameters to the provided URL.

POST Parameters

The BluePay system POSTs the following parameters to the indicated URL.

account_id	
Description:	Gateway account ID that the transaction was processed on.
account_name	
Description:	The gateway account name.
bluepay_blurb	
Description:	Message displayed at the bottom of email receipts.
BP_STAMP	
Description:	The MD5 of the merchant's SECRET KEY, concatenated to the values of various fields returned from BluePay Payment Gateway. BP_STAMP_DEF determines the exact fields and their order that BP_STAMP should provide.
<div style="border: 1px solid orange; padding: 10px;">  The merchant should properly split BP_STAMP_DEF on whitespace, take their SECRET KEY, and loop through the field names in the split BP_STAMP_DEF, concatenating each field's value to the end of the SECRET KEY and previous fields. <ul style="list-style-type: none"> - If a field is absent from the POST, concatenate nothing (the null string) for its value. Take the HASH of the resulting string and compare it to the value of BP_STAMP. - If the concatenated values match, the response is genuine. If the concatenated values do not match, the response has been tampered. </div>	
TPS_HASH_TYPE	
Description:	The algorithm used to compute the TAMPER_PROOF_SEAL and BP_STAMP.
BP_STAMP_DEF	
Description:	Space-separated list of field names in the order they are to be used in the calculation of BP_STAMP. This is similar to the TPS_DEF, but the BP_STAMP_DEF uses output fields rather than input fields. Refer BP_STAMP for more information.
cycles_remain	
Description:	The number of rebills remaining.

rebill_id	
Description:	The number attached to the rebill schedule.

first_name	
Description:	Customer's first name.

last_name	
Description:	Customer's last name.

next_prenotify_date	
Description:	If prenotification is activated on the account this is the date that the next prenotify email will be sent.
Format:	yyyy-mm-dd hh:mm:ss

next_rebill / usual_rebill	
Description:	Date that the next rebilling will occur.
Format:	yyyy-mm-dd hh:mm:ss

payment_account	
Description:	Masked credit card number or bank account number.
Format:	xxxxxxxxxxxxnnnn

rebilling_amount	
Description:	Amount that will be charged each time that the rebilling occurs.

retry_num	
Description:	The quantity of reattempts that have occurred if automatic retries are enabled.

sched_expr	
Description:	The expression used to determine the date of the next rebilling.

start_date	
Description:	Field name returned but no data is currently returned.

status	
Description:	The current status of the rebilling. Possible statuses are active, deleted, stopped, expired, failed, error.

user_email	
Description:	Email address of the gateway user account associated with the rebilling.

user_id	
Description:	User ID of the gateway user account associated with the rebilling.

Response Format

BluePay expects your CGI to return a status of 200.



In the future, returning other values may effect further processing of the rebilling.

Revision History

Version	Revision Date	Reason for Change
1.1	April 2025	<ul style="list-style-type: none">Updated the layout format of the document