



Version 1.3.6

## **PROPAY® AFFILIATE NOTIFICATION SYSTEM**

Instructions to synchronize your environment using ProPay's Affiliate Notification System.

**PROPAY**  
A TSYS® Company

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Date	Version	Description	Author
4/15/2020	1.3.1	Added global and gateway trans ID's to 3.3 and 3.6	Product
7/5/22	1.3.2	Add webook to soft limit notification for ACH and CC	Product
7/18/23	1.3.3	Add Account Holds notification	Product
8/30/23	1.6.4	Add Rental fee charges notification (3.18)	Product

The ProPay Affiliate Notification System is a mechanism whereby a ProPay partner can obtain notice when specific actions occur on the ProPay platform. Actions supported include:

- A new account holder signs up on the ProPay website.
- A ProPay team member updates the status of an account using our internal tool.
- A credit card transaction is charged back.
- An ACH payment has been rejected
- A ProPay enhanced Spendback transaction has been funded or its time to live has expired (See Spendback in the ProPay API documentation)

What these events have in common is that they all occur without a partner having initiated them. There is, in fact, no way for a partner to know that they have occurred unless ProPay provides notice. The Affiliate Notification System can replace daily reports with a real-time notice. Notifications of this kind are sometimes referred to as 'Web Hooks'

### How to use this manual

This manual is designed to facilitate developers integrating the ProtectPay API with their own software and software solutions. It is not written from the perspective of a single development platform. It is written to provide the basic information required to properly interact with the Application Programming Interface. The ProtectPay API is an object oriented API and each interface is a viable means of consuming the services and methods offered by ProtectPay.

While ProPay offers resources and materials to assist developers in developing solutions and software it is the responsibility of the developer to develop his or her own solution and software on the intended development platform to make use of and consume the services offered by ProPay.

Updated manuals can always be found at [www.propay.com/Resources](http://www.propay.com/Resources).

### Additional Resources

- See ProtectPay API Manual Appendix for a list of response values returned by ProtectPay.
- See ProtectPay API Manual Appendix for a list of supported Processors, Gateways and Service Providers.
- See ProtectPay API Manual Appendix for a list of supported Swipe Devices.

### Disclaimer

ProPay provides the following documentation on an "AS IS" basis without warranty of any kind. ProPay does not represent or warrant that ProPay's website or the API will operate securely or without interruption. ProPay further disclaims any representation or warranty as to the performance or any results that may be obtained through use of the API.

Regardless of its cause, ProPay will not be liable to client for any direct, indirect, special, incidental, or consequential damages or lost profits arising out of or in connection with client's use of this documentation, even if ProPay is advised of the possibility of such damages. Please be advised that this limitation applies whether the damage is caused by the system client uses to connect to the ProPay services or by the ProPay services themselves.

## 1.0 Testing and Certification

To improve the customer experience, ProPay requires that developers test their software solutions before receiving credentials to process live transactions. Doing so ultimately improves the end-user experience so please plan accordingly and develop a timeline that provides for testing and certification against the ProPay Integration environment. Integrating a developed software solution to the ProPay web integration requires the following steps:

1. Request API credentials from your sales representative or account manager. By involving him or her in the process, Propay can provide you with guidance about the methods required for your project's scope.
2. Design, build, and test your solution using the ProtectPay integration environment.
3. Contact your Project Manager when you believe you are ready to certify. Your PM will go over your integration with you. (This is a relatively informal process, but one that ensures you've covered all your bases.)
4. Request Production (Live) Credentials from your Project Manager.

### Production URLs

The ProtectPay Production REST base URI: <https://api.propay.com/protectpay>

The ProtectPay Production SOAP URI: <https://api.propay.com/protectpay/sps.svc>

The ProtectPay Production WSDL URI: <https://api.propay.com/protectpay/sps.svc?wsdl>

The ProtectPay Production WSDL single file URI: <https://api.propay.com/protectpay/sps.svc?singlewsdl>

### Test URLs

The ProtectPay Integration REST base URI: <https://xmltestapi.propay.com/protectpay>

The ProtectPay Integration SOAP URI: <https://xmltestapi.propay.com/protectpay/sps.svc>

The ProtectPay Integration WSDL URI: <https://xmltestapi.propay.com/protectpay/sps.svc?wsdl>

The ProtectPay Integration WSDL single file URI: <https://xmltestapi.propay.com/protectpay/sps.svc?singlewsdl>

**Live Credentials MUST be kept confidential**

## 1.1 Troubleshooting and Technical Support

Your Project Manager acts as a technical resource during integration and will assist you with trouble shooting problems encountered while you work on your solution. In an effort to make this possible, you should be prepared to provide the following information when you encounter a problem during integration:

1. Timestamp of the incident (specify time zone)
2. URI Requests are being made to
3. HTTP Method being used
4. XML/SOAP/JSON data passed to the URI
5. XML/SOAP/REST/HTTP Response received.

Despite all the best preparations, planning and testing there are occasions where errors can occur when transitioning from the testing systems to the live environment. Providing less information may result in a delay to any technical support questions regarding the Application Programming Interface. The ProPay Technical Support team can only assist in the troubleshooting of the API and not a client's software solution when undesired effects occur in a client's software solution when consuming the ProtectPay API.

## 2.0 Technical Integration

### Secure Socket Layer (SSL) and Transport Layer Security (TLS)

ProPay recognizes the importance of handling financial transactions in a secure manner and ensures that ProtectPay offers the best transmission security available. The ProPay Affiliate Notification system will ONLY connect to a website hosted over 443 and supporting SSL/TLS encryption

### How to Use the Affiliate Notification System

The ProPay Affiliate Notification system works by sending a HTTPS GET to a URL exposed by a Partner to the public. The Partner should take the information sent via this GET, parse it, and use the resulting data to update their own system. It is the responsibility of the partner to understand how those updates impact their own business.

### On firewalls and non-repudiation of the information provided via 'Web Hook'

ProPay will require that you provide a set of IP addresses to which we will be expected to GET. Be reasonable. ProPay will not enable an entire Class C range to send 443 traffic from our system. Similarly, you would also be advised to limit incoming traffic to those IP addresses that ProPay will provide to you during the integration process. Your ProPay integration consultant can provide you with the IP addresses from which our GET will originate. Test environments, on the ProPay side, do not require any firewall rule changes.

## 3.0 Notification Types

### 3.1 Account Status Change

The Affiliate notification system is used to obtain data when accounts are established or their overall status is updated by ProPay.

The ProPay system can be configured to send your organization a message every time a new user signs up for a ProPay account or when ProPay's internal tools are used to update the status of each account. (Shutting down an account for fraud, cancelled at the request of the account holder, etc.)

#### Query String Parameters

Parameter	When do I receive this?	Description
NotificationEvent	On all notifications.	The specific event that has occurred. See the Notification Events table below for possible values.
Status	UserSignup , UserStatusChange	The new status that this user's account has entered. See the Statuses table below for possible values.
UserEmail	UserSignup , UserStatusChange	The user's email address
ExternalId	UserSignup , UserStatusChange	The user's ID number
AccountNumber	UserSignup , UserStatusChange	The user's account number
AccountType	UserSignup, UserStatusChange	The type of account that the user has signed up for.
SignupDateTime	UserSignup	The date/time that the user signed up, in mmddyyyy format.
ExpirationDateTime	UserSignup	The date/time that the user's account will expire, in mmddyyyyhhmm format.
PerTransactionLimitCC	UserSignup , UserStatusChange	The account's credit card processing per-transaction limit
MonthlyLimitCC	UserSignup , UserStatusChange	The account's credit card processing monthly limit.
PerTransactionLimitAch	UserSignup , UserStatusChange	The account's ACH processing per-transaction limit.
MonthlyLimitAch	UserSignup , UserStatusChange	The account's ACH processing monthly limit.
PropayIn	UserSignup , UserStatusChange	Is the account allowed to receive funds from another ProPay account?
PropayOut	UserSignup , UserStatusChange	Is the account allowed to have its funds sent to another ProPay account?
AchFrom	UserSignup , UserStatusChange	Is the account able to receive funds from its own on-file direct deposit account?
AchTo	UserSignup , UserStatusChange	Is the account allowed to have its funds sent to its own on-file direct deposit account?
CCProcessing	UserSignup , UserStatusChange	Can the account currently process credit cards?
RenewalTerm	UserSignup , UserStatusChange	Renewal term for the account.
LineOfCredit	UserSignup , UserStatusChange	A line of credit that can be used to issue refunds when no funds are currently available.
CCHoldDays	UserSignup , UserStatusChange	A number of days that credit card transactions will be held before being made available in the account.
AchHoldDays	UserSignup , UserStatusChange	A number of days that ACH transactions will be held before being made available in the account.
IdentityId	UserSignup , UserStatusChange	The user's Identity Id.

AccountStatusChangeReason	UserSignup , UserStatusChange	The reason for user account status change. See the Reason for Change table below for possible values.
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### Notification Events

NotificationEvent	Description
UserStatusChange	The user's account status has been modified.
UserSignup	The user has attempted to sign up for an account.

### Statuses

Status	Description
ReadytoProcess	User's account has been approved.
FraudAccount	User's account has been canceled because of a review by the Risk department.
Canceled	User's account has been cancelled.
CheckPending	User's account has not yet been paid for.
AdditionalInformation	User's account is pending a review from the Risk department.
PendingUnpaid	User is pending a review from the Risk department and has not paid yet.
<b>RiskWiseDeclined</b>	User's account has failed automated validation checks, it will be reviewed by the Risk department.
Hold	User's account has been put on hold by the Risk department.
ClosedEULA	User's account was closed for violation of ProPay EULA.
ClosedCollections	User's account has been closed by our collections team.
GatewayBoardingFailed	User's ProPay account was created but boarding failed at the designated gateway. Please contact support.

### Reason for change

Reason	Description
AccountCancellation	Account cancelled (most often by account holder.)
AccountReactivation	Account moved to an active status.
Prohibited	ProPay Risk Team has determined that this account has been used for prohibited business.
Fraud	ProPay Risk Team has determined that this account has been used for fraud.
IDTheft	ProPay Risk Team has determined that this account must be closed due to ID theft.
CustomerRequest	The account status has been changed based on customer request.
PartnerRequest	The account status has been changed based on a partner request.
DataChange	Generic reason not otherwise categorized.
Null	No reason specified.
NewSignup	New signup has been completed.
Released From Hold	ProPay Risk Team has released a hold on the account.

### Examples

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UserStatusChange Query String

[https://www.someurl.com/receivepage.aspx?NotificationEvent=UserStatusChange &Status= Canceled &UserEmail=bob@someurl.com&ExternalId=12345&AccountNumber=78945&AccountType=Premium&ExpirationDateTime=20180102&PerTransactionLimitCC=\\$100.00&MonthlyLimitCC=\\$100.00&PerTransactionLimitAch=\\$10.00&MonthlyLimitAch=\\$100.00&PropayIn=False&PropayOut=False&AchFrom=False&AchTo=False&CCProcessing=False&RenewalTerm=30&LineOfCredit=\\$1.00&CCHoldDays=2&AchHoldDays=5&IdentifyId=3692&AccountStatusChangeReason=AccountCancellation](https://www.someurl.com/receivepage.aspx?NotificationEvent=UserStatusChange&Status=Canceled&UserEmail=bob@someurl.com&ExternalId=12345&AccountNumber=78945&AccountType=Premium&ExpirationDateTime=20180102&PerTransactionLimitCC=$100.00&MonthlyLimitCC=$100.00&PerTransactionLimitAch=$10.00&MonthlyLimitAch=$100.00&PropayIn=False&PropayOut=False&AchFrom=False&AchTo=False&CCProcessing=False&RenewalTerm=30&LineOfCredit=$1.00&CCHoldDays=2&AchHoldDays=5&IdentifyId=3692&AccountStatusChangeReason=AccountCancellation)

UserSignup Query String

[https://www.someurl.com/receivepage.aspx?NotificationEvent=UserSignup&Status=ReadyToProcess&UserEmail=bob@someurl.com&AccountNumber=1234&AccountType=Premium&ExpirationDateTime=20190104&PerTransactionLimitCC=\\$100.00&MonthlyLimitCC=\\$100.00&PerTransactionLimitAch=\\$10.00&MonthlyLimitAch=\\$100.00&PropayIn=True&PropayOut=True&AchFrom=True&AchTo=True&CCProcessing=True&RenewalTerm=30&LineOfCredit=\\$1.00&CCHoldDays=2&AchHoldDays=5&IdentifyId=7890&AccountStatusChangeReason=NewSignup&Signu  
pDateTime=20180104](https://www.someurl.com/receivepage.aspx?NotificationEvent=UserSignup&Status=ReadyToProcess&UserEmail=bob@someurl.com&AccountNumber=1234&AccountType=Premium&ExpirationDateTime=20190104&PerTransactionLimitCC=$100.00&MonthlyLimitCC=$100.00&PerTransactionLimitAch=$10.00&MonthlyLimitAch=$100.00&PropayIn=True&PropayOut=True&AchFrom=True&AchTo=True&CCProcessing=True&RenewalTerm=30&LineOfCredit=$1.00&CCHoldDays=2&AchHoldDays=5&IdentifyId=7890&AccountStatusChangeReason=NewSignup&SignupDateTime=20180104)

## 3.2 – Enhanced Spendback Transaction Status Change

The affiliate notification system can be used to obtain confirmation when an enhanced spendback transaction completes.

The ProPay system can be configured to send your organization a message whenever an enhanced Spendback transaction either funds or is cancelled due to its TTL expiring.

### Query String Parameters

Parameter	Description
NotificationEvent	Always 'EnhancedSpendbackCompletion'.
sourceAccountNumber	The source account number.
sourceAccountTransNum	The transaction number on the source account's side.
destinationAccountNumber	The destination account number.
destinationAccountTransNum	The transaction number on the destination account's side.
result	The result either Success (funded) or Expired (reversed).

### Possible results

Result	Description
Success	The transaction has funded to the destination account's available balance.
Expired	The transaction's TTL has expired and the transaction has been reversed.

### Examples

<https://www.someurl.com/receivepage.aspx?NotificationEvent=EnhancedSpendbackCompletion&sourceAccountNumber=123456&sourceAccountTransNum=345&destinationAccountNumber=455665&destinationAccountTransNum=2333&result=Expired>

## 3.3 – Chargeback Activity

This message type notifies when a chargeback has occurred.

This feature only supports automatic notification of chargebacks against standard US-based ProPay accounts.

### Query String Parameters

Parameter	Optional field in Query string	Description
NotificationEvent	N	Always 'Chargeback'.
AccountNumber	N	ProPay account primary identifier.
IdentityId	N	ProPay identifier specific to mobile SDK.
TransactionNumber	N	Identifies the rejected transaction.
TransactionAmount	N	Chargeback amount.
TransactionFee	N	Chargeback fee.
ReasonCode	N	The reason code for chargeback.
gatewayTransactionId	Y	The transaction identification number for the Gateway
globaltransId	Y	The transaction identification number for the Global Payments facilitator which is integrated to ProPay and which the submerchant interfaces with directly
globalTransSource	Y	The Source of the transaction, identification number for Global Payments facilitator which is integrated to ProPay and which the submerchant interfaces with directly

### Example

<https://www.someurl.com/receivepage.aspx?NotificationEvent=Chargeback&AccountNumber=12345&IdentityId=7896&TransactionNumber=11111&TransactionAmount=50&TransactionFee=0&ReasonCode=Credit+issued+but+not+posted%2c+or+credit+not+issued&gatewayTransactionId=22222&globaltransId=33333&globalTransSource=GPAPI>

### Note

Y in column "optional field in Query string" denotes that these field might or might not present in query string.

## 3.4 – ACH Reject Activity

This message type notifies when an ACH reject has occurred.

This feature only supports automatic notification of ACH rejects against standard US-based ProPay accounts.

### Query String Parameters

Parameter	Description
NotificationEvent	Always 'ACHReject'
AccountNumber	ProPay account primary identifier.
IdentityId	ProPay identifier specific to mobile SDK.
TransactionNumber	Identifies the rejected transaction.
TransactionAmount	Reject Amount.
TransactionFee	ACH reject fee.
ReasonCode	The reason code for ACH reject.

### Example

<https://www.someurl.com/receivepage.aspx?NotificationEvent=ACHReject&AccountNumber=12345&IdentityId=7896&TransactionNumber=11111&TransactionAmount=50&TransactionFee=0&ReasonCode=Credit+issued+but+not+posted%2c+or+credit+not+issued>

## 3.5 – Direct Entry Transaction Authorized

This feature notifies a partner when a transaction is confirmed as authorized by an external processor. It is a feature specific to the Direct Transaction Entry system, and is not available to most partners.

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'AuthTransactionFinalized'.
AccountNumber	N	ProPay account primary identifier.
Amount	N	Amount.
AuthCurrencyCode	N	Auth currency code.
CardBrandType	N	Card brand type.
InvoiceNumber	Y	Invoice number.
Comment1	Y	Comment 1.
Comment2	Y	Comment 2.
TransactionNumber	N	Propay transaction identifier.
ApprovalStatus	N	Denotes whether auth transaction approved.
CardNumber	N	Card number.
ExpirationDate	N	Card expiration date.
BillingAddress1	Y	Billing address 1.
BillingPostalCode	Y	Billing postal code.
PayerName	Y	Payer name.
PayerEmail	Y	Payer email.
CardPresent	N	Denotes whether it is card present transaction.
ResponseCode	N	Response code.
AuthorizationCode	N	Authorization code.
AvsResponseCode	N	Avs response code.
Cvv2ResponseCode	N	Cvv2 response code.

### Example

[https://www.someurl.com/receivepage.aspx?NotificationEvent=AuthTransactionFinalized&AccountNumber=717066684&Amount=500&AuthCurrencyCode=USD&CardBrandType=AmericanExpress&InvoiceNumber=testinvoicenum&Comment1=testcomment+1&Comment2=testcomment+2&TransactionNumber=1&ApprovalStatus=Y&CardNumber=371449\\*\\*\\*\\*\\*2376&ExpirationDate=1018&BillingAddress1=billingAddress1&BillingPostalCode=45454&PayerName=payerName&PayerEmail=payerEmail%40gmail.com&CardPresent=Y&ResponseCode=RC&AuthorizationCode=authCo&AvsResponseCode=A&Cvv2ResponseCode=C](https://www.someurl.com/receivepage.aspx?NotificationEvent=AuthTransactionFinalized&AccountNumber=717066684&Amount=500&AuthCurrencyCode=USD&CardBrandType=AmericanExpress&InvoiceNumber=testinvoicenum&Comment1=testcomment+1&Comment2=testcomment+2&TransactionNumber=1&ApprovalStatus=Y&CardNumber=371449*****2376&ExpirationDate=1018&BillingAddress1=billingAddress1&BillingPostalCode=45454&PayerName=payerName&PayerEmail=payerEmail%40gmail.com&CardPresent=Y&ResponseCode=RC&AuthorizationCode=authCo&AvsResponseCode=A&Cvv2ResponseCode=C)

### Note

Y in column "optional field in Query string" denotes that these field might or might not present in query string.

## 3.6 – Direct Entry Transaction Captured

This feature notifies a partner when a transaction is confirmed as captured by an external processor. It is a feature specific to the Direct Transaction Entry system, and is not available to most partners.

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'TransactionCaptured'.
AccountNumber	N	ProPay account primary identifier.
InvoiceNumber	Y	Invoice number.
TransactionNumber	N	Propay transaction identifier.
gatewayTransactionId	Y	The transaction identification number for the Gateway
globalTransId	Y	The transaction identification number for the Global Payments facilitator integrated to ProPay and which the submerchant interfaces with directly
globalTransSource	Y	The Source of the transaction identification number for the Global Payments facilitator which is integrated to Propay and which the submerchant interfaces with directly

### Example

<https://www.someurl.com/receivepage.aspx?NotificationEvent=TransactionCaptured&AccountNumber=1234567&InvoiceNumber=abc123&TransactionNumber=34567&gatewayTransactionId=22222&globaltransId=33333&globalTransSource=GPAPI>

### Note

Y in column "optional field in Query string" denotes that these field might or might not present in query string.

## 3.7 – Direct Entry Transaction Voided

This feature notifies a partner when a transaction is confirmed as voided by an external processor. It is a feature specific to the Direct Transaction Entry system, and is not available to most partners.

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'TransactionVoided'.
AccountNumber	N	ProPay account primary identifier.
InvoiceNumber	Y	Invoice number.
TransactionNumber	N	Propay transaction identifier.

### Example

<https://www.someurl.com/receivepage.aspx?NotificationEvent=TransactionVoided&AccountNumber=1234567&InvoiceNumber=abc123&TransactionNumber=34567>

### Note

Y in column "optional field in Query string" denotes that these field might or might not present in query string.

## 3.8 – Direct Entry Transaction Refunded

This feature notifies a partner when a transaction is confirmed as refunded by an external processor. It is a feature specific to the Direct Transaction Entry system, and is not available to most partners.

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'TransactionCaptured'.
AccountNumber	N	ProPay account primary identifier.
InvoiceNumber	Y	Invoice number.
TransactionNumber	N	Propay transaction identifier for the refund
Amount	N	Amount of refund
OriginalAmount	N	Amount of transaction refunded
OriginalTransactionNumber	N	ProPay transaction identifier of the transaction refunded.

### Example

<https://www.someurl.com/receivepage.aspx?NotificationEvent=TransactionRefunded&AccountNumber=1234567&InvoiceNumber=abc123&TransactionNumber=551&Amount=2000&OriginalAmount=4000&OriginalTransactionNumber=542>

### Note

Y in column “optional field in Query string” denotes that these field might or might not present in query string.

## 3.9 –Retrieval Request

This message type notifies when new retrieval request is inserted against a transaction.

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'RetrievalRequest'.
AccountNumber	N	ProPay account primary identifier.
IdentityId	N	Identity id of the user.
NotificationEmail	N	Notification email address of the user.
PrimaryFirstName	N	Primary first name of the user.
PrimaryLastName	N	Primary last name of the user.
DoingBusinessAs	Y	Doing business as field of the user.
TransactionNumber	N	Propay transaction identifier.
TransactionAmount	N	The transaction amount.
ReasonCode	N	Reason for retrieval request.

### Example

<https://www.someurl.com/receivepage.aspx?NotificationEvent=RetrievalRequest&AccountNumber=12345&IdentityId=7896&NotificationEmail=test@tester.com&PrimaryFirstName=John&PrimaryLastName=Doe&DoingBusinessAs=Hobby+Lobby&TransactionNumber=11111&TransactionAmount=50&ReasonCode=Credit+issued+but+not+posted%2c+or+credit+not+issued>

### Note

Y in column "optional field in Query string" denotes that these field might or might not present in query string.

## 3.10 – Add/Update of Account’s Banking Info

This message type notifies when a ProPay account’s bank account information is added/modified

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'UpdateBank'.
AccountNumber	N	ProPay account primary identifier.
NotificationEmail	N	Notification email address of the user.
PrimaryFirstName	N	Primary first name of the user.
PrimaryLastName	N	Primary last name of the user.
DoingBusinessAs	Y	Doing business as field of the user.
AccountPrecedence	N	Indicates if modified account is Primary account or Secondary account.
UpdateDateTime	N	The date and time at which bank account is added/modified.
OldAccount	Y	Old bank account number.
NewAccount	N	New bank account number.

### Example

[https://www.someurl.com/receivepage.aspx?NotificationEvent=UpdateBank&AccountNumber=12345&&NotificationEmail=test@tester.com&PrimaryFirstName=John&PrimaryLastName=Doe&DoingBusinessAs=Hobby+Lobby&AccountPrecedence=Primary&UpdateDateTime=2018-12-31\\_24:59:59&OldAccount=1234&NewAccount=5678](https://www.someurl.com/receivepage.aspx?NotificationEvent=UpdateBank&AccountNumber=12345&&NotificationEmail=test@tester.com&PrimaryFirstName=John&PrimaryLastName=Doe&DoingBusinessAs=Hobby+Lobby&AccountPrecedence=Primary&UpdateDateTime=2018-12-31_24:59:59&OldAccount=1234&NewAccount=5678)

### Note

Y in column “optional field in Query string” denotes that these field might or might not present in query string.

## 3.11 – Account Renewed

This message type notifies when a ProPay merchant renews his or her account. Supports monthly, or annual renewals and works when renewal occurs manually on ProPay website, or as happens with auto-renewal.

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'RenewalSuccess.
AccountNumber	N	ProPay account primary identifier.
NotificationEmail	N	Notification email address of the user.
PrimaryFirstName	N	Primary first name of the user.
PrimaryLastName	N	Primary last name of the user.
DoingBusinessAs	Y	Doing business as field of the user.
AvailableBalance	N	Current available balance on the affected account after renewal.
ExternalId	Y	External Id of the affected account.
ExpirationDate	N	Updated Expiration Date of the affected account.
RenewalTerm	N	Term length of renewal of affected account, 'Monthly' or 'Annual'.
RenewalFeeType	N	Which fee was charged to the affected account For this message, the value will always be 'Renewal'
FeeAmount	N	Amount of the fee that was charged **if any discount is applied (promo code), this would be the amount charged to the account**
FeeCurrency	N	Currency that the fee was taken from
PaymentMethodType	N	Which payment method the fee was charged to 'AvailableBalance' or 'CardOnFile' or 'OtherCard' or 'BillByAffiliate' or 'ACH'
CardAccount	N	Last 4 digits of card used, or NULL if PaymentMethodType=AvailableBalance.

### Example

<https://www.someurl.com/receivepage.aspx?NotificationEvent=RenewalSuccess&AccountNumber=12345&&NotificationEmail=test@tester.com&PrimaryFirstName=John&PrimaryLastName=Doe&DoingBusinessAs=Hobby+Lobby&AvailableBalance=89.42&ExternalId=12345US&ExpirationDate=2018-12-31&RenewalTerm=Monthly&RenewalFeeType=Maintenance&FeeAmount=6.99&FeeCurrency=USD&PaymentMethodType=AvailableBalance&CardAccount=NULL>

### Note

Y in column "optional field in Query string" denotes that these field might or might not present in query string.

## 3.12 – Account Info Update (Mailing/Shipping address/Phone Number).

This message type occurs when a merchant updates his or her basic information (mailing address / Shipping address /Phone Number)

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'UpdateAccountInfo.
AccountNumber	N	ProPay account primary identifier.
NotificationEmail	N	Notification email address of the user.
PrimaryFirstName	N	Primary first name of the user.
PrimaryLastName	N	Primary last name of the user.
DoingBusinessAs	Y	Doing business as field of the user.
AccountInfoUpdated	N	Either 'Address' or 'PhoneNumber'. When address is updated(mailing or street) "Address" .When Phone number is updated "PhoneNumber".
UpdateDateTime	N	Date/Time Stamp for the change when the notification was trigger.

### Example

[https://www.someurl.com/receivepage.aspx?NotificationEvent=UpdateAccountInfo&AccountNumber=12345&&NotificationEmail=test@tester.com&PrimaryFirstName=John&PrimaryLastName=Doe&DoingBusinessAs=Hobby+Lobby&AccountInfoUpdated=Address&UpdateDateTime=2018-12-31\\_24:59:59](https://www.someurl.com/receivepage.aspx?NotificationEvent=UpdateAccountInfo&AccountNumber=12345&&NotificationEmail=test@tester.com&PrimaryFirstName=John&PrimaryLastName=Doe&DoingBusinessAs=Hobby+Lobby&AccountInfoUpdated=Address&UpdateDateTime=2018-12-31_24:59:59)

### Note

Y in column "optional field in Query string" denotes that these field might or might not present in query string.

## 3.13 – Account Expired

This message occurs on the day when an account will expire. (Expiration event occurs throughout the day, but this message goes out once so account may not yet be expired when message is sent.)

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'Expiration'.
AccountNumber	N	ProPay account primary identifier.
NotificationEmail	N	Notification email address of the user.
PrimaryFirstName	N	Primary first name of the user.
PrimaryLastName	N	Primary last name of the user.
DoingBusinessAs	Y	Doing business as field of the user.
AvailableBalance	N	Indicates current available balance on the affected account
ExternalId	Y	External id of merchant account .
ExpirationDate	N	Expiration date of merchant propay account.
RenewalTerm	N	Account renewal term of merchant.
RenewalFeeAmount	N	Renewal fee amount of merchant.
FeeCurrency	N	Currency in which fee is to be consider.

### Example

[https://www.someurl.com/receivepage.aspx?NotificationEvent=Expiration&AccountNumber=716847259&NotificationEmail=test@propaytest.com&PrimaryFirstName=Clint&PrimaryLastName=Eastwood&DoingBusinessAs=Test Business&AvailableBalance=\\$100.00&ExternalId=7b4816f0402549689fc3&ExpirationDate=2018-11-19&RenewalTerm=Annually&RenewalFeeAmount=\\$50.00&FeeCurrency=USD](https://www.someurl.com/receivepage.aspx?NotificationEvent=Expiration&AccountNumber=716847259&NotificationEmail=test@propaytest.com&PrimaryFirstName=Clint&PrimaryLastName=Eastwood&DoingBusinessAs=Test Business&AvailableBalance=$100.00&ExternalId=7b4816f0402549689fc3&ExpirationDate=2018-11-19&RenewalTerm=Annually&RenewalFeeAmount=$50.00&FeeCurrency=USD)

### Note

Y in column "optional field in Query string" denotes that these field might or might not present in query string.

## 3.14 – Account Expiration Imminent

This message type occurs when a merchant account will expire in three days.

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'Renewal3Days'.
AccountNumber	N	ProPay account primary identifier.
NotificationEmail	N	Notification email address of the user.
PrimaryFirstName	N	Primary first name of the user.
PrimaryLastName	N	Primary last name of the user.
DoingBusinessAs	Y	Doing business as field of the user.
AvailableBalance	N	Indicates current available balance on the affected account
ExternalId	Y	External id of merchant account .
ExpirationDate	N	Expiration date of merchant propay account.
RenewalTerm	N	Account renewal term of merchant.
RenewalFeeAmount	N	Renewal fee amount of merchant.
FeeCurrency	N	Currency in which fee is to be consider.

### Example

[https://www.someurl.com/receivepage.aspx?NotificationEvent=Renewal3Days&AccountNumber=716847432&NotificationEmail=test@propaytest.com&PrimaryFirstName=Clint&PrimaryLastName=Eastwood&DoingBusinessAs=Test Business&AvailableBalance=\\$100.00&ExternalId=1f43ce1a4c3f4ebfa826&ExpirationDate=2018-11-23&RenewalTerm=Annually&RenewalFeeAmount=\\$50.00&FeeCurrency=USD](https://www.someurl.com/receivepage.aspx?NotificationEvent=Renewal3Days&AccountNumber=716847432&NotificationEmail=test@propaytest.com&PrimaryFirstName=Clint&PrimaryLastName=Eastwood&DoingBusinessAs=Test Business&AvailableBalance=$100.00&ExternalId=1f43ce1a4c3f4ebfa826&ExpirationDate=2018-11-23&RenewalTerm=Annually&RenewalFeeAmount=$50.00&FeeCurrency=USD)

### Note

Y in column "optional field in Query string" denotes that these field might or might not present in query string.

## 3.15 – Flash Funds Payment Method Updated

This message type notifies when flash fund card information is added/modified.

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'UpdateFlashFunds'.
AccountNumber	N	ProPay account primary identifier.
NotificationEmail	N	Notification email address of the user.
PrimaryFirstName	N	Primary first name of the user.
PrimaryLastName	N	Primary last name of the user.
DoingBusinessAs	Y	Doing business as field of the user.
UpdateDateTime	N	The date and time at which bank account is added/modified.
OldAccount	Y	Old bank account number.
NewAccount	N	New bank account number.

### Example

[https://www.someurl.com/receivepage.aspx?NotificationEvent=UpdateFlashFunds&AccountNumber=12345&&NotificationEmail=test@tester.com&PrimaryFirstName=John&PrimaryLastName=Doe&DoingBusinessAs=Hobby+Lobby&UpdateDateTime=2018-12-31\\_24:59:59&OldAccount=1234&NewAccount=5678](https://www.someurl.com/receivepage.aspx?NotificationEvent=UpdateFlashFunds&AccountNumber=12345&&NotificationEmail=test@tester.com&PrimaryFirstName=John&PrimaryLastName=Doe&DoingBusinessAs=Hobby+Lobby&UpdateDateTime=2018-12-31_24:59:59&OldAccount=1234&NewAccount=5678)

### Note

Y in column "optional field in Query string" denotes that these field might or might not present in query string.

## 3.16 – Soft Limit Notification

This is a notification for when ACH and Credit Card limits reach 75% and 100%

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'SoftLimitThreshold'
AccountNumber	N	ProPay account primary identifier
NotificationEmail	N	Notification email address of the user
PrimaryFirstName	N	Primary first name of the user
PrimaryLastName	N	Primary last name of the user
DoingBusinessAs	N	Doing business as field of the user
NotificationType	N	CC / or ACH
SoftLimitPercent	N	100 or 75

### Example

#### ACH notification:

##### ACH 75%

<https://www.someurl.com/receivepage.aspx?NotificationEvent=SoftLimitThreshold&AccountNumber=1518041643&NotificationEmail=6833c3c37jlvDznGxcY@propaytest.com&PrimaryFirstName=Clint&PrimaryLastName=Eastwood&DoingBusinessAs=TestDBa&NotificationType=ACH&SoftLimitPercent=75>

##### ACH 100%

<https://www.someurl.com/receivepage.aspx?NotificationEvent=SoftLimitThreshold&AccountNumber=1518041645&NotificationEmail=32e99cd70ffEirVGNbe@propaytest.com&PrimaryFirstName=Clint&PrimaryLastName=Eastwood&DoingBusinessAs=TestDBa&NotificationType=ACH&SoftLimitPercent=100>

#### Note

Y in column "optional field in Query string" denotes that these field might or might not present in query string.

#### Credit Card notification:

##### CC 75%

<https://www.someurl.com/receivepage.aspx?NotificationEvent=SoftLimitThreshold&AccountNumber=1518041649&NotificationEmail=58a058647fGfmSTruUK@propaytest.com&PrimaryFirstName=Clint&PrimaryLastName=Eastwood&DoingBusinessAs=TestDBA&NotificationType=CC&SoftLimitPercent=75>

##### CC 100%

<https://www.someurl.com/receivepage.aspx?NotificationEvent=SoftLimitThreshold&AccountNumber=1518041651&NotificationEmail=adca089dcyuzgyPHeHJ@propaytest.com&PrimaryFirstName=Clint&PrimaryLastName=Eastwood&DoingBusinessAs=TestDBA&NotificationType=CC&SoftLimitPercent=100>

## 3.17 – Account Holds

This message type notifies when a hold is placed or removed from an account.

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'UserStatusChange'.
AccountNumber	N	ProPay account primary identifier.
Attribute Name	N	Name of the reason to hold ACH transactions
OldValue	N	Previous value of the attribute ('account hold' or 'hold removed')
NewValue	N	New Attribute value ('account hold' or 'hold removed')
ChangeReason	Y	The reason for the user account status change **
ChangeDate	N	The date and time at which bank account is added/modified

### Example

<https://www.someurl.com/receivepage.aspx?NotificationEvent=UserStatusChange&AccountNumber=123456&AttributeName=ACHToManualHold&OldValue=False&NewValue=False&ChangeReason=Manual+change&ChangeDate=060920230856>

### \*\* Note

The change reason may be:

- Manual disablement by ProPay (ACHToManualHold)
- Disabled by customer via API (ACHToAPIHold)
- Disabled due to ACH Reject (CKOutRejectHold)
- Automatically disabled because bank account was recently changed (ACHToBankValidationHold)

## 3.18 – Software Fee and Device Rental Fee Charges

This feature notifies the affiliate which submerchant will be billed for Software Fee or Device Fees. This is a monthly notification, and has billing/invoice details.

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'RentalFee'.
dateInvoiceGenerated	N	Date invoice is generated / date notification is sent. Format: short date
paymentDueDate	N	Payment due date, usually the end of the month. Format: short date
AccountNumber	N	ProPay account primary identifier
DoingBusinessAs	N	The DBA of the user account
fullName	N	Merchant / individual first name '' Merchant / Individual last name
BillingAddress1	N	Billing Address 1
billingAddress2	N	Billing Address 2
city	N	City
zipCode		ZIP Code
FeeCurrency		Currency code
softwareFeeAmount		The amount of the software fee
deviceFees		Device fee information is displayed in an array []. Multiple devices are separated by commas, and contains the following details (per device): Device name_ TerminalID_ Rental amount_ Tax amount_ Eg: [[Castles\$1000FSaRest_TerminalId_60880051,Castles\$1000FSaRest_DeviceRentalAmount_500,Castles\$1000FSaRest_TaxAmount_0],[Castles\$1000_TerminalId_60880052,Castles\$1000_DeviceRentalAmount_500,Castles\$1000_TaxAmount_0]
totalDeviceRentalAmount		Sum of all devices rental amount
sumTaxAmount		Sum of all devices tax amount
totalDeviceAndTaxAndSoftwareAmount		Sum of the SftwareFeeAmount, TotalDeviceRentalAmount, and SumTaxAmount
vatNo	Y	For UK value is always 927271515. *Not applicable for CA and US

### Example:

[https://www.someurl.com/receivepage.aspx?NotificationEvent=RentalFee&dateInvoiceGenerated=8/17/2023&paymentDueDate=9/30/2023&AccountNumber=718043235&DoingBusinessAs=Test Restaurant Merchant&fullName=Restaurant Test&BillingAddress1=123 Main Street&billingAddress2=111&city=Toronto&zipCode=M4C1A4&FeeCurrency=CAD&softwareFeeAmount=1800&deviceFees=\[\\_TerminalId\\_0,\\_DeviceRentalAmount\\_0,\\_TaxAmount\\_0\],\[Castles\\$1000FSaRest\\_TerminalId\\_60880051,Castles\\$1000FSaRest\\_DeviceRentalAmount\\_500,Castles\\$1000FSaRest\\_TaxAmount\\_50\],\[Castles\\$1000\\_TerminalId\\_60880052,Castles\\$1000\\_DeviceRentalAmount\\_500,Castles\\$1000\\_TaxAmount\\_50\]&totalDeviceRentalAmount=1000&sumTaxAmount=100&totalDeviceAndTaxAndSoftwareAmount=2900&vatNo=927271515](https://www.someurl.com/receivepage.aspx?NotificationEvent=RentalFee&dateInvoiceGenerated=8/17/2023&paymentDueDate=9/30/2023&AccountNumber=718043235&DoingBusinessAs=Test Restaurant Merchant&fullName=Restaurant Test&BillingAddress1=123 Main Street&billingAddress2=111&city=Toronto&zipCode=M4C1A4&FeeCurrency=CAD&softwareFeeAmount=1800&deviceFees=[_TerminalId_0,_DeviceRentalAmount_0,_TaxAmount_0],[Castles$1000FSaRest_TerminalId_60880051,Castles$1000FSaRest_DeviceRentalAmount_500,Castles$1000FSaRest_TaxAmount_50],[Castles$1000_TerminalId_60880052,Castles$1000_DeviceRentalAmount_500,Castles$1000_TaxAmount_50]&totalDeviceRentalAmount=1000&sumTaxAmount=100&totalDeviceAndTaxAndSoftwareAmount=2900&vatNo=927271515)

## 3.19 – Equifax URL Received

This message type notifies the affiliate about the Equifax bank account validation URL

### Query String Parameters

Parameter	Optional Field in Query string	Description
<b>NotificationEvent</b>	N	Always 'EquifaxURLReceived'
<b>AccountNumber</b>	N	ProPay account primary identifier
<b>NotificationEmail</b>	N	Notification email address of the user
<b>PrimaryFirstName</b>	N	Primary first name of the user
<b>PrimaryLastName</b>	N	Primary last name of the user
<b>DoingBusinessAs</b>	Y	Doing business as field of the user
<b>EquifaxURL</b>	N	The URL received from Equifax

### Example

<https://www.someurl.com/receivepage.aspx?NotificationEvent=EquifaxURLReceived&AccountNumber=3299392&NotificationEmail=test@gmail.com&PrimaryFirstName=John&PrimaryLastName=Doe&DoingBusinessAs=Hobby&EquifaxURL=https://connect.consent.dev.online/propay?token=Q9PozqeBUxbtlnbHd4WpsOke35h9VnkyKrg39gEYVHX7NpyAGBOHIDkquRcHbCzP1iwgCsXmg9uUKuyX08qDuKCZSRdEhGBCYkdAF5yGeQTJXe8GYhDX%2FJvsOTqhViHlttX7hpNc1boVGLcXKKV8ZGI0NO4Z%2BcuzenhVZqCtzMY%2BKDc4WadtGDxB16s3Vf%2F6faQiC0bDo39GaNSaHcAOiUnPfo%2FQX8W3DEsjSP%2Boz3HpCI9xbHckJpPgQdNUHf9tIRnel%2BwSTjckY6jewanJsK5mkzwyNPAXx6SxbIBo9xqv95vFE19Zq0GXSE5mYzGZJPzP9tnxkeYXaPBUI8nWX1%2FqfU7Q70lpawV6kl%2FNe4Gp2W6kuTBgRNqO2qTjhipi84fA%2FwyatKv1S51EgvZnoAgreKVXKNgD31bBMknfZodVzWvul24OsPBqpTpiJbWIRky8Gf%2FDii81oWcLsEt>

## 3.20 – Equifax Bank Validation Response

This message type notifies when a hold is placed or removed from an account.

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'Chargeback'.
AccountNumber	N	ProPay account primary identifier.
Attribute Name	N	Name of the reason to hold ACH transactions
OldValue	N	Previous value of the attribute ('account hold' or 'hold removed')
NewValue	N	New Attribute value ('account hold' or 'hold removed')
ChangeReason	Y	The reason for the user account status change **
ChangeDate	N	The date and time at which bank account is added/modified

### Example (positive response):

<https://www.someurl.com/receivepage.aspx?NotificationEvent=EquifaxBankValidationResponse&AccountNumber=3299392&NotificationEmail=test@gmail.com&PrimaryFirstName=John&PrimaryLastName=Doe&DoingBusinessAs=Hobby&SuccessfulBankValidation=Y>

### Example (negative response):

<https://www.someurl.com/receivepage.aspx?NotificationEvent=EquifaxBankValidationResponse&AccountNumber=3299392&NotificationEmail=test@gmail.com&PrimaryFirstName=John&PrimaryLastName=Doe&DoingBusinessAs=Hobby&SuccessfulBankValidation=N&ReasonForFailure=Fuzzy+logic+failed>

## 3.21 – Resolved Chargeback

This message type notifies when a chargeback is resolved.

### Query String Parameters

Parameter	Optional Field in Query string	Description
NotificationEvent	N	Always 'ResolvedChargeback'.
Result	N	Value can be either 'Debit' or 'Credit', depending on the chargeback type.
AccountNumber	N	ProPay account primary identifier.
IdentityId	N	ProPay identifier specific to mobile SDK.
TransactionNumber	N	Identifies the rejected transaction.
TransactionAmount	N	Chargeback amount.
TransactionFee	N	Chargeback fee.
gatewayTransactionId	Y	The transaction identification number for the Gateway.
globaltransId	Y	The transaction identification number for the Global Payments facilitator which is integrated to ProPay and which the sub merchant interfaces with directly.
globalTransSource	Y	The Source of the transaction, identification number for Global Payments facilitator which is integrated to ProPay and which the sub merchant interfaces with directly.

### Example:

[https://www.someurl.com/receivepage.aspx?](https://www.someurl.com/receivepage.aspx?NotificationEvent=ResolvedChargeback&Result=Credit&AccountNumber=718043869&IdentityId=800008333&TransactionNumber=1&TransactionAmount=$100.00&TransactionFee=$0.00&gatewayTransactionId=1234567891011&globaltransId=fed7fb85-0219-4e4c-9e73-ca907ac549ad&globalTransSource=someValue)

[NotificationEvent=ResolvedChargeback&Result=Credit&AccountNumber=718043869&IdentityId=800008333&TransactionNumber=1&TransactionAmount=\\$100.00&TransactionFee=\\$0.00&gatewayTransactionId=1234567891011&globaltransId=fed7fb85-0219-4e4c-9e73-ca907ac549ad&globalTransSource=someValue](https://www.someurl.com/receivepage.aspx?NotificationEvent=ResolvedChargeback&Result=Credit&AccountNumber=718043869&IdentityId=800008333&TransactionNumber=1&TransactionAmount=$100.00&TransactionFee=$0.00&gatewayTransactionId=1234567891011&globaltransId=fed7fb85-0219-4e4c-9e73-ca907ac549ad&globalTransSource=someValue)

### Note:

Y in column “Optional Field in Query string” denotes that these field might or might not be present in the query string.