PROPAY® APPLICATION PROGRAMMING INTERFACE - REST

Instruction to interface with ProPay®

PROPAY
A TSYS® Company

Date	Version	Description	Author
01/15/2020	6.18.7	Updated various wording and 2ormatting Updated Sample request for signups to include Beneficial Owner Data	Implementations
01/23/2020	6.18.8	Added General Ledger to Gross Billing Bank Account	Implementations
04/21/2020	6.18.9	Updated several sample request Updated birthday description field to reflect change in values to get a success	Implementations
06/09/2020	6.18.10	Added New Methods: • 4.2 Edit a ProPay Account sections 4.2 to 4.9 • 5.6 Flash Funds – Add or Change Card Assigned to a ProPay Account • 5.7 Flash Funds – Push Funds to On-File Card • 8.2 Get Current ProPay Account Balance **Note: To standardize new REST methods these will require the account number to be included in the Resource URI. See specific section for details. Existing methods will be updated in the future with sufficient notice.	Implementations
07/07/2020	6.18.11	Added New Method: • 8.4 Enhanced Account Details	Implementations
2/17/2020	6.18.12	Portico updates added	Implementations
7/7/22	6.18.13	Added new previous address and business info and tags to Transtype 01	Product
01/12/23	6.18.14	Added new UK tabs to transtype 42 (edit account and business address)	Product
02/24/23	6.18.15	Added Equifax Address Lookup (Transtype 212)	Product
03/01/23	6.18.16	Added beneficial owner info (Transtype 01) Previous address, etc.	Product
09/07/23	6.18.16	Added 4.31 – Device order Tax Calculation	Product
10/02/23	6.18.17	Added 4.30 – Device order (Transtype 430)	Product
01/09/24	6.18.18	Added 4.32 – Edit Merchant Transfer Funds Configuration, Added Sweep note to 8.4	Product
04/09/24	6.18.19	Added additional fields to 8.4 – enhanced account ping	Product
04/17/24	6.18.20	changed notes for average, highest, and bankcardvolume defaults to null, 4.1, 8.4	Product

Contents

General Information about the ProPay REST Interface

REST combines a base URI, mapped Resource URI elements, and standard HTTP methods for many ProPay API methods.

- When using the GET or DELETE HTTP methods, the API request does not need more information passed.
- When using POST and PUT HTTP methods, information is sent in the form of JavaScript Object Notation (JSON) objects.
- The API will return a JSON object as a response to each API request regardless of which HTTP method was used.
- When submitting JSON objects in an API request, the Content-Type should be set to 'application/json' and the Content-Length field should be set to the length of the data.
- Developers should be prepared to handle null values. In case of a null value the ProPay API REST API may return ":null" or the element may not be returned.

API Authorization

The REST interface uses Basic HTTP Authentication for API requests, with the CertStr as the username and the TermId as the password. This must be added to the HTTP header as the value of the 'Authorization' field. Creating the Authorization Header value requires the following steps:

1. Combine the CertStr, a Colon, and the termId (MyCertStr:MyTermId). If a termId has not been provided only use the CertStr without a colon (MyCertStr).
2. Convert the Result of Step 1 to an ASCII Byte Array
3. Base 64 Encode the Result of Step 2
4. Prepend "Basic " to the Result of Step 3
5. Add 'Authorization' as an HTTP header and set its value to the result of Step 4

Sample HTTP Header

HTTP Header Field	Value
Authorization	Basic TXlUZXJtSWQ6TXlDZXJ0U3Ry
Content-Length	*Varies Depending on Length of Content submitted
Content-Type	application/json
Method	*Varies Depending on Method: GET, DELETE, PUT, POST

Resource URI and HTTP Methods

The request URI is constructed from a Base URI and a Resource URI appended. A Resource URI may be used differently based on the HTTP verb of the request. Consider the following Example:

> ProPay Integration environment Base URI: https://xmltestapi.propay.com
> Resource: /propayAPI/signup
> HTTP Method: PUT
> Request Endpoint: PUT https://xmltestapi.propay.com/propayapi/signup

4.1 Create a ProPay Account

This section describes data required to create a ProPay merchant account.

– Upon successful creation, an account number and temporary password will be returned. If the new account holder logs into ProPay's website, he or she will be afforded the opportunity to change his or her password.

– Items flagged a "Best Practice" are highly recommended when boarding a new merchant. Not providing these fields may increase the likelihood of holds being placed on production accounts.

Identity Verification

In order to comply with Industry regulations and legal requirements, ProPay must validate the identity of each merchant account created. ProPay uses a major third-party credit reporting services to perform identity validation on the individual or business enrolling for each account. Validation will be performed based on either:

Personal Information

This validation is performed using the supplied required merchant/distributor personal information. Exact requirements differ by market.

– In the U.S. a social security number is required and used to validate the applicant's identity

– In Canada, no specific government-issued document is required

– In Australia and New Zealand, the Medical Insurance Number is recommended for higher approval rates

Business Information

ProPay can validate a business using its Tax ID number along with other required fields. Note: Business validation is not possible for card-only accounts or, currently, outside of the U.S. Approval to perform business validation is required.

– Business Accounts are ineligible for ProPay MasterCards

– Business Accounts cannot utilize ProPay API method 4.2.2. Reset ProPay Account Password. Passwords are reset online by supplying the EIN instead of SSN, or by contacting ProPay Customer Service (NOTE: for UK merchants, do not pass the EIN value.)

ThreatMetrix Signup Validation:

ProPay uses a best in class fraud prevention tool provided by ThreatMetrix. Some of our API partners may also be required to implement this solution into their own signup flows. ThreatMetrix requires that:

– The partner includes an 'iFramed' widget on their website. Into the URL of this iFrame, the partner passes a unique ID of their own creation.

– The partner then includes extra data in their signup API request (Including the same unique identifier passed into the iFrame).

International Signups:

Designating a signup as international is accomplished by specifying a <country> tag other than USA. If <country> is not passed, USA is assumed. Most international signups are performed for a ProPay Card-Only account that cannot process credit cards. Merchant accounts are currently available only in the US, Canada, Australia and New Zealand. Many of the formatting rules that exist for domestic signups are relaxed for international accounts and many of the required tags are optional for international signups. Please note that state and country are still limited to 3 characters for international signups.

Even though addresses outside of the United States contain values other than 'zip code' or 'state', ProPay uses these tags to define their analogous counterparts. Please use <zip> to define any type of postal routing code, and use <state> to define a province, county, shire, prefecture, etc.

In the United States, state values must conform to standardized abbreviations, and zip codes must be of either 5 or 9 digit lengths without a dash. These restrictions are not true for international signups where <state> can be longer than two characters. Formatting characters such as spaces and dashes should be omitted, unless these are considered part of the actual state or zip in that country.

Similarly, in the United States, phone numbers must be standardized as ten digits while outside of the US, lengths may vary. Please omit all formatting characters.

Paying for a ProPay Account

If the client program is configured in such a way that the business entity will pay for all ProPay accounts enrolled under its affiliation, or that the individual users will pay ProPay directly when activating their account, no payment information is required to be submitted at the time of enrollment.

ProPay accounts must be paid for before funds can be accessed or payment transactions may be performed. If the client program involves a direct payment for the account by the user at the time of enrollment, the optional payment information elements may be passed in the request. International Card-Only accounts may receive commission disbursements prior to ID verification, but the user will not be able to access funds until activation is complete.

Special notes on the use of ExternalId tag:

Generally the 'ExternalId' tag is used to store a value in ProPay that identifies the user in the client solution system. Omitting the ExternalId may prevent users from restoring a lost password, and prevents an affiliate from performing a request for account details from ProPay using that value.

Personal Data – Required

Element	Type	Max	Required	Notes
PersonalData{ FirstName	String	20	Required	Merchant/Individual first names.
PersonalData{ MiddleInitial	String	2	Optional	Merchant/Individual middle initial.
PersonalData{ LastName	String	25	Required	Merchant/Individual last name.
PersonalData{ DateOfBirth	String		Required	Merchant/Individual Date of birth. Must be in 'mm-dd-yyyy' format. *Individual must be 18+ to obtain an account. A birthday of 01-01-1971 will return a Status 66 (Failed KYC) in the test environment.
PersonalData{ SocialSecurityNumber	String	9	Optional*	Merchant/Individual social security number. Must be 9 characters without dashes. *Required for USA when using personal validation. If business validated, do not pass!
PersonalData{ SourceEmail	String	55	Required	Merchant/Individual email address. Must be unique in ProPay system. *ProPay's system will send automated emails to the email address on file unless NotificationEmail is provided. *Truncated, if value provided is greater than max value.
PersonalData{ PhoneInformation{ DayPhone	String		Required	Merchant/Individual day phone number. *For USA, CAN, NZL and AUS value must be 10 characters with no dashes
PeronsalData{ PhoneInformation{ EveningPhone	String		Required	Merchant/Individual evening phone number. *For USA, CAN, NZL and AUS value must be 10 characters with no dashes
PersonalData{ NotificationEmail	String	55	Optional	Communication Email Address. *ProPay's system will send automated emails to the NotificationEmail address on file rather than the Source Email.

PersonalData{ TimeZone	String	5	Optional	Required for partners ordering Portico devices. Supported values (UTC, PT, MST, MT, CT, ET, HST, AT, AST, AKST)
PersonalData{ IpSignup	String		Optional	Signup IP Address
PersonalData{ USCitizen	String		Optional	When marked true, the submerchant is attesting that they are a US citizen. (Value passed should be either true, false, or null)
PersonalData{ BOAttestation	String		Optional	When marked true, the submerchant is attesting that there are no other individuals that have 25% ownership or a controlling interest in the entity that have not already been disclosed elsewhere in the application process. The partner is also attesting that a pop up or other message has been displayed to the submerchant to explain these requirements. (Value Passed should be Either true, false or null)
PersonalData{ TermsAcceptanceIP	String		Optional	The IP address of the device that was used to agree to ProPay's Terms and Conditions.(Maximum value should be accepted 15 characters)
PersonalData{ TermsAcceptanceTimeStamp	String		Optional	The timestamp associated with the agreement to ProPay's Terms and Conditions
PersonalData{ TermsVersion	String		Optional	This refers to the version of our terms and conditions that was provided to the submerchant for review and to which they are agreeing.(Valid numeric values are 1 - 5 1 - merchant US 2 - payment US 3 - merchant CA 4 - merchant UK 5 - merchant AU)
PersonalData{ Nationality	String	3	Optional	This represents the country in which the merchant was born. ISO 3166 3 Digit alpha code applies. For Example: GBR, USA, etc. *Mandatory for UK merchants
SignupAccountData{ CurrencyCode	String	3	Optional*	Required to specify the currency in which funds should be held, if other than USD. An affiliation must be granted permission to create accounts in currencies other than USD. ISO 4217 standard 3 character currency code.
SignupAccountData{ Tier	String		Optional*	One of the previously assigned merchant tiers. *If not provided, will default to cheapest available tier.
SignupAccountData{ ExternalId	String	20	Optional	This is a partner's own unique identifier. Typically used as the distributor or consultant ID. For UK Merchant, use to capture Partner Bank CIN
SignupAccountData{ PhonePin	String	4	Optional	Numeric value which will give a user access to ProPay's IVR system. Can also be used to reset password.
SignupAccountData{ UserId	String	55	Optional	ProPay account username. Must be unique in ProPay system. *Username defaults to <sourceEmail> if userId is not provided.

Personal Address - Required

Element	Type	Max	Required	Notes
Address{ Address1	String	100	Required	Merchant/Individual physical street Address. PO Boxes are not allowed. Alphanumeric. *For UK merchants, this is Merchant/Individual physical street Address without the building / house number. For Example: 501a Halfway Street – Value for this tag would be Halfway Street. *Mandatory for UK Merchants
Address{	String	100	Optional	Merchant/Individual physical Address. Use for 2nd Address Line

Element	Type	Max	Required	Notes
Address2				
Address{ Address3	String	100	Optional	Merchant/Individual physical Address. Alphanumeric. *For UK Merchants, use to provide the Building / Home Name. For Example: Primrose Cottage
Address{ City	String	30	Required	Merchant/Individual physical Address city. *Mandatory for UK merchants
Address{ State	String	3	Required	Merchant/Individual physical Address state. *Standard 2 character abbreviation for state, province, prefecture, etc. *Does not apply to UK Merchants
Address{ Zip	String		Required	Merchant/Individual physical Address zip/postal code. For the USA: 5 or 9 characters without a dash. For CAN: 6 characters postal code with a space "XXX XXX" For AUS and NZ 4 character code. For the UK: 6 - 8 alphanumeric character postal code with a space. The first part is 2 - 4 digits. The 2nd half is 3 digits "YYYY YYY". *Mandatory for UK merchants
Address{ Country	String	3	Optional	ISO 3166 standard 3 character country codes. Required if creating an account in a country other than USA. *Country must be an approved country to create a ProPay account.
Address{ AddresId	String	20	Optional	This is a unique address identification number assigned to each address returned by Equifax. *The value for this tag is provided in the Address Lookup API response
Address{ BldgNumber	String	50	Optional	This is the building / home number for the street address. For Example: 501a Halfway Street. Value for this tag would be "501a". *Mandatory for UK merchants
Address{ District	String	50	Optional	The District associated with the Merchant's address. *For use by UK merchants
Address{ PostTown	String	100	Optional	The post town that is associated with the Merchant's address. *Mandatory for UK merchants
Address{ County	String	50	Optional	The county associated with the Merchant's address. *Mandatory for UK merchants
Address{ TimeAtAddress	Integer	3	Optional	The length of time the merchant has lived in their current address, represented in whole months (i.e. 5, 10, etc.). *Mandatory for UK merchants

Personal Previous Address - Optional

Element	Type	Max	Required	Notes
PreviousAddress{ PreviousBuildingNumber	String	50	Optional	This is the building / home number for the previous street address. For Example: 501a Halfway Street. The value for this tag would be 501a. *Required for UK merchants if time in current address less than 24 months
PreviousAddress{ PreviousAddress	String	100	Optional	Merchant/Individual physical previous street Address without the building / house number. For Example: 501a Halfway Street. The value for this tag would be Halfway Street. PO Boxes are not allowed. Alphanumeric. *Required for UK merchants if time in current address less than 24 months
PreviousAddress{ PreviousAptNumber	String	100	Optional	Merchant/Individual previous physical Address. Use for the 2nd Address Line. *Required for UK merchants if time in current address less than 24 months
PreviousAddress3	String	100	Optional	Merchant/Individual previous physical Address. Alphanumeric. *For UK merchants, use to provide the Building / Home Name. For Example: Primrose Cottage
PreviousAddress{ PreviousCity	String	30	Optional	Merchant/Individual previous physical Address city. *Required for UK merchants if time in current address less than 24 months
PreviousAddress{	String	50	Optional	The county associated with the Merchant's previous address.

Element	Type	Max	Required	Notes
PreviousCounty				*Required for UK merchants if time in current address less than 24 months
PreviousAddress{ PreviousDistrict	String	50	Optional	The District associated with the Merchant's previous address. *For use by UK merchants
PreviousAddress{ PreviousPostTown	String	100	Optional	The post town that is associated with the Merchant's previous address. *Required for UK merchants if time in current address less than 24 months
PreviousAddress{ PreivousState	String	3	Optional	Merchant/Individual previous physical Address state. Standard 2 character abbreviation for state, province, prefecture, etc. *Does not apply to UK merchants
PreviousAddress{ PreviousZip	String	9	Optional	Merchant/Individual previous physical Address zip/postal code. For the USA: 5 or 9 characters without a dash. For CAN: 6 character postal code with a space "XXX XXX" For AUS and NZ 4 character code. For the UK: 6 - 8 alphanumeric character postal code with a space. The first part is 2 - 4 digits. The 2nd half is 3 digits "YYYY YYY". *Required for UK merchants if time in current address less than 24 months
PreviousAddress{ PreviousCountry	String	3	Optional	ISO 3166 standard 3 character country codes. Required if creating an account in a country other than the USA. *Country must be an approved country to create a ProPay account. US Territories should use 'USA'. *Required for UK merchants if time in current address less than 24 months
Address{ PreviousAddressId	String	20	Optional	This is a unique address identity number assigned to each distinct address returned by Equifax. **The value for this tag is provided in the Address Lookup API response**

Business Data – Required for business validated accounts. May also be required for personal validated accounts by ProPay Risk Team

Element	Type	Max	Required	Notes
BusinessData{ BusinessLegalName	String	255	Required	The legal name of the business as registered.
BusinessData{ DoingBusinessAs	String	255	Required	This field can be used to provide DBA information on an account. ProPay accounts can be configured to display DBA on cc statements.
BusinessData{ EIN	String		Required	Employer Identification Number can be added to a ProPay account. Must be 9 Characters without dashes. *For UK, Do not pass
BusinessData{ MerchantCategoryCode	String	4	Optional	Merchant Category Code
BusinessData{ WebsiteURL	String	255	Required	The Business' website URL
BusinessData{ BusinessDescription	String	255	Required	The Business' description
BusinessData{ MonthlyBankCardVolume	Int(64)		Required	The monthly volume of bank card transactions; Value representing the number of pennies in USD, or the number of [currency] without decimals. Defaults to null if not sent.
BusinessData{ AverageTicket	Int(64)		Required	The average amount of an individual transaction; Value representing the number of pennies in USD, or the number of [currency] without decimals. Defaults to null if not sent.
BusinessData{ HighestTicket	Int(64)		Required	The highest transaction amount; Value representing the number of pennies in USD, or the number of [currency] without decimals. Defaults to null if not sent.
BusinessAddress{ Address1	String	100	Required	Business Physical Address
BusinessAddress{ Address2	String	100	Optional	Business Physical Address *For UK merchants, use to provide the Flat or Suite #. For Example: Flat B	Suite 103
BusinessAddress{	String	30	Required	Business Physical Address City

City				
BusinessAddress{ Country	String		Required	Must be ISO standard 3 character country code.
BusinessAddress{ State	String	3	Required	If domestic signup this value MUST be one of the standard 2 character abbreviations. Rule also applies for Canadian signups. (Must be standard province abbreviation.) *Does not apply to UK merchants
BusinessAddress{ Zip	String		Required	For the USA: 5 or 9 characters without a dash. For CAN: 6 characters postal code with a space "XXX XXX". For AUS and NZ 4 character code. For the UK: 6 - 8 alphanumeric character postal code with a space. The first part is 2 - 4 digits. The 2nd half is 3 digits "YYYY YYY".
BusinessData{ BusinessRegistrationNumber	String		Optional	Company registration number. *Mandatory for merchants outside of the United States whose Business Type is Limited Company
BusinessData{ BusinessPhoneNumber	String		Optional	Business day phone number. *For USA, CAN, NZL and AUS values must be 10 characters. For the UK, the value must be 11 characters. *Mandatory for UK merchants
BusinessAddress{ Address3	String		Optional	Business Physical Address. *For UK merchants, use to provide the Building Name
BusinessAddress{ District	String		Optional	The District associated with the business address. *For use by UK merchants
BusinessAddress{ PostTown	String		Optional	The post town that is associated with the business address. *Mandatory for UK merchants
BusinessAddress{ County	String		Optional	The county associated with the business address. *Mandatory for UK merchants
BusinessAddress{ TimeAtBusinessAddress	Integer		Optional	The length of time the business has been at the current address represented in whole months (i.e. 5, 10, etc.). *Required for UK merchants if business has been at current address less than 24 months

| BusinessAddress{
BusinessType | String | | Optional | Busiiness Type is mandatory for Uk merchants. (UK mandatory values include D, P, Q, R, S)
Valid values are: |

BusinessType	Valid Value
C - Corp. (Non-publicly traded) Limited Company	D
C - Corp. (Publicly traded)	E
501c3 Non-Profit Organization	F
Municipality or Government Organization	G
LLC (Non-publicly traded)	M
LLC (Publicly traded)	N
General Partnership	Q
Publicly Traded Partnership	R

				Limited Liability Partnership	
				Sole Proprietorship Sole Trader	S
				American Express Reserved Indicator	X
				Limited Partnership	P
LegalAddress{ Address	String	100	Optional	The registered office address, which can differ from where the business is actually run. Legal physical address. PO Boxes are not allowed. Alphanumeric. **Required for the UK**	
LegalAddress{ Address2	String	100	Optional	Legal physical address. PO Boxes are not allowed. Alphanumeric. **For the UK, use to provide the Flat or Suite #. For example: Flat B	Suite 103**	
LegalAddress{ Address3	String	100	Optional	Legal physical address. PO Boxes are not allowed. Alphanumeric. **For the UK, use to provide the Building Name**	
LegalAddress{ City	String	30	Optional	Legal physical address: City **Requried for the UK**	
LegalAddress{ County	String	50	Optional	Legal physical address: County. **For use in the UK**	
LegalAddress{ District	String	50	Optional	Legal Physical Address: Disctrict. **For use in the UK**	
LegalAddress{ PostTown	String	100	Optional	Legal Physical Address: Post Town. **Required for the UK**	
LegalAddress{ State	String	3	Optional	Legal Physical Address: State. **Does not apply to UK**	
LegalAddress{ Zip	String	9	Optional	Legal Physical Address: Zip Code. For USA: 5 or 9 characters without dash. For CAN: 6 character postal code with a space"XXX XXX". For AUS and NZ 4 character code. For the UK: Zip Code is 6-8 characters in length with the first character being alphabetic: A9 9AA (6 Char.), A99 9AA (7 Char.), AA9A 9AA (8 Char.). **Requried for the UK**	
LegalAddress{ Country	String	3	Optional	Must be ISO standard 3 character country code. **Requried for the UK**	
EstimatedCardUsage{ CardPresent	String	3	Required	Estimate. This is the percentage of merchant's transactions that are card present, (Chip, Touch, Swipe, etc). This is a percentage value of all expected processing. Values must be between 0 and 100. Total of all estimated values must equal 100.	
EstimatedCardUsage{ CardNotPresentKeyed	String	3	Required	Depreceiated – no longer valid. Place a '0' here unless otherwise known. Estimate. This is the percentage of merchant's transactions that are card not present - keyed processing. Values must be between 0 and 100. Total of all estimated values must equal 100.	
EstimatedCardUsage{Card NotPresentEcommerce	String	3	Required	Estimate. This is the percentage of merchant's transactions that are card not present – ecommerce. (ex. online store purchasing, etc.). Values must be between 0 and 100. Total of all estimated values must equal 100.	

Business Previous Address – Optional

Element	Type	Max	Required	Notes
BusinessPreviousAddress{ PreviousAddress	String	100	Optional	Business physical address. PO Boxes are not allowed. Alphanumeric. *Required for UK merchants if Merchant has been at current business address less than 24 months
BusinessPreviousAddress{ PreviousAddress2	String	100	Optional	Business physical address. PO Boxes are not allowed. Alphanumeric.
BusinessPreviousAddress{ PreviousAddress3	String	100	Optional	Business physical address. PO Boxes are not allowed. Alphanumeric. *For UK merchants, use to provide the Building Name
BusinessPreviousAddress{ PreviousCity	String	30	Optional	Business Physical Address: City. *Required for UK merchants if Merchant has been at current business address less than 24 months
BusinessPreviousAddress{ PreviousCounty	String	50	Optional	The county associated with the business previous address. *Required for UK merchants if Merchant has been at current business address less than 24 months
BusinessPreviousAddress{ PreviousDistrict	String	50	Optional	The District associated with the business previous address. *For use by UK merchants
BusinessPreviousAddress{ PreviousPostTown	String	100	Optional	The post town that is associated with the business previous address. *Required for UK merchants if Merchant has been at current business address less than 24 months
BusinessPreviousAddress{ PreviousState	String	3	Optional	Business Physical Address: State. Standard 2 character abbreviation for state, province, prefecture, etc. *Does not apply to UK merchants
BusinessPreviousAddress{ PrevoiusZip	String	9	Optional	Business physical address zip/postal code. For the USA: 5 or 9 characters without a dash. For CAN: 6 character postal code with a space "XXX XXX" For the UK: 6 - 8 alphanumeric character postal code with a space. The first part is 2 - 4 digits. The 2nd half is 3 digits "YYYY YYY". *Required for UK merchants if Merchant has been at current business address less than 24 months
BusinessPreviousAddress{ PreviousCountry	String	3	Optional	Must be ISO standard 3 character country code. *Required for UK merchants if Merchant has been at current business address less than 24 months

International Signup Data – Frequently Required for partners who sign up international merchants

Element	Type	Max	Required	Notes
PersonalData{ InternationalData{ DocumentType	String	1	Optional*	Values 1(Driver's license), 2(Passport), 3(Australia Medicare)
PersonalData{ InternationalData{ InternationalId	String		Optional*	Corresponds to the document number provided by DocumentType.
PersonalData{ InternationalData{ DocumentExpDate	String		Optional*	Corresponds to the Expiry date of the document provided by DocumentType. Should be a valid date. mm-dd-yyyy
PersonalData{ InternationalData{ DocumentIssuingState	String	3	Optional*	Required if the DocumentType is 1 (Driver's license). The driver's license issuing state.
PersonalData{ InternationalData{ DriversLicenseVersion	String		Optional*	Required if the DocumentType is 1 (Driver's license) and Country is NZL. This is driver's license version number.

PersonalData{ InternationalData{ MedicareReferenceNumber	String	1	Optional*	Required if the DocumentType is 3 (Australia Medicare) and Country is AUS. The data should be parsed to Number.
PersonalData{ InternationalData{ MedicareCardColor	String		Optional*	Required if the DocumentType is 3 (Australia Medicare) and Country is AUS. ▪ Yellow ▪ Green ▪ Blue

Account Payment (Credit Card) Information – A payment method is required if an account fee is set and not paid for by partner

Element	Type	Max	Required	Notes
CreditCardData{ NameOnCard	String		Required	Card holder's name as it appears on card.
CreditCardData{ CreditCardNumber	String	16	Required	Must pass Luhn check. Used to pay for an account if ProPay has not set account type up as free to users.
CreditCardData{ ExpDate	String	4	Required	Used to pay for an account if ProPay has not set account type up as free to users. Submitted as mmyy.
CreditCardData{ CVV	String		Required	The credit card CVV code

Account Payment (ACH) Information – A payment method is required if an account fee is set and not paid for by partner

Element	Type	Max	Required	Notes
PaymentBank{ AccountNumber	String		Required	Used to pay for an account via ACH and monthly renewal. Financial institution account number.
PaymentBank{ RoutingNumber	String		Required	Used to pay for an account via ACH and monthly renewal. Financial institution routing number. Must be a valid ACH routing number.
PaymentBank{ AccountType	String		Required	Used to pay for an account via ACH and monthly renewal. Valid values are: Checking, Savings, and GeneralLedger

Account Payment (ProtectPay) Information – A payment method is required if account fee not paid for by partner

Element	Type	Max	Required	Notes
PaymentMethodId	String		Required	Used to pay for an account via a ProtectPay Payment Method ID. Valid value is a GUID.

Mailing Address – Optional. Used if mailed correspondence from Propay should be sent to separate address

Element		Type	Max	Required	Notes
MailAddress{ Address1	String	100		Optional	Merchant/Individual mailing address if different than physical address.
MailAddress{ Address2	String			Optional	Merchant/Individual mailing address if different than physical address.
MailAddress{ Address3	String	100		Optional	Merchant/Individual mailing address if different than physical address. *For UK merchants, use to provide the Building / Home Name. For Example: Primrose Cottage
MailAddress{ City	String	30		Optional	Merchant/Individual mailing city if different than physical address.

MailAddress{ State	String	3	Optional	Merchant/Individual mailing state if different than physical address. *Standard 2 character abbreviation for state, province, prefecture, etc. *Does not apply to UK merchants
MailAddress{ Country	String	3	Optional	ISO 3166 standard 3 character country codes. Required if creating an account in a country other than USA.
MailAddress{ Zip	String		Optional	Merchant/Individual mailing zip/postal code if different than physical address. For the USA: 5 or 9 characters without a dash. For CAN: 6 characters postal code with a space "XXX XXX" For AUS and NZ 4 character code. For the UK: 6 - 8 alphanumeric character postal code with a space. The first part is 2 - 4 digits. The 2nd half is 3 digits "YYYY YYY".
MailAddress{ District	String	50	Optional	The District associated with the mailing address. *For use by UK merchants
MailAddress{ PostTown	String	100	Optional	The Post town associated with the mailing address. *For use by UK merchants
MailAddress{ County	String	50	Optional	The county associated with the mailing address. *For use by UK merchants

Primary Bank Account Information – Optional. Used to add a bank account to which funds can be settled

Element	Type	Max	Required	Notes
BankAccount{ AccountCountryCode	String	3	Required	ISO 3166 standard 3-character country code.
BankAccount{ AccountName	String	32	Required	Merchant/Individual Name.
BankAccount{ BankAccountNumber	String	25	Required	Financial institution account number.
BankAccount{ AccountOwnershipType	String	15	Required	Valid values are: Personal and Business
BankAccount{ AccountType	String	1	Required	Valid values are: ▪ C – Checking ▪ S – Savings ▪ G – General Ledger
BankAccount{ BankName	String	50	Required	Name of financial institution.
BankAccount{ RoutingNumber	String	9	Required	Financial institution routing number. Must be a valid ACH routing number. *For UK merchants, use for the 6 digit bank sort code (xx-xx-xx or xxxxxx)

Secondary Bank Account Information – Optional. Used to add an account from which fees are pulled. Only works when Primary bank added

Element	Type	Max	Required	Notes
SecondaryBankAccount{ AccountCountryCode	String	3	Required	Required if adding secondary bank account. Must be ISO standard 3 character code. This will become the account to which proceeds of transactions are sent in split sweep functionality.
SecondaryBankAccount{ AccountName	String	32	Required	Required if adding secondary bank account info as part of the signup. This will become the account to which proceeds of transactions are sent in split sweep functionality.

XML Element	Type	Max	Required	Notes
SecondaryBankAccount{ BankAccountNumber	String	25	Required	Required if adding secondary bank account info as part of the signup. This will become the account to which proceeds of transactions are sent in split sweep functionality.
SecondaryBankAccount{ AccountOwnershipType	String	15	Required	Required if adding secondary account as part of the signup. Valid values are 'Personal' or 'Business' If accountType is G, then this value is always overwritten as 'Business' This will become the account to which proceeds of transactions are sent in split sweep functionality.
SecondaryBankAccount{ AccountType	String	1	Required	Required if adding secondary bank account info as part of the signup. Valid values are: ▪ C – Checking ▪ S – Savings ▪ G – General Ledger
SecondaryBankAccount{ BankName	String	50	Required	Required if adding secondary bank account info as part of the signup. This will become the account to which proceeds of transactions are sent in split sweep functionality.
SecondaryBankAccount{ RoutingNumber	String	9	Required	Required if adding secondary bank account info as part of the signup, must be a valid Fedwire ACH participant routing number. This will become the account to which proceeds of transactions are sent in split sweep functionality.

Bank Account Ownership Details – Optional. Needed for Canadian merchants, to comply with banking rule. If missing in Canada, transfers fail.

XML Element	Type	Max	Required	Notes
BankAccountOwnerData{ PrimaryBankAccountOwner{ FirstName	String	25	Required	Required if adding ownership info.
BankAccountOwnerData{ PrimaryBankAccountOwner{ LastName	String	25	Required	Required if adding ownership info.
BankAccountOwnerData{ PrimaryBankAccountOwner{ Address1	String	50	Required	Required if adding ownership info.
BankAccountOwnerData{ PrimaryBankAccountOwner{ City	String	50	Required	Required if adding ownership info.
BankAccountOwnerData{ PrimaryBankAccountOwner{ StateProvince	String	3	Required	Required if adding ownership info. 2-3 character abbreviation.
BankAccountOwnerData{ PrimaryBankAccountOwner{ PostalCode	String	10	Required	Required if adding ownership info.
BankAccountOwnerData{ PrimaryBankAccountOwner{ Country	String	3	Required	Required if adding ownership info. 3 character ISO standard country abbreviation.
BankAccountOwnerData{ PrimaryBankAccountOwner{ Phone	String	25	Required	Required if adding ownership info.

Gross Billing Information – Optional. Used with prior approval to automatically bill fees to separate account

Element	Type	Max	Required	Notes
GrossBillingInformation{ GrossSettleAddress{ Address1	String	25	Optional	Gross Settle credit card billing address.
GrossBillingInformation{ GrossSettleAddress{ City	String	25	Optional	Gross Settle credit card billing address.
GrossBillingInformation{ GrossSettleAddress{ Country	String	3	Optional	Gross Settle credit card billing address. Must be 3 character ISO standard country code.
GrossBillingInformation{ GrossSettleAddress{ State	String	2	Optional	Gross Settle credit card billing address. Must be 2 character standard US State or Canadian province code.
GrossBillingInformation{ GrossSettleAddress{ Zip	String	9	Optional*	Gross Settle credit card billing address. For USA: 5 or 9 characters without dash. For CAN: 6 characters postal code with a space "XXX XXX" Do not use if not USA or CAN. *Required if payment method is a credit card.
GrossBillingInformation{ GrossSettleAddress{ CountryCode	String	3	Optional*	ISO standard 3 character country code. *Required if payment method is a bank account.
GrossBillingInformation{ GrossSettleBankAccount{ AccountName	String		Optional*	Bank account-holder's name. *Required if payment method is a bank account.
GrossBillingInformation{ GrossSettleBankAccount{ AccountType	String	10	Optional*	*Required if Gross Settle billing info is bank account. Valid values are: ▪ C – Checking ▪ S – Savings ▪ G – General Ledger
GrossBillingInformation{ GrossSettleBankAccount{ BankAccountNumber	String	25	Optional*	Bank account number. *Required if payment method is a bank account.
GrossBillingInformation{ GrossSettleBankAccount{ RoutingNumber	String	9	Optional*	Routing number of valid Fedwire ACH participant. *Required if payment method is a bank account.
GrossBillingInformation{ GrossSettleBankAccount{ AccountCountryCode	String	3	Optional*	ISO 3166 standard 3-character country code.
GrossBillingInformation{ GrossSettleCardData{ CreditCardNumber	String	16	Optional*	Valid credit card number. *Required if payment method is a credit card.
GrossBillingInformation{ GrossSettleCardData{ ExpirationDate	String	4	Optional*	Credit card expiration date. *Required if payment method is a credit card.
GrossBillingInformation{ GrossSettleCardData{ NameOnCard	String	25	Optional*	Name on credit card. *Required if payment method is a credit card.

Merchant Beneficiary Owner Information – Required for all merchants validating KYC based off of personal data

Element	Type	Max	Required	Notes
BeneficialOwnerData{ OwnerCount	String	1	Required	Number of Beneficiary Owners, should be maximum 5.

BeneficialOwnerData{
Owners{
Owner{
Title
	String	55	Required	This field contains the Title.

BeneficialOwnerData{
Owners{
Owner{
FirstName
	String	20	Required	Owner First Name.

BeneficialOwnerData{
Owners{
Owner{
LastName
	String	25	Required	Owner Last Name.

BeneficialOwnerData{
Owners{
Owner{
Email
	String	55	Required	Owner Email ID.

BeneficialOwnerData{
Owners{
Owner{
DateOfBirth
	String	10	Required	Date of Birth of the Owner. Must be in 'mm-dd-yyyy' format.

BeneficialOwnerData{
Owners{
Owner{
Percentage
	String	3	Required	Percentage stake in company by owner. Must be whole number between 0 and 100.

BeneficialOwnerData{
Owners{
Owner{
Address
	String	100	Required	Street address where Owner resides. *Required if passing Merchant Beneficiary Owner Information.

BeneficialOwnerData{
Owners{
Owner{
Address2
	String	100	Optional	Street address where Owner resides. *For UK merchants, use for the Apt or Flat number. For Example: Apt 102 | Flat A

BeneficialOwnerData{
Owners{
Owner{
SSN
	String	9	Required	Social Security Number of the Owner. Should be 9 digits. *Does not apply to UK merchants

BeneficialOwnerData{
Owners{
Owner{
City
	String	55	Required	The name of the city where the Owner resides.

BeneficialOwnerData{ Owners{	String	10	Required	The postal code where the Owner resides. For the UK: 6 - 8 alphanumeric character postal code with a space. The first part is 2 - 4 digits. The 2nd half is 3 digits "YYYY YYY".

Owner{ Zip				

BeneficialOwnerData{
Owners{
Owner{
State
	String	3	Required	The region code that corresponds to the state where the Owner resides. *Does not apply to UK merchants

BeneficialOwnerData{
Owners{
Owner{
Country
	String	3	Required	The three-character, alpha country code for where the Owner resides.

BeneficialOwnerData{
Owners{
Owner{
BuildingNumber
	String	50	Optional	This is the building / home number for the street address. For Example: 501a Halfway Street. The value for this tag would be 501a.
				*Mandatory for UK merchants

BeneficialOwnerData{
Owners{
Owner{
District
	String	50	Optional	The District associated with the address.
				*For use by UK merchants**

BeneficialOwnerData{
Owners{
Owner{
PostTown
	String	100	Optional	The Post town associated with the address.
				*Mandatory for UK merchants**

BeneficialOwnerData{
Owners{
Owner{
County
	String	50	Optional	The county associated with the address.
				*Mandatory for UK merchants**

BeneficialOwnerData{
Owners{
Owner{
Nationality
	String	3	Optional	This represents the country in which the merchant was born. ISO 3166 3 Digit alpha code applies. For Example: GBR, USA, etc.
				*Mandatory for UK merchants**

BeneficialOwnerData{
Owners{
Owner{
AddressId
	String	20	Optional	This is a unique address identification number assigned to each address returned by Equifax.
				The value for this tag is provided in the Address Lookup API response

BeneficialOwnerData{
Owners{
Owner{
Address3
	String	100	Optional	Merchant/Individual physical Address. Alphanumeric.
				In the UK, use to provide the Building / Home Name

BeneficialOwnerData{
Owners{
Owner{
TimeAtAddress
	Integer	3	Optional	The length of time the individual has lived in their current address, represented in whole months (i.e. 5, 10, etc.).
				Mandatory for the UK

BeneficialOwnerData{
Owners{
Owner{
PreviousBuildingNumber
	String	50	Optional	This is the building / home number for the previous street address. For Example: 501a Halfway Street. Value for this tag would be 501a.
				Required in the UK if time at current address less than 24 months

BeneficialOwnerData{
Owners{
Owner{
PreviousAddress
	String	100	Optional	Merchant/Individual physical previous street Address without the building / house number. For Example: 501a Halfway Street. Value for this tag would be Halfway Street. PO Boxes are not allowed. Alphanumeric.
				Required in the UK if time at current address less than 24 months

BeneficialOwnerData{
Owners{
Owner{
PreviousAptNumber
	String	100	Optional	Merchant/Individual previous physical Address. Use for 2nd Address Lin.
				**For the UK, use to provide the flat number".

BeneficialOwnerData{
Owners{
Owner{
PreviousAddress3
	String	100	Optional	Merchant/Individual previous physical Address. Alphanumeric.
				For the UK, use to provide the Building / Home Name

BeneficialOwnerData{
Owners{
Owner{
PreviousCity
	String	30	Optional	Merchant/Individual previous physical Address city.
				Required in the UK if time at current address less than 24 months

BeneficialOwnerData{
Owners{
Owner{
PreviousCounty
	String	50	Optional	The county associated with the Merchant's previous address. **For use in the UK**

BeneficialOwnerData{
Owners{
Owner{
PreviousDistrict
	String	50	Optional	The District associated with the previous address. **For use in the UK**

BeneficialOwnerData{
Owners{
Owner{
PreviousPostTown
	String	100	Optional	The post town associated with the Merchant's previous address.
				Required in the UK if time at current address less than 24 months

BeneficialOwnerData{
Owners{
Owner{
PreviousState
	String	3	Optional	Merchant/Individual previous physical Address state. *Standard 2 character abbreviation for state, province, prefecture, etc.
				Does not apply to UK addresses

BeneficialOwnerData{
Owners{
Owner{
PreviousZip
	String	9	Optional	Merchant/Individual previous physical Address zip/postal code. For USA: 5 or 9 characters without dash. For CAN: 6 character postal code with a space "XXX XXX" For AUS and NZ 4 character code. For the UK: Zip Code is 6 - 8 characters in length with the first character being Alphabetic: A9 9AA (6 character), A99 9AA (7 character), AA9A 9AA (8 character).
				Required in the UK if time at current address less than 24 months

BeneficialOwnerData{
Owners{
Owner{
PreviousCountry
	String	3	Optional	ISO 3166 standard 3 character country codes. Required if creating an account in a country other than USA.
				*Country must be an approved country to create a ProPay account. US Territories should use 'USA'.
				Required in the UK if time at current address less than 24 months

Address{ PreviousAddressId	String	20	Optional	This is a unique address identification number assigned to each address returned by Equifax. **The value for this tag is provided in the Address Lookup API response**

Devices – Optional. Used for Portico device ordering.

Element	Type	Max	Required	Notes
Devices.Device.Name	String	20	Required	Unique name of the device being ordered.
Devices{ Quantity	Integer	2	Required	Number of devices ordered. Defaults to 0.
Devices { Attributes			Optional	List of attributes
Devices { Attributes [{Name	String	20	Required	Name of the attribute item. For example, "Heartland.AMD.OfficeKey" which is specific to Portico devices for AMD. The value of this item is passed to Heartland for equipment boarding.
Devices { Attributes {[Value	String	20	Required	Value of the attribute item. In the above example, the value of "Heartland.AMD.OfficeKey".

Significant Owner Information – May be required for some partners based on ProPay Risk decision

Element	Type	Max	Required	Notes
AuthorizedSigner{ FirstName	String	20	Required	Seller's Authorized Signer First Name. By default Merchant's First name is saved*.
AuthorizedSigner{ LastName	String	25	Required	Seller's Authorized Signer Last Name. By default Merchant's Last name is saved*.
AuthorizedSigner{ Title	String	20	Optional	This field contains the Seller's Authorized Signer Title*. Commonly used Authorized Signer Titles include:
SignificantOwner{ FirstName	String	20	Required	For US: Seller's Significant Owner First Name. For CAN: Seller's Significant Owner or Authorized Signer First Name.
SignificantOwner{ LastName	String	20	Required	For US: Seller's Significant Owner Last Name. For CAN: Seller's Significant Owner or Authorized Signer Last Name.
SignificantOwner{ SSN	String	9	Required	Social Security Number of the Seller's Significant Owner. Should be 9 digits.
SignificantOwner{ DateOfBirth	Date		Required	Date of Birth of the Seller's Significant Owner. Must be in 'mm-dd-yyyy' format.
SignificantOwner{ Address1	String	40	Required	Street address where Seller's Significant Owner resides.
SignificantOwner{ City	String	40	Required	The name of the city where the Seller's Significant Owner resides.
SignificantOwner{ RegionCode	String	6	Required	The region code that corresponds to the state where the Seller's Significant Owner resides.
SignificantOwner{ Zip	String	9	Required	The postal code for where the Seller's Significant Owner resides.
SignificantOwner{ CountryCode	String	2	Required	The two-character, alpha country code for where the Seller's Significant Owner resides.
SignificantOwner{ Title	String	50	Required	This field contains the Seller's Significant Signer Title.
SignificantOwner{ Percentage	Byte		Required	Percentage for Significant Owner. Percentage should be in between 0 and 100.

Threat Risk Assessment Information – May be required based on ProPay Risk Decision

Element	Type	Max	Required	Notes
FraudDetectionData{ MerchantSourceIp	String	64	Required	Sourcelp of Merchant, see ProPay Fraud Detection Solutions Manual.
FraudDetectionData{ ThreatMetrixPolicy	String	32	Required	Threat Metrix Policy, see ProPay Fraud Detection Solutions Manual.
FraudDetectionData{ ThreatMetrixSessionId	String	128	Required	SessionId for Threat Metrix, see ProPay Fraud Detection Solutions Manual.

Response Elements

Element	Type	Notes
Status	String	Result of the transaction request. See ProPay Appendix B for result code definitions
Password	String	Temporary password
AccountNumber	Integer	Primary identifier for new ProPay account
Tier	String	Type of account created

How to call this method

HTTP Element	Value
Resource URI	/propayapi/signup
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request

```
{
"PersonalData": {
"FirstName": "First",
"MiddleInitial": "X",
"LastName": "Last",
"DateOfBirth": "01-01-1981",
"SocialSecurityNumber": "123456789",
"SourceEmail": "ProPaytest@test.com",
"PhoneInformation": {
 "DayPhone": "8888888888",
 "EveningPhone": "8888888888"
},
"IpSignup" : "101.101.101.101",
"USCitizen":true,
"BOAttestation":true,
"TermsAcceptanceIP" : "4.14.150.145",
"TermsAcceptanceTimeStamp" : "2022-12-20 12:57:08.2021237",
"TermsVersion": "1",
```

Response

```
{
  "AccountNumber": 123456,
  "BeneficialOwnerDataResult": [
        {
     "FirstName": "First1",
     "LastName": "Last1",
     "Status": "Validated"
        },
        ],
  "Password": "TempPassw0rd ",
  "SourceEmail": "ProPaytest@test.com ",
  "Status": "00",
  "Tier": "Test"
}
```

```
"NotificationEmail": "Partner@Partner.com",
 "TimeZone": "UTC"
},
"SignupAccountData": {
"CurrencyCode": "USD",
"Tier": "Test"
},
"BusinessData": {
     "BusinessLegalName": "Merchantile Parent, Inc.",
     "DoingBusinessAs": "Merchantile ABC",
     "EIN": "121232343",
     "MerchantCategoryCode": "5999",
     "BusinessType": "D",
     "WebsiteURL": "http://www.merchantwebsite.com",
     "BusinessDescription": "Add Merchant Description Here",
     "MonthlyBankCardVolume": 10000,
     "AverageTicket": 100,
     "HighestTicket": 250,
     "BusinessPhoneNumber": "8888888888",
     "EstimatedCardUsageData": {
        "CardPresent": 0,
        "CardNotPresentKeyed": 0,
        "CardNotPresentEcommerce": 100
     }
  },
 "CreditCardData":{
"NameOnCard": "First X Last",
"CreditCardNumber": "4321432143214321",
"ExpirationDate": "0122",
"CVV": "999"
},
"Address": {
"ApartmentNumber": "1",
"Address1": "3400 N Ashton Blvd",
"Address2": "Suite 200",
"City": "Lehi",
"State": "UT",
"Country": "USA",
"Zip": "84043"
},
"BusinessAddress": {
"ApartmentNumber": "200",
"Address1": "RR 123445",
"Address2": "SW",
"City": "Tooele",
"State": "UT",
"Country": "USA",
```

```
"Zip": "84074"
},
"BankAccount": {
"AccountCountryCode": "USA",
"BankAccountNumber": "123456789",
"RoutingNumber": "011306829",
"AccountOwnershipType": "Business",
"BankName": "MERCHANTILE BANK UT",
"AccountType": "Checking",
"AccountName": null,
"Description": null
},
"BeneficialOwnerData": {
"OwnerCount": "1",
"Owners": [{
     "FirstName": "First1",
     "LastName": "Last1",
     "SSN": "123456789",
     "DateOfBirth": "01-01-1981",
     "Email": "test1@qamail.com",
     "Address": "Address",
     "Address2": "Main Street",
     "City": "Lehi",
     "State": "UT",
     "Zip": "84010",
     "Country": "USA",
     "Title": "CEO",
"Percentage": "100"
          }
          ]
          },
   "Devices": [{
       "Name": "Nimbus2000",
       "Quantity": 1,
       "Attributes": [{
            "Name": "Heartland.AMD.OfficeKey",
            "Value": "aQ9l3U7c4Dccf"
        }
        ]
        }
        ]
}
```

4.2 Edit a ProPay Account

These methods will update the information associated with a ProPay account by updating specific groups of information as denoted in each sub-section.

Please understand special rules for use of this method:
- This transaction type requires an X.509 certificate as additional authentication
- Allowance to perform an edit of each sub-section is subject to approval. If you try to perform an edit for a disallowed group, your request will fail.

4.21 Edit Merchant Contact Info

Request Elements

Element	Type	Max	Required	Notes
AccountNumber	Int(32)		Required	Assigned to each account by ProPay.
PersonalData{ FirstName	String	20	Required	Merchant/Individual first names.
PersonalData{ MiddleInitial	String	2	Required	Merchant/Individual middle initial.
PersonalData{ LastName	String	25	Required	Merchant/Individual last name.
PersonalData{ SourceEmail	string	55	Required	Merchant/Individual email address. Must be unique in ProPay system.
PersonalData{ PhoneInformation{ DayPhone	integer		Required	Merchant/Individual day phone number. *For USA, CAN, NZL and AUS value must be 10 characters with no dashes
PeronsalData{ PhoneInformation{ EveningPhone	integer		Required	Merchant/Individual evening phone number. *For USA, CAN, NZL and AUS value must be 10 characters with no dashes
ExternalId	String	20	Optional	This is a partner's own unique identifier. Typically used as the distributor or consultant ID.

Response Elements

Element	Type	Notes
AccountNumber	string	Primary identifier for ProPay Account
Status	string	Result of the transaction request. See Appendix B for result code definitions.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/MerchantContactInfo/{AccountNumber}
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request
```
{
  "AccountNumber":718045567,
  "PersonalData":{
    "FirstName":"Bob",
    "MiddleInitial":"N",
    "LastName":"Takanawa",
    "SourceEmail":"200514042252msedit@propay.com",
    "PhoneInformation":{
      "DayPhone":8015555555,
      "EveningPhone":8015555555
    }
  },
  "ExternalId":"200514042252"
}
```

Response
```
{
  "AccountNumber":718045567,
  "Status":"00"
}
```

4.22 Edit Merchant Account Address

Home Address and Mail Address can be edited independently. You only need to include the elements for the address you are updating.
*If updating Home Address all fields marked are required to pass

Request Elements

Element	Type	Max	Required	Notes
AccountNumber	Int(32)		Required	Assigned to each account by ProPay.
Address{ Address1	string	100	Optional*	Merchant Street Address *For UK merchants, this is Merchant/Individual physical street Address without the building / house number. For Example: 501a Halfway Street – Value for this tag would be Halfway Street.
Address{ Address2	string	100	Optional	Merchant Street Address 2 *For UK merchants, use this to provide the Building or House name. For Example: Primrose cottage
Address{ ApartmentNumber	string	100	Optional	Merchant Street Address Apartment Number
Address{ City	string	30	Optional*	Merchant Address city
Address{ State	string	3	Optional*	Merchant Address state. MUST be one of the standard 2 character abbreviations for US or Canada.
Address{ Zip	string		Optional*	Merchant Address zip. If domestic this value must be either 5 or 9 characters with no dash. For Canada this value must be 6 characters.
Address{ Country	string	3	Optional*	See Appendix B for possible country codes.
Address{ BldgNumber	string	50	Optional	This is the building / home number for the street address. For example: 501a Halfway Street. Vlaue fo rthie tag would be "501a" **Mandatory for UK Merchants**
Address{ District	string	50	Optional	The Disctrict associated with the merchant's address. **For use by UK Merchants**
Address{ PostTown	string	100	Optional	The post town that is associated with the merchant's address **For use by UK Merchants**
Address{ County	string	50	Optional	The County associated with the Merchant's address **For use by UK Merchants**
MailAddress{ Address1	string	100	Optional	Merchant Mailing Street Address
MailAddress{ Address2	string	100	Optional	Merchant Mailing address line 2
MailAddress{ ApartmentNumber	string	100	Optional	Merchant Mailing Address Apartment Number
MailAddress{ City	string	30	Optional	Merchant Mailing Address City
MailAddress{ State	string	3	Optional	Merchant Mailing Address state MUST be one of the standard 2 character abbreviations for US or Canada.
MailAddress{ Zip	string		Optional	Merchant Mailing Address zip. For US, it should be 5 or 9 characters with no dash. For CAN: 6 character postal code with a space "xxx xxx". For the UK: 6-8 alphanumeric charcter postal code with a space. The first part is 2-4 digits. The second have is 3 digits "YYYY YYY"
MailAddress{ Country	string	3	Optional	Merchant Mailing Address country See Appendix B for possible country codes.

MailAddress{ District	string	50	Optional	The District associated with the Mailing address. **For use by UK Merchants**
MailAddress{ PostTown	string	100	Optional	The Post town associated with the mailing address. **For use by UK Merchants**
MailAddress{ County	string	50	Optional	The county associated with the mailing address. **For use by UK Merchants**

Response Elements

Element	Type	Notes
AccountNumber	string	Primary identifier for ProPay Account
Status	string	Result of the transaction request. See Appendix B for result code definitions.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/MerchantAddress/{AccountNumber}
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request
```
{
  "AccountNumber":718045657,
  "Address":{
    "ApartmentNumber":"K",
    "Address1":"123 New Street",
    "Address2":"Some address2",
    "City":"LA",
    "State":"CA",
    "Country":"USA",
    "Zip":"90210"
  },
  "MailAddress":{
    "ApartmentNumber":null,
    "Address1":"PO Box 111",
    "Address2":"Some street",
    "City":"LA",
    "State":"CA",
    "Country":"USA",
    "Zip":"90210"
  }
}
```

Response
```
{
  "AccountNumber":718045657,
  "Status":"00"
}
```

4.23 Edit Merchant Renewal Payment Method

Updates the bank account, credit card or ProPay account on file for account renewals.
*Depending on which type of payment method you are adding you should add all relevant fields.

Request Elements

Element	Type	Max	Required	Notes
AccountNumber	Int(32)		Required	Assigned to each account by ProPay.
CreditCardData{ NameOnCard	String		Optional	Card holder's name as it appears on card.
CreditCardData{ CreditCardNumber	String		Optional*	Credit Card number of the Credit Card for editing Monthly Renewal data.
CreditCardData{ ExpDate	String		Optional*	Expiration Date of the Credit Card for editing Monthly Renewal data. mmyy
PaymentBank{ AccountNumber	String		Optional*	Bank account number of the bank account used for editing Monthly Renewal data.
PaymentBank{ RoutingNumber	String		Optional*	Routing number of the bank account used for editing Monthly Renewal data.
PaymentBank{ AccountType	String		Optional*	Valid values are: Checking, Savings, GeneralLedger

Response Elements

Element	Type	Notes
AccountNumber	string	Primary identifier for ProPay Account
Status	string	Result of the transaction request. See Appendix B for result code definitions.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/MerchantPaymentInformation/{AccountNumber}
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request
```
{
  "AccountNumber":718045862,
  "CreditCardData":null,
  "PaymentBank":{
    "AccountNumber":"7654321",
    "RoutingNumber":"324079555",
    "AccountType":"Savings"
```

Response
```
{
  "AccountNumber":718045862,
  "Status":"00"
}
```

```
      }
   }
}
```

4.24 Edit Merchant Business Info

Request Elements

Element	Type	Max	Required	Notes
AccountNumber	Int(32)		Required	Assigned to each account by ProPay.
AuthorizedSignerFirstName	string	20	Optional	Authorized Signer First Name
AuthorizedSignerLastName	string	25	Optional	Authorized Signer Last Name
AuthorizedSignerTitle	string	20	Optional	Authorized Signer Title
BusinessData{ BusinessLegalName	string	255	Optional	Business Legal Name
BusinessData{ DoingBusinessAs	string	40	Optional	DoingBusinessAs
BusinessData{ EIN	string		Optional	EIN *For UK, do not pass
BusinessData{ WebsiteURL	string	255	Optional	WebsiteURL
BusinessData{ BusinessDescription	string	255	Optional	BusinessDescription
BusinessData{ MonthlyBankCardVolume	Int(64)		Optional	MonthlyBankCardVolume
BusinessData{ HighestTicket	Int(64)		Optional	HighestTicket
BusinessAddress{ Address1	string	100	Optional	Business Address
BusinessAddress{ Address2	string	100	Optional	Business Address2
BusinessAddress{ ApartmentNumber	string	100	Optional	Apartment Number
BusinessAddress{ City	string	30	Optional	BusinessCity
BusinessAddress{ State	string	3	Optional	Business State
BusinessAddress{ Country	string	3	Optional	Business Country
BusinessAddress{ Zip	string		Optional	Business Zip
BusinessAddress{ Disctrict	string	50	Optional	The District associated with the business address **For use by UK merchants**
BusinessAddress{ PostTown	string	100	Optional	The Post Town that is associated with the business address **For use by UK merchants**

BusinessAddress{ County	string	50	Optional	The county associated with the business address **For use by UK merchants**
BusinessAddress{ Address3	string	100	Optional	Business Physical Address **For UK merchants, use to provide the Building Name**

Response Elements

Element	Type	Notes
AccountNumber	string	Primary identifier for ProPay Account
Status	string	Result of the transaction request. See Appendix B for result code definitions.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/MerchantBusinessInfo/{AccountNumber}
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request

```
{
  "AccountNumber":718045777,
  "AuthorizedSignerFirstName":"TestFirstName",
  "AuthorizedSignerLastName":"TestLastName",
  "AuthorizedSignerTitle":"TestTitle",
  "BusinessData":{
    "BusinessLegalName":"Testlegalname",
    "DoingBusinessAs":"TestDBA",
    "EIN":"584384656",
    "WebsiteURL":"www.test.com",
    "BusinessDescription":"Test description",
    "MonthlyBankCardVolume":9000,
    "HighestTicket":1000
  },
  "BusinessAddress":{
    "ApartmentNumber":null,
    "Address1":"AddressLine1",
    "Address2":"AddressLine2",
    "City":"TestCity",
    "State":"CA",
    "Country":null,
    "Zip":"13245"
  }
}
```

Response

```
{
  "AccountNumber":718045777,
  "Status":"00"
}
```

4.25 Edit Merchant Bank Account
Can edit Primary or Secondary Bank Account with this method.

Request Elements

Element	Type	Max	Required	Notes
AccountNumber	Int(32)		Required	Assigned to each account by ProPay.
IsSecondaryBankAccount				true or false; true if editing Secondary Bank Account. false if editing Primary Bank Account. If you don't pass this field it will default to primary
BankAccount{ AccountCountryCode	string	25	Required	ISO 3166 standard 3 character country codes. Current allowed values are: USA and CAN
BankAccount{ BankAccountNumber	integer	20	Required	Bank Account Number
BankAccount{ RoutingNumber	Integer	20	Required	Valid ABA routing number or CPA EFT code.
BankAccount{ AccountOwnershipType	string	15	Optional	Valid values are: Personal or Business
BankAccount{ BankName	string	50	Required	Bank Name
BankAccount{ AccountType	string		Required	Valid values are: Checking, Savings, and GeneralLedger

Response Elements

Element	Type	Notes
AccountNumber	string	Primary identifier for ProPay Account
Status	string	Result of the transaction request. See Appendix B for result code definitions.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/MerchantBankAccount/{AccountNumber}
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request
```
{
  "AccountNumber":718045678,
  "IsSecondaryBankAccount":false,
  "BankAccount":{
    "AccountCountryCode":"USA",
```

Response
```
{
  "AccountNumber":718045678,
  "Status":"00"
}
```

```
    "BankAccountNumber":111111111,
    "RoutingNumber":091000019,
    "AccountOwnershipType":"Business",
    "BankName":"Bank Name",
    "AccountType":"Checking"
  }
}
```

4.26 Edit Merchant Gross Settle Payment Info

*It is necessary to pass all fields for the payment type you choose to add.

Request Elements

Element	Type	Max	Required	Notes
AccountNumber	Int(32)		Required	Assigned to each account by ProPay.
GrossBillingInformation{ GrossSettleAddress{ Address1	String	25	Required	Gross Settle credit card billing address.
GrossBillingInformation{ GrossSettleAddress{ City	String	25	Required	Gross Settle credit card billing address.
GrossBillingInformation{ GrossSettleAddress{ State	String	2	Required	Gross Settle credit card billing address. Must be 2 character standard US State or Canadian province code.
GrossBillingInformation{ GrossSettleAddress{ Zip	String	9	Required	Gross Settle credit card billing address. For USA: 5 or 9 characters without dash. For CAN: 6 characters postal code with a space "XXX XXX" Do not use if not USA or CAN. *Required if payment method is a credit card.
GrossBillingInformation{ GrossSettleAddress{ Country	String	3	Required	Gross Settle credit card billing address. Must be 3 character ISO standard country code.
GrossBillingInformation{ GrossSettleBankAccount{ AccountName	String		Required*	Bank account-holder's name. *Required if payment method is a bank account.
GrossBillingInformation{ GrossSettleBankAccount{ AccountType	String	10	Required*	*Required if Gross Settle billing info is bank account. Valid values are: - C – Checking - S – Savings - G – General Ledger
GrossBillingInformation{ GrossSettleBankAccount{ BankAccountNumber	String	25	Required*	Bank account number. *Required if payment method is a bank account.
GrossBillingInformation{ GrossSettleBankAccount{ RoutingNumber	String	9	Required*	Routing number of valid Fedwire ACH participant. *Required if payment method is a bank account.

GrossBillingInformation{
GrossSettleBankAccount{
AccountCountryCode
	string	3	Required*	ISO 3166 standard 3 character country codes. Current allowed values are:
				▪ USA
				▪ CAN

GrossBillingInformation{
GrossSettleCardData{
CreditCardNumber
	String	16	Required*	Valid credit card number. *Required if payment method is a credit card.

GrossBillingInformation{
GrossSettleCardData{
ExpirationDate
	String	4	Required*	Credit card expiration date. *Required if payment method is a credit card.

GrossBillingInformation{
GrossSettleCardData{
NameOnCard
	String	25	Required*	Name on credit card. *Required if payment method is a credit card.

GrossSettlePropayAccount{ AccountNum			Required*	ProPay Account Number

Response Elements

Element	Type	Notes
AccountNumber	string	Primary identifier for ProPay Account
Status	string	Result of the transaction request. See Appendix B for result code definitions.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/MerchantGrossSettleBilling/{AccountNumber}
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request
```
{
  "AccountNumber":718045607,
  "GrossBillingInformation":{
    "GrossSettleBankAccount":null,
    "GrossSettleAddress":{
      "Address1":"123 Main Stree",
      "City":"LA",
      "State":"CA",
      "Country":"USA",
      "Zip":"90210"
    },
    "GrossSettleCardData":{
      "NameOnCard":"Bo Diddley",
```

Response
```
{
  "AccountNumber":718045607,
  "Status":"00"
}
```

```
    "CreditCardNumber":"<credit card number>",
    "ExpirationDate":"0522"
  },
  "GrossSettlePropayAccount":null
  }
}
```

4.27 Edit Merchant Services
Requires additional approval to be able to perform this method

Request Elements

Element	Type	Max	Required	Notes
AccountNumber	Int(32)		Required	Assigned to each account by ProPay.
ACHIn	Boolean		Required	Account permitted to load funds via ACH. Valid values are: true and false
ACHOut	Boolean		Required	Account balance allowed to be pushed to on-file DDA. Affects automatic sweeps. Valid values are: true and false
CcProcessing	Boolean		Required	Valid values are: true and false
ProPayIn	Boolean		Required	Valid values are: true and false
ProPayOut	Boolean		Required	Valid values are: true and false
CreditCardMonthLimit	String		Optional	Valid values between 0 and 999999999. Expressed as number of pennies in USD or number of account's currency without decimals.
CreditCardTransactionLimit	String		Optional	Valid values between 0 and 999999999. Expressed as number of pennies in USD or number of account's currency without decimals.
SoftLimitEnabled	Char		Optional	Valid values are y or n. Please work with ProPay for more information about soft limits feature
AchPaymentSoftLimitEnabled	Char		Optional	Valid values are y or n. Please work with ProPay for more information about soft limits feature
SoftLimitAchOffPercent	String		Optional	Valid values between 0 and 499. Please work with ProPay for more information about soft limits feature
AchPaymentAchOffPercent	String		Optional	Valid values between 0 and 499. Please work with ProPay for more information about soft limits feature
ACHPaymentMonthLimit	String		Optional	Valid values between 0 and 999999999999999. Expressed as number of pennies in USD or number of account's currency without decimals
ACHPaymentPerTranLimit	String		Optional	Valid values between 0 and 9999999. Expressed as number of pennies in USD or number of account's currency without decimals

Response Elements

Element	Type	Notes
AccountNumber	string	Primary identifier for ProPay Account
Status	string	Result of the transaction request. See Appendix B for result code definitions.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/MerchantServices/{AccountNumber}
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request

```
{
  "AccountNumber":718045822,
  "CcProcessing":true,
  "ACHOut":true,
  "ACHIn":true,
  "ProPayOut":true,
  "ProPayIn":true,
  "SoftLimitEnabled":"y",
  "AchPaymentSoftLimitEnabled":"y",
  "CreditCardMonthLimit":0,
  "CreditCardTransactionLimit":0,
  "SoftLimitAchOffPercent":0,
  "AchPaymentAchOffPercent":0
}
```

Response

```
{
  "AccountNumber":718045822,
  "Status":"00"
}
```

4.28 Edit Merchant Status

Requires additional approval to be able to perform this method

Request Elements

Element	Type	Max	Required	Notes
AccountNumber	Int(32)		Required	Assigned to each account by ProPay.
MerchantStatus	String		Optional	Used to update status of ProPay account. Note: the ONLY value that will allow an account to process transactions is 'ReadyToProcess' Valid values are: • ReadyToProcess • FraudAccount • RiskwiseDeclined • Hold • Canceled • FraudVictim • ClosedEULA • ClosedExcessiveChargeback

Response Elements

Element	Type	Notes
AccountNumber	string	Primary identifier for ProPay Account
Status	string	Result of the transaction request. See Appendix B for result code definitions.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/MerchantStatus/{AccountNumber}
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request
```
{
   "AccountNumber":718045837,
   "MerchantStatus":"Canceled"
}
```

Response
```
{
   "AccountNumber":718045837,
   "Status":"00"
}
```

4.29 Edit Merchant Credit Limit

Requires additional approval to be able to perform this method

Group: Negative Limit

Element	Type	Max	Required	Notes
AccountNumber	Int(32)		Required	Assigned to each account by ProPay.
CreditLimit	Int(64)		Required	Amount must be greater than zero

Response Elements

Element	Type	Notes
AccountNumber	string	Primary identifier for ProPay Account
Status	string	Result of the transaction request. See Appendix B for result code definitions.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/MerchantCreditLimit/{AccountNumber}
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request
```
{
   "AccountNumber":718045806,
   "CreditLimit":1000
}
```

Response
```
{
   "AccountNumber":718045806,
   "Status":"00"
}
```

4.30 Order a New Device

This method is used to order a new device.

Note: This method is currently restricted to partners using the Propay-Portico solution and using Portico Devices.

Request Elements

Element	Type	Max	Required	Notes
AccntNum	String		Required	Assigned to each account by ProPay
ShipTo	String		Required	The name of the company that is receiving the device
ShipToContact	String	30	Required	The name of the person who would be receiving the device.
ShipToAddress	String		Required	The address where the device should be shipped
ShipToCity	String		Required	The City where the device should be shipped
ShipToState	String		Required	The State where the device should be shipped *For UK: do not pass.
ShipToZip	String		Required	The Zip Code where the device should be shipped
ShipToPhone	String		Required	Phone number of the contact. Must be 10 characters
CardholderName	String		Required	The name that appears on the credit card used for purchase. Optional if the price of the device is $0.00
CcNum	String		Required	The credit card number of the card used for purchase. Optional if the price of the device is $0.00
ExpDate	String		Required	The expiration date of the card used for purchase. Optional if the price of the device is $0.00
CVV2	String		Required	The CVV of the card used for purchase. Optional if the price of the device is $0.00
BillingZip	String		Required	The billing zip code. Optional if the price of the device is $0.00
Devices.Device.Name	String	20	Required	Unique name of the device being ordered.
Devices.Device.Quantity	String	INT	Required	The number of devices to charge for and order.
Devices.Device.Attributes	String		Required	List of Attributes
Attributes.Attribute.Name	String	20	Required	Name of the attribute item. For example, "Heartland.AMD.OfficeKey" which is specific to Portico devices for AMD. The value of this item is passed to Heartland for equipment boarding
Attributes.Attribute.Value	String	20	Required	Value of the attribute item. In the above example, the value of "Heartland.AMD.OfficeKey".

Response Elements

Element	Type	Notes
AccountNumber		ProPay account number
Status		Result of the transaction request. See ProPay Appendix for result codes.
TotalPrice		Total amount that was charged to the credit card. If tax calculating conditions are met, the total amount will show the device's amount with tax included (gross amount).
CurrencyCode		Currency that the Price and TotalAmount are represented in.
Devices.Device.Name		Name of the device ordered
Devices.Device.Quantity		Quantity ordered
Devices.Device.Price		Price per unit

Devices.Device.CurrencyCode		Currency for device per unit price.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/OrderDevices
Method	PUT
Authorization	Basic CertStr:TermId(Base 64 Encoded) Example: Basic TXlUZXJtSWQ6TXlDZXJ0U3Ry
Content-Type	application/json

Sample

Sample JSON request

```
{
    "AccntNum": "12345",
    "ShipTo": "Test Company",
    "ShipToContact": "John Q. Public",
    "ShipToAddress": "2675 W 600 N",
    "ShipToAddress2": "Test Second Address",
    "ShipToCity": "Lindon",
    "ShipToState": "UT",
    "ShipToZip": "84043",
    "ShipToPhone": "8010262626",
    "CardholderName": "John Doe",
    "CCNum": "4111111111111111",
    "ExpDate": "0425",
    "CVV2": "989",
    "BillingZip": "78956",
    "Devices": [{
        "Name": "Nimbus2000",
        "Quantity": 1,
        "TimeZone": "UTC",
        "Attributes": [{
            "Name": "Key1",
            "Value": "Data"
        }
    ]
    }
    ]
}
```

Response

```
{
    "AccountNumber": 12345,
    "Status": "00",
    "TotalPrice": 1250.0,
    "CurrencyCode": "USD",
    "Devices": [
        {
            "Name": "Nimbus2000",
            "Quantity": 1,
            "Price": 1250.0,
            "CurrencyCode": "USD"
        }
    ]
}
```

4.31 Device order Tax Calculation

Use this method to calculate tax on device order. Given the shipping address and the devices that you want to order, this endpoint will provide tax information with the help of third-party provider Avalara.

Address Information – Required

Element	Type	Max	Required	Notes
ShipToAddress	string	100	Yes	The address line 1 where the device should be shipped.
ShipToAddress2	string	100	No	The address line 2 where the device should be shipped.
ShipToCity	string	30	Yes	The city where the device should be shipped.
ShipToZip	string	10	Yes	The zip code where the device should be shipped.
ShipToState	string	3	Yes	The state where the device should be shipped.
ShipToCountry	string	3	Yes	The country where the device should be shipped.

Devices - Required

Element	Type	Max	Required	Notes
Name	string	50	Yes	Unique name of the device being ordered.
Quantity	int(32)	Int32	Yes	Number of devices ordered.

Tier Information - Optional

Element	Type	Max	Required	Notes
Tier	string	20	No	The name of the tier where the devices are settled (eg. Premium).

Response Elements

Element	Type	Notes
AccountNumber	long	The account number, in this case will be always 0 (default value), because we are not returning account number in the response with this request.
TransType	int(32)	The transaction type. Will always return as 431.
Status	string	Result of the transaction request. See the ProPay Appendix for result code definitions.
Name	string	The name of the device being ordered.
CurrencyCode	string	The currency code, will return null if not available.
Quantity	int(32)	Number of devices ordered.
Price	decimal	The price of each device.
TotalDevicePrice	decimal	The total device price (net amount).
TotalTaxRate	decimal	The total tax rate calculated on the total device price (in percents).
TotalTax	decimal	The tax amount that needs to be added on total device price.
TotalAmount	decimal	The devices amount with tax included (gross amount).

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/CalculateTax
Method	POST
Authorization	Basic CertStr:TermId(Base 64 Encoded) Example: Basic TXlUZXJtSWQ6TXlDZXJ0U3Ry
Content-Type	application/json

Sample

Sample JSON **request**

```
{
  "Tier": "Premium",
  "ShipToAddress": "Address Line 1",
  "ShipToAddress2": "Address Line 2",
  "ShipToCity": "Denver",
  "ShipToZip": "840014",
  "ShipToState": "CO",
  "ShipToCountry": "USA",
  "Devices": [
   {
      "Name":Test Device #122807f5d",
      "Quantity": 1
   },
   {
      "Name":Test Device ##29e1ebc40",
      "Quantity": 4
   }
  ]
}
```

Response

```
{
  "AccountNumber": 0,
  "Status":"00",
  "TransType": 431,
  "Devices": [
      {
         "CurrencyCode": null,
         "Name": "Test Device #122807f5d",
         "Quantity": 1
      },
      {
         "CurrencyCode": null,
         "Name": "Test Device #29e1ebc140",
         "Quantity": 4
      }
   ],
  "TotalDevicePrice": 8935.80,
  "TotalTaxRate": 10.000,
  "TotalTax:" 893.58,
  "TotalAmount": 9829.38
}
```

4.32 Edit Merchant Transfer Funds Configuration

Use this method to exclude or include a merchant from a sweep job.

Request Elements

Element	Type	Max	Required	Notes
AccountNumber	String		Required	Assigned to each account by ProPay
ExcludeFromSweep	Char		Required	Valid values are: Y and N

Response Elements

Element	Type	Notes
AccountNumber	long	The account number, in this case will be always 0 (default value), because we are not returning account number in the response with this request.
Status	string	Result of the transaction request. See the ProPay Appendix for result code definitions.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/MerchantTransferFundsConfiguration/{AccountNumber}
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON **request**
```
{
  {
   "AccountNumber": 718043354,
   "ExcludeFromSweep": "Y"
 }
}
```

Response
```
{
  "AccountNumber": 718043354,
  "Status": "00"
}
```

4.3 Address Lookup (Equifax)

This method is for use outside of the United States and will return several details associated with the merchant and/or beneficiary owner address. This call is specific to Equifax.

Request Elements - Required

Element	Type	Max	Required	Notes
BuildingName	String	50	Optional	Include if the address represents a building that has been given a name OR is important to the location of the merchant or beneficiary owner address. *Mandatory if the Building Number is not provided.
BuildingNumber	String	50	Optional	The building number for the merchant or beneficiary owner address. *Mandatory if Building Name is not provided.
BuildingPostalCode	String	10	Required	The postal code related to the building for the merchant or beneficiary owner address.

Response Elements

Element	Type	Notes
AddressTransId	String	This is a "transaction" id assigned by Equifax to identify the address listings returned against each API call to their Address Lookup service.
AddressTransIdCreatedDate	String	This is the date the Equifax "transaction" id was created.
Address Array		
AddressId	String	This is a unique address identity number assigned to each distinct address returned by Equifax.
BuildingName	String	The name of the building associated with the address.
BuildingNumber	String	The building number for the address.
BuildingAddress1	String	The street address.
BuildingDistrict	String	District associated with the address.
BuildingTown	String	Town associated with the address.
BuildingCounty	String	County associated with the address.
BuildingCountry	String	Country associated with the address.
BuildingPostalCode	String	Postal code associated with the address.

How to call this method

HTTP Element	Value
Resource URI	/propayapi/addresslookup
Method	Put
Authorization	Refer to the "General Information about the ProPay REST Interface" section, API Authorization on page 4.

Sample

Sample JSON request data:

```json
{
  "BuildingName": "221 B",
  "BuildingNumber": "4148",
  "BuildingPostalCode": "CB6 1AS"
}
```

Sample JSON response data:

```json
{
  "AddressTransId": "ff12a9f2-0002-4deb-8495-e95c048efb36",
  "AddressTransIdCreatedDate": "2022-07-07T07:16:56.751+00:00",
  "Addresses": [
    {
      "AddressId": "28030106476",
      "BuildingAddress1": "BAKER STREET",
      "BuildingCountry": "United Kingdom",
      "BuildingCounty": "CAMBS",
      "BuildingDistrict": "Harrow",
      "BuildingName": "221 B",
      "BuildingNumber": "2649",
      "BuildingPostalCode": "CB6 1AS",
      "BuildingTown": "ELY"
    },
    {
      "AddressId": "28030108290",
      "BuildingAddress1": "CROMWELL ROAD",
      "BuildingCountry": "United Kingdom",
      "BuildingCounty": "CAMBS",
      "BuildingDistrict": "Harrow",
      "BuildingName": "221 B",
      "BuildingNumber": "4278",
      "BuildingPostalCode": "CB6 1AS",
      "BuildingTown": "ELY"
    }
  ],
  "Status": "00"
}
```

4.4 Renew ProPay Account

This method will extend the expiration date of a ProPay account by one year. This may also be used to change the tier of an existing account.

Renewal Fees

ProPay account renewals require the collection of the account renewal fee. This method will attempt to collect the fee as follows:
1. If the API request includes on of the optional payment groups below, it will be used in an attempt to collect renewal fees.
2. Then, if either no payment group is passed, or if payment fails, ProPay will check to see if the account is set up to be paid for by the partner. If such is the case, the account will simply be renewed.
3. Finally, ProPay will attempt to collect renewal fees from the account's available balance.

If all of these attempts to collect the renewal fees fails the renewal request will return denied.

Account Identification - Required

Element	Type	Max	Required	Notes
accountNum	Int(32)		Required	Assigned to each account by ProPay.
tier	String		Optional	Supplying a value will change the accounts tier under the affiliation upon renewal. If not passed the tier will not be changed.

Group: Payment Information (Credit Card) - Optional

Element	Type	Max	Required	Notes
CVV2	String	4	Required	The credit card CVV code.
ccNum	String	16	Required	The credit card number used to pay for the renewal. *Required if using credit card to pay renewal fee.
expDate	String	4	Required	The credit card expiration date in 'mmdd' format. *Required if using credit card to pay renewal fee.
zip	String	9	Required	The US zip code of the credit card. 5 or 9 digits without a dash for US cards. Omit for international credit cards.

Group: Payment Information (Bank Account) - Optional

Element	Type	Max	Required	Notes
PaymentBankAccountNumber	String		Required	Used to pay for an account via ACH and monthly renewal. Financial institution account number. *Required if using ACH to pay renewal fee.
PaymentBankRoutingNumber	String		Required	Used to pay for an account via ACH and monthly renewal. Financial institution routing number. Must be a valid ACH routing number. *Required if using ACH to pay renewal fee.
PaymentBankAccountType	String		Required	Used to pay for an account via ACH and monthly renewal. Valid values are: Checking and Savings

Response Elements

Element	Type	Notes
Status	string	Result of the transaction request. See Appendix B for result code definitions.
Tier	string	The tier the account was renewed under.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/renewal
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request
```
{
        "accountNum": 123456,
        "CVV2": 999,
        "tier" : "194e4047-69b5-4e7c-b",
        "ccNum": "4111111111111111",
        "expDate":"1221",
        "zip": "12345"
}
```

Response
```
{
  "AccountNumber": 123456,
  "Status": "00",
  "Tier": "194e4047-69b5-4e7c-b"
}
```

4.8 Upload a Document to ProPay

This method can be used to send an image file to ProPay. The ProPay Risk team may request that you perform this action to dispute a credit card chargeback.

Request Elements - Required

Element	Type	Max	Required	Notes
accountNum	Int(32)		Required	Assigned to each account by ProPay
DocumentName	String	100	Required	Name the document according to instructions provided to you by ProPay's Risk team.
TransactionReference	String	40	Required	The transaction number of the chargeback you need to dispute.
DocType	String	4	Required	File format. Valid types: tif, tiff, bmp, jpg, jpeg, gif, png, doc, docx, pdf
Document	String	(10mb)	Required	The document data in base64 format.
Identification	String		Required	For JSON requests, use a "Null Identification

Response Elements

Element	Type	Notes
status	string	Result of the transaction request. See Propay Appendix for result code definitions

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/DocumentUpload
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request data:
```
{
        "accountNum": 123456,
        "DocumentName": "Chargeback 1234",
        "TransactionReference": "100",
        "Document": "JVBERi0xLjUNCiW1tbWdQAAAAAAA",
         "DocType": "jpg",
         "Identification": "Null"
}
```

Sample JSON response data:
```
{
  "Status": "00",
 }
```

5.6 Flash Funds – Add or Change Card Assigned to a ProPay Account

This method is used to add a card as a destination for ProPay's Flash Funds solution. It can also be used to change the card already attached to an account.
- Only debit cards are supported. Funds transfer to a credit card takes as long as standard ACH out.
- Only Visa and MasterCard cards are supported.

Request – Elements Required

Element	Type	Max	Required	Notes
accountNum	Int(32)		Required	Assigned to each account by ProPay.
ccNum	String	19	Required	Standard cc numbers which must pass Luhn check.
expDate	String	4	Required	The expiration date in MMYY format.
CVV2	String	4	Required	The Card CVV2 Code. *Accepts both 3 and 4 character types.
cardholderName	String	25	Required	Name on card.
addr	String	20	Required	Card holder's address.
city	String	30	Required	Card holder's City
state	String	2	Required	ISO standard 2 character US State code.
zip	String	9	Required	Valid-format US zip code 5 or 9 digits.

Response Elements

Element	Type	Notes
AccountNumber	string	Primary identifier for ProPay Account
Status	string	Result of the transaction request. See Appendix B for result code definitions.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/FlashFundsCard/{AccountNumber}
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request
```
{
  "ccNum":"<card number>",
  "expDate":"1020",
  "accountNum":718045866,
  "CVV2":"022",
  "cardholderName":"Clint Eastwood",
  "addr":"900 Metro Center Blv",
```

Response
```
{
  "AccountNumber":718045866,
  "Status":"00"
}
```

```
"zip":"94404",
"state":"CA",
"city":"San Fransisco"
}
```

5.7 Flash Funds – Push Funds to On-File Card

This method is used to push money from a ProPay account out to the on-file payment instrument set up for Flash Funds.

Request – Elements Required

Element	Type	Max	Required	Notes
accountNum	Int(32)		Required	Assigned to each account by ProPay.
amount	Int(32)		Required	The value representing the number of pennies in USD, or the number of [currency] without decimals.

Response Elements

Element	Type	Notes
AccountNumber	string	Primary identifier for ProPay Account
Status	string	Result of the transaction request. See Appendix B for result code definitions.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/PushFundsToFlashFundsCard/{AccountNumber}
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request
```
{
  "amount":"1000",
  "accountNum":718045866
}
```

Response
```
{
  "AccountNumber":718045866,
  "Status":"00"
}
```

7.1 ProPay Account Payment Disbursement

This method will immediately disburse funds from a specifically designated ProPay source account into another.

      – Minimum amount is $1.00 USD
– Rather than using the normal affiliate certStr, this method uses a certStr directly tied to the source account for funds disbursement
– Please see 3.2.1 for more information on the authorization element where this value needs to be set.

Request Elements - Required

Element	Type	Max	Required	Notes
amount	Int(64)		Required	The value representing the number of pennies in USD, or the number of [currency] without decimals.
recAccntNum	Int(32)		Required	ProPay assigned account identifier. The receiving account.
comment1	String	120	Optional	Optional Comment Line 1
comment2	String	120	Optional	Optional Comment Line 2
invNum	String	50	Optional	Optional Invoice Number for external tracking

Response Elements

Element	Type	Notes
Status	string	Result of the transaction request. See ProPay Appendix B for result code definitions
TransactionNumber	Int(32)	The ProPay transaction identifier

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/ProPayToProPay
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request
```
{
"amount": 100,
"invNum": "Test Invoice Number",
"comment1":"Test Comment 1",
"comment2":"Test Comment 2",
"recAccntNum": "123456"
```

Sample JSON response data:
```
{
  "AccountNumber": 123456,
  "Status": "00",
  "TransactionNumber": 1
}
```

}

7.5 Split Funds from a ProPay Transaction (Timed Pull)

This method will split a portion of funds from a transaction on an affiliated account and put them into a designated ProPay account. It can perform a Splitpay transaction either on underlying credit card transaction or ach transaction.

Credit Card: This method will create placeholder transaction that stays in a pending state until the credit card transaction upon which it is base settles into the ProPay account. This method cannot be performed against an auth-only transaction; the charge must be captured.

- Ach: This method will create placeholder transaction that stays in a pending state until the ACH transaction upon which it is base funds into the ProPay account.

Request Elements - Required

Element	Type	Max	Required	Notes
accountNum	Integer		Required	ProPay account identifier. This is the 'from' account and the account upon which the cc transaction or ach transaction was initially performed.
recAccntNum	Integer		Required	ProPay account identifier. This is the account to which the split will be sent when the transaction settles.
amount	Integer		Required	The amount (in cents, USD) to be split off to the recAccntNum when the transaction settles.
transNum	Integer		Required	ProPay transaction identifier. It is when this transaction settles that the timed pull will occur.
invNum	String	50	Optional	Optional Invoice Number for external tracking
comment1	String	120	Optional	Optional Comment Line 1
comment2	String	120	Optional	Optional Comment Line 2

Response Elements

Element	Type	Notes
AccountNumber	Integer	The accountNum of the original merchant
Status	String	See section ProPay Appendix B for explanation of each status code returned
TransactionNumber	Integer	Transaction identifier for the recipient's account.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/TimedPull
Method	PUT
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request data:
```
{
        "accountNum": 123456,
        "recAccntNum": 987654,
        "amount": 100,
        "transNum": 2,
        "invNum": "Invoice",
        "comment1": "Test Comments",
        "comment2": "Test Comments2"
}
```

Sample JSON response data:
```
{
  "AccountNumber": 987654,
  "Status": "00",
  "TransactionNumber": 1
}
```

8.2 Get current ProPay Account Balance

This method retrieves the ProPay account's current available and pending balances. It also returns a number of data points about the use of available funds as a transfer out of the ProPay account.

Response Elements

Element	Type	Notes
AccountNumber	string	Primary identifier for ProPay Account
Status	string	Result of the transaction request. See Appendix B for result code definitions.
AvailableBalance	Int(64)	The account's available balance specified in the currency's lowest denomination (100 = $1.00)
PendingBalance	Int(64)	The account's pending balance specified in the currency's lowest denomination (100 = $1.00) The affiliate credential must be enabled for Enhanced Spendback in order to receive this element in the response.
ReserveBalance	Int(64)	The accont's reserve balance specified in the currency's lowest denomintation (100 = $1.00)
EmailId	String	Source email on the ProPay account
AccountLastFour	String	Member of both achOut and flashFunds. Obfuscated account details for recipient
Enabled	Boolean	Member of both achOut and flashFunds. Describes wether ability to transfer funds in specified manner is currently allowed.
FeeType	String	Member of both achOut and flashFunds. Describes whether trasnferFee is a flat amount or a percentage. (Specified as $ or %.)
LimitRemaining	Long	Member of both achOut and flashFunds. Describes remaining limit for funds transfer. Note: flashFunds imposes a daily transfer fee, while achOut does not. (The limitRemaining for achOut will essentially be the current available balance on the account.)
TransferFee	Decimal	Member of both achOut and flashFunds. Cost to transfer money using the specified method.

How to call this method

HTTP Element	Value
Resource URI	/propayAPI/MerchantBalanceDetails/{AccountNumber}
Method	GET
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request
URI Only

Response
```
{
  "AccountNumber":718046006,
  "Status":"00",
  "AchOut":{
    "AccountLastFour":"6789",
    "Enabled":"Y",
    "FeeType":"$",
```

```
      "LimitRemaining":100000,
      "TransferFee":100
    },
    "AvailableBalance":10000,
    "EmailId":"75c063cdcGQwlvzqztM@propaytest.com",
    "FlashFunds":{
      "AccountLastFour":"0006",
      "Enabled":"Y",
      "FeeType":"%",
      "LimitRemaining":1000000,
      "TransferFee":15.59
    },
    "PendingBalance":930,
    "ReserveBalance":0
}
```

8.4 Enhanced Account Details

This method retrieves a vast amount of information for the requested ProPay account, including: Personal Information, Account Data, Addresses, Business Information and Bank Account Information.

Please understand special rules for use of this method:
- This transaction type requires that an additional permission is enabled for the credentials

Response Elements

Element	Type	Notes
transType	string	19 constant value
status	string	Result of the transaction request. See ProPay appendix for result code definitions.
AccountNumber	string	Primary identifier for ProPay Account
PersonalData{SourceEmail	string	Source email on the ProPay account
PersonalData{FirstName	string	Account owner first name
PersonalData{MiddleInitial	string	Account owner middle initial
PersonalData{LastName	string	Account owner last name
PersonalData{PhoneInformation{DayPhone	string	Account owner day phone
PersonalData{PhoneInformation{EveningPhone	string	Account owner evening phone
AccountData{ExternalId	string	Account external identifier
AccountData{AccntStatus	string	Current status of account
AccountData{Expiration	string	Account expiration date
AccountData{SignupDate	string	Account signup date
AccountData{Affiliation	string	Affiliation associated with the account
AccountData{Tier	string	Tier associated with the account
AccountData{apiReady	string	Indicates if the account is api ready
AccountData{MasterPassCheckoutMasterId	string	Checkout ID for MasterPass (SRC)
AccountData{AchOutEnabled	string	Indicates if the account is enabled for ACH transfers to on-file DDA
AccountData{CurrencyCode	string	Account currency code
AccountData{NotificationEmail	string	Communication Email Address. *ProPay's system will send automated emails to the email address on file rather than the Source Email.
Address{HomeAddress1	string	Account owner home address 1
Address{HomeAddress2	string	Account owner home address 2
Address{HomeAddress3	string	Account owner home address 3
Address{HomeCity	string	Account owner home city
Address{HomeState	string	Account owner home state
Address{HomeZip	string	Account owner home zip

Address{HomeCountry	string	Account owner home country
MailAddress{MailAddress1	string	Account owner mail address 1
MailAddress{MailAddress2	string	Account owner mail address 2
MailAddress{MailAddress3	string	Account owner mail address 3
MailAddress{MailCity	string	Account owner mail city
MailAddress{MailState	string	Account owner mail state
MailAddress{MailZip	string	Account owner mail zip code
MailAddress{MailCountry	string	Account owner mail country
BusinessData{BusinessLegalName	string	The business' legal name
BusinessData{DoingBusinessAs	string	The business' "doing business as" name (DBA)
BusinessData{EIN	string	The business' "Employer Identification Number" (EIN) *does not apply to UK merchants
BusinessData{BusinessAddress	string	Business address
BusinessData{BusinessAddress2	string	Business address 2
BusinessData{BusinessCity	string	Business city
BusinessData{BusinessState	string	Business state
BusinessData{BusinessZip	string	Business zip code
BusinessData{WebsiteURL	string	The Business' website URL
BusinessData{AverageTicket	string	The average amount of an individual transaction; Value representing the number of pennies in USD, or the number of [currency] without decimals. Defaults to null if not sent.
BusinessData{AverageTicket	string	The highest transaction amount; Value representing the number of pennies in USD, or the number of [currency] without decimals. Defaults to null if not sent.
AccountLimits{CreditCardTransactionLimit	string	Merchant credit card transaction limit
AccountLimits{CreditCardMonthLimit	string	Merchant credit card monthly limit
AccountLimits{CreditCardMonthlyVolume	string	Merchant credit card monthly volume
AccountLimits{NegativeLimit	string	Merchant negative limit
AccountLimits{ACHPaymentPerTranLimit	string	Merchant ach payment per transaction limit
AccountLimits{ACHPaymentMonthLimit	string	Merchant ach payment month limit
AccountLimits{ACHPaymentMonthlyVolume	string	Merchant ach payment monthly volume
AccountLimits{AchPaymentSoftLimitEnabled	string	Merchant ach payment soft payment soft limit enabled
AccountLimits{AchPaymentAchOffPercent	string	Merchant ach payment ach payment ach off percent
AccountLimits{SoftLimitEnabled	string	Merchant soft limit enabled
AccountLimits{SoftLimitAchOffPercent	string	Merchant soft limit ach limit ach off percent
AccountBalance{AvailableBalance	string	The account's available balance specified in the currency's lowest denomination (100 = $1.00)
AccountBalance{PendingBalance	string	The account's pending balance specified in the currency's lowest denomination (100 = $1.00)
AccountBalance{ReserveBalance	string	The account's reserve balance specified in the currency's lowest denomination (100 = $1.00)

BankAccount{PrimaryBankAccount{PrimaryAccountCountryCode	string	Primary bank account country code
BankAccount{PrimaryBankAccount{PrimaryAccountType	string	Primary bank account type
BankAccount{PrimaryBankAccount{PrimaryAccountOwnershipType	string	Primary bank account ownership type
BankAccount{PrimaryBankAccount{PrimaryBankName	string	Bank name for the primary bank account
BankAccount{PrimaryBankAccount{PrimaryAccountNumberLast4	string	Last 4 digits of the primary bank account number
BankAccount{PrimaryBankAccount{PrimaryRoutingNumber	string	Routing number for the primary bank account
BankAccount{SecondaryBankAccount{SecondaryAccountCountryCode	string	Secondary bank account country code
BankAccount{SecondaryBankAccount{SecondaryAccountType	string	Secondary bank account type
BankAccount{SecondaryBankAccount{SecondaryAccountOwnershipType	string	Secondary bank account ownership type
BankAccount{SecondaryBankAccount{SecondaryBankName	string	Bank name for the secondary bank account
BankAccount{SecondaryBankAccount{SecondaryAccountNumberLast4	string	Last 4 digits of the secondary bank account number
BankAccount{SecondaryBankAccount{SecondaryRountingNumber	string	Routing number for the secondary bank account
GrossBillingInformation{GrossSettleBankAccount{GrossSettleAccountHolderName	string	Account holder name for the gross settle account on file
GrossBillingInformation{GrossSettleBankAccount{GrossSettleAccountNumberLast4	string	Last 4 digits of account number for the gross settle account on file
GrossBillingInformation{GrossSettleBankAccount{GrossSetlleRoutingNumber	string	Routing number for the gross settle account on file
GrossBillingInformation{GrossSettleBankAccount{GrossSettleAccountType	string	Account type (ACH, Card or ProPay) for gross settlement
GrossBillingInformation{GrossSettleAddress{GrossSettleAccountAddress	string	Address for the gross settle account on file
GrossBillingInformation{GrossSettleAddress{GrossSettleAccountCity	string	City for the gross settle account on file
GrossBillingInformation{GrossSettleAddress{GrossSettleAccountState	string	State for the gross settle account on file
GrossBillingInformation{GrossSettleAddress{GrossSettleAccountCountryCode	string	Country code for the gross settle account on file
GrossBillingInformation{GrossSettleAddress{GrossSettleAccountZipCode	string	Zip code for the gross settle account on file
AdditionalSignupReportInformation{AffiliateID	string	Unique Id for the owning affiliate
AdditionalSignupReportInformation{AffiliateName	string	Name of the owning affiliate

AdditionalSignupReportInformation{ACHToManualHold	string	Indicates if a manual hold has been placed on ACH transfers
AdditionalSignupReportInformation{ACHToAPIHold	string	Indicates if a manual hold has been placed on ACH API transfers
AdditionalSignupReportInformation{CKOutRejectHold	string	Indicates if a hold has been placed on outbound
AdditionalSignupReportInformation{CCSoftLimitsHold	string	Indicates if a hold has been triggered by exceeding soft limits for credit card processing
AdditionalSignupReportInformation{ACHSoftLimitHold	string	Indicates if a hold has been triggered by exceeding soft limits for ACH transactions
AdditionalSignupReportInformation{ACHFromManualHold	string	Indicates if a hold has been manually placed on ACHFrom transfers
AdditionalSignupReportInformation{ACHFromAPIHold	string	Indicates if a hold has been placed on ACHFrom API transfers
AdditionalSignupReportInformation{CKInRejectHold	string	Indicates if a hold has been placed
AdditionalSignupReportInformation{ACHToBankValidationHold	string	The functionality that allows the merchant to be paid has been disabled due to the UK BACS Mandate. The BACS Mandate has not been completed
AdditionalSignupReportInformation{ACHFromBankValidationHold	string	The functionality that allows ProPay to collect funds from the merchant bank account has been disabled due to the UK BACS Mandate. The BACS Mandate has not been completed
AdditionalSignupReportInformation{NonExpiring	string	The account is set to not expire
AdditionalSignupReportInformation{SweepCanACHOut	string	Whether the account is enabled to use outbound sweeps
AdditionalSignupReportInformation{SweepCanACHIn	string	Whether the account can receive ACH sweeps
AdditionalSignupReportInformation{SweepBankAccountValidated	string	Whether the bank account listed has been validated
AdditionalSignupReportInformation{SweepInTransactionLimit	string	The limit for sweep transactions
AdditionalSignupReportInformation{SweepInMonthlyLimit	string	The limit for monthly sweep amounts
AdditionalSignupReportInformation{SweepInMonthlyVolume	string	The actual volume for sweeps on this account
AdditionalSignupReportInformation{CCAllowed	string	Whether the account has rights to process credit card payments
AdditionalSignupReportInformation{CCFundingHoldDays	string	The account's configured hold days for credit card payments
AdditionalSignupReportInformation{CCRefundLineOfCredit	string	The amount of a line of credit for refunding credit card processing
AdditionalSignupReportInformation{ACHPaymentsAllowed	string	Whether the Account can receive ACH Payments
AdditionalSignupReportInformation{ACHPaymentsFundingHoldHours	string	How many hours ACH payments are configured to be held
AdditionalSignupReportInformation{ACHPaymentsRatePerTran	string	Rates for ACH Payments

AdditionalSignupReportInformation{ACHPaymentsRateDiscount	string	The discount for ACH payments (if any)
AdditionalSignupReportInformation{ACHPaymentsReturnFee	string	The fee for returning ACH payments
AdditionalSignupReportInformation{AchPaymentsNOCFee	string	The fee for a notice of change for ACH payments
AdditionalSignupReportInformation{GrossSettleAccountPresent	string	Whether the account is set to use gross settlement billing
AdditionalSignupReportInformation{MerchantDescriptor	string	Descriptor for credit card statements. (Usually DBA)
AdditionalSignupReportInformation{VoidCaptured	string	Whether the accounts has the right to void captured transactions
AdditionalSignupReportInformation{MCC	string	The Merchant Category Code for the merchant in the ProPay system

How to call this method

HTTP Element	Value
Resource URI	propayapi/EnhancedAccountPing/{accountNum}
Method	GET
Authorization	See section 3.2.1 REST Interface

Sample

Sample JSON request
URI Only

Response
```
{
 "AccountNumber": 718180093,
 "Status": "00",
        "PersonalData": {
                "SourceEmail":
"2d87bdea0cf64c4ca9cef97d04c91df9@propaytest.com",
 "FirstName": "Clint",
        "MiddleInitial": "m",
        "LastName": "Eastwood",
 "PhoneInformation": {
 "DayPhone": "9876543211",
 "EveningPhone": "9876543211"
                }
        },
        "AccountData": {
                "ExternalId": "affiliate750c",
 "AccntStatus": "6",
 "Expiration": "6/22/2021 12:00:00 AM",
 "SignupDate": "6/22/2020 7:46:31 PM",
 "Affiliation": "7E20F006",
 "Tier": "b2da83af-5f5e-4474-9",
 "ApiReady": "Y",
 "MasterPassCheckoutMerchantId": "cb5c609bec3d44b899e45611a2d03d95",
 "AchOutEnabled": "Y",
 "CurrencyCode": "USD",
 "NotificationEmail": mark2@horizon-is.com
 "ExcludedFromSweep": "Y"
                },
 "Address": {
 "HomeAddress1": "3400 N Ashton Blvd",
 "HomeAddress2": " apt num",
 "HomeAddress3": "3 road",
 "HomeCity": "Lehi",
 "HomeState": "UT",
 "HomeZip": "84043",
```

"HomeCountry": "USA"
        },
        "MailAddress": {
"MailAddress1": "3400 N Ashton Blvd",
"MailAddress2": "Suite 200",
"MailAddress3": "Bhai ki galli",
"MailCity": "Lehi",
"MailState": "UT",
"MailZip": "84043",
"MailCountry": "USA"
        },
"BusinessData": {
"BusinessLegalName": "ProPay Test",
"DoingBusinessAs": "ProPay Inc.",
"EIN": "123456789",
"BusinessAddress": "34, street",
"BusinessAddress2": "Business address 2",
"BusinessCity": "Lehi",
"BusinessState": "UT",
"BusinessZip": "84043",
"WebsiteURL": "www.businesssite.com",
"AverageTicket": 400,
"HighestTicket": 1000
},
"AccountLimits": {
"CreditCardTransactionLimit": "100000",
"CreditCardMonthLimit": "500000",
"CreditCardMonthlyVolume": "0",
"NegativeLimit": "5000",
"ACHPaymentPerTranLimit": "0",
"ACHPaymentMonthLimit": "0",
"ACHPaymentMonthlyVolume": "0",
"AchPaymentSoftLimitEnabled": "Y",
"AchPaymentAchOffPercent": "120",
"SoftLimitEnabled": "Y",
"SoftLimitAchOffPercent": "150"
        },
"AccountBalance": {
"AvailableBalance": "50000",
"PendingBalance": "0",
"ReserveBalance": "0"
        },
"BankAccount": {
"PrimaryBankAccount": {
"PrimaryAccountCountryCode": "USA",
"PrimaryAccountType": "Checking",
"PrimaryAccountOwnershipType": "1",

                    "PrimaryBankName": "Zions",
                    "PrimaryAccountNumberLast4": "6789",
                    "PrimaryRoutingNumber": "011000015"
                        },
                        "SecondaryBankAccount": {
                    "SecondaryAccountCountryCode": "USA",
                    "SecondaryAccountType": "Savings",
                    "SecondaryAccountOwnershipType": "1",
                    "SecondaryBankName": "ZionsSecondary",
                    "SecondaryAccountNumberLast4": "4321",
                    "SecondaryRoutingNumber": "011000015"
                        }
                    }
                "GrossBillingInformation": {
                "GrossSettleAccount": {
                "GrossSettleAccountHolderName": "Gross Test",
                "GrossSettleAccountNumberLast4": "3456",
                "GrossSettleRoutingNumber": "124002971",
                "GrossSettleAccountType": "ACH"
                        },
                        "GrossSettleAddress": {
                "GrossSettleAccountAddress": "3400 N Apt St",
                "GrossSettleAccountCity": "Lehi",
                "GrossSettleAccountState": "UT",
                "GrossSettleAccountCountryCode": "USA",
                "GrossSettleAccountZipCode": "84043"
                    },
                    "AdditionalSignupReportInformation": {
                "AffiliateID": "982542",
                "AffiliateName": "55a1fd5c-f674-4797-a086-2b9a00",
                "ACHToManualHold": "Y",
                "ACHToAPIHold": "N",
                "CKOutRejectHold": "N",
                "CCSoftLimitsHold": "Y",
                "ACHSoftLimitHold": "N",
                "ACHFromManualHold": "Y",
                "ACHFromAPIHold": "N",
                "CKInRejectHold": "N",
                "ACHToBankValidationHold": "Y",
                "ACHFromBankValidationHold": "N",
                "NonExpiring": "N",
                "SweepCanACHOut": "N",
                "SweepCanACHIn": "N",
                "SweepBankAccountValidated": "N",
                "SweepInTransactionLimit": "25000",
                "SweepInMonthlyLimit": "100000",
                "SweepInMonthlyVolume": "50000",

```
"CCAllowed": "N",
"CCFundingHoldDays": "2",
"CCRefundLineOfCredit": "0",
"ACHPaymentsAllowed": "N",
"ACHPaymentsFundingHoldHours": "24",
"ACHPaymentsRatePerTran": "0",
"ACHPaymentsRateDiscount": "0",
"ACHPaymentsReturnFee": "1000",
"AchPaymentsNOCFee": "0",
"GrossSettleAccountPresent": "N",
"MerchantDescriptor": "DBA",
"VoidCaptured": "N",
"MCC": "5999"
    }
}
```