

VESPay - Shop/Redemption

Integration document for Validation and Redemption API

The API path in this integration document is provided towards the dev environment, after successful test of integration the production path will be provided.

September 1st, 2018

Rev: 3.1.2.4

VESPay - Shop/Redemption

1.0 : Introduction shop/voucher

This Voucher solution VESPay is based on a system comprising of four parts that integrate with each other in a chain using Server to Server (S2S) API calls and responses to the API calls.

When events occur that initiate transactions the merchant is also updated using API callbacks from the solution (data type is https post).

Simplified description:

Router:

Customer clicks on a button within Merchant cashier, a Server to Server (S2S) is made to the Secure Payment Router (SPR).

First all blacklists are checked, if blackbox from iOvation is sent this device will also be checked. Secondly checking is made that IP is from correct country and network type is approved for that Customer profile level, if declined, Customer should be shown message "Our service is not provided in your region".

Third check is if the client needs to be validated, or if validation needs to be lifted to next level, if that is the case, then a redirect url is returned that sends client to validation solution.

Validation:

1. If customer is new, a unique URL is returned to Customer waiting in Merchant solution.
2. If Customer is validated since before the Validation Solution makes a request to the shop and gets a unique URL that is returned back to Customer waiting within Merchant Solution.

In both cases should the customer be shown a button, when customer clicks on this button a new window is opened with the received link.

(See Payment Demo, chapter 1.5, for our suggested method to avoid getting new window blocked by Popup blockers.)

Shop:

When Customer arrives to the Shop, they are presented with a checkout page where they choose the amount of the voucher.

If the purchase is approved they will get a Voucher code generated on the amount chosen and paid for.

Customer clicks the button Copy Voucher code, closes the window

Redemption:

Back in Merchant solution they paste the Voucher code in the redemption field, and click "Redeem voucher", that creates a S2S call from Merchant system to the Redemption API. If the voucher code is valid, the response will contain the amount and currency for the Voucher.

VESPay - Shop/Redemption

1.1 : Validation

Firstly there is a Validation solution, based on IP triangulation and IP reputation that is invisible in the background. Secondly there is a validation through Social Security Number (SSN) or Driver's License (DL).

Both IP triangulation, IP reputation and SSN/DL validation are based on external services provided by commercial solutions that are well known and comprehensively tested (COTS).

When a transaction request from the merchant is received through the S2S API by the validation solution:

1/a an IP triangulation is made in the background (not known to client) and compared to the longitude and latitude of the provided client address.

1/b an IP reputation control is done (not known to client) and compared that the ip is not coming from blacklisted CIDR, network types not allowed and that first time users is coming from IP in countries defined in agreement.

If any of this controls fail the transaction request will be denied and no redirect url is returned.

The player should be shown the base64 message in our response

2a/ the distance from the provided IP to the client address is compared to the acceptable distance as defined by the merchant

2b/ the provided client e-mail is checked to see if it has already been previously validated

3/ if either 2a or 2b is fulfilled a request is made to the shop. The shop returns a unique url and a transaction id to "Validation" that passes it on to the merchant as a response to the transaction request, meaning that the client will not be passed to the validation solution.

4/ if 2a and 2b both fail, a request for validation by Social Security Number (SSN) or Driver's License (DL) is initiated. This is mandatory for first time clients and they at that time must be coming from an US ip. The merchant gets a unique url to the validation solution in return to the transaction request.

5/ the client will be redirected by the merchant to a new window displaying this unique url, connecting to the validation solution. This unique url will have a TTL (TimeToLive) as defined individually in the merchant agreement. The validation solution reports back to the merchant using API callbacks when the client arrives and when either:

5a/ the validation request is abandoned and TTL expires

5b/ the validation fails after five attempts and the client's e-mail gets blacklisted

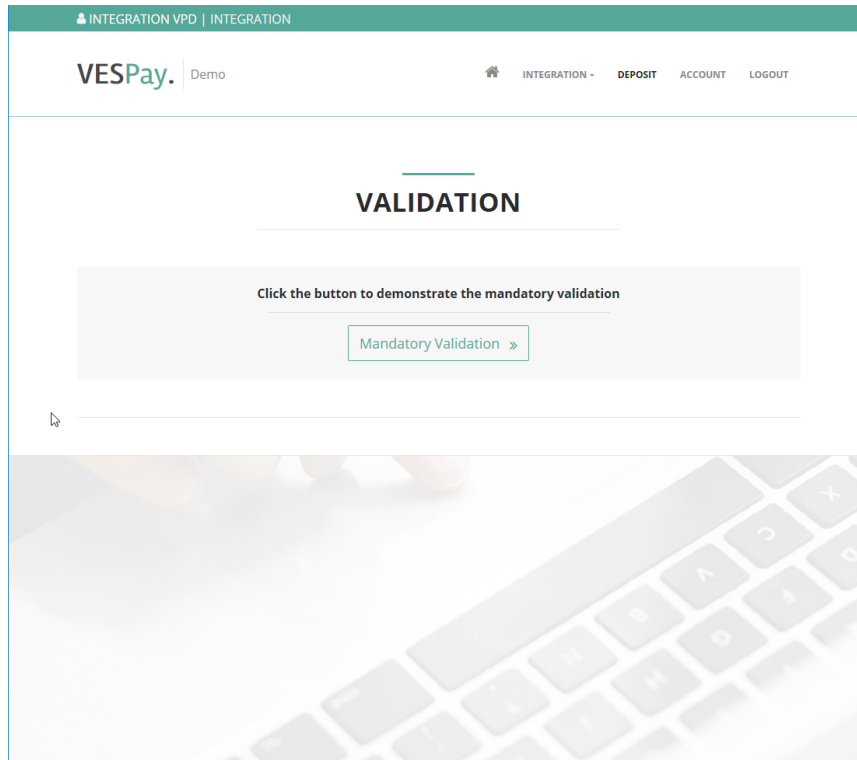
5c/ the validation is completed and the client is redirected to the shop.

6/ when the client fulfills SSN validation, the client's e-mail is marked as validated. Validation requests a unique url from the shop and redirects the client to that URL.

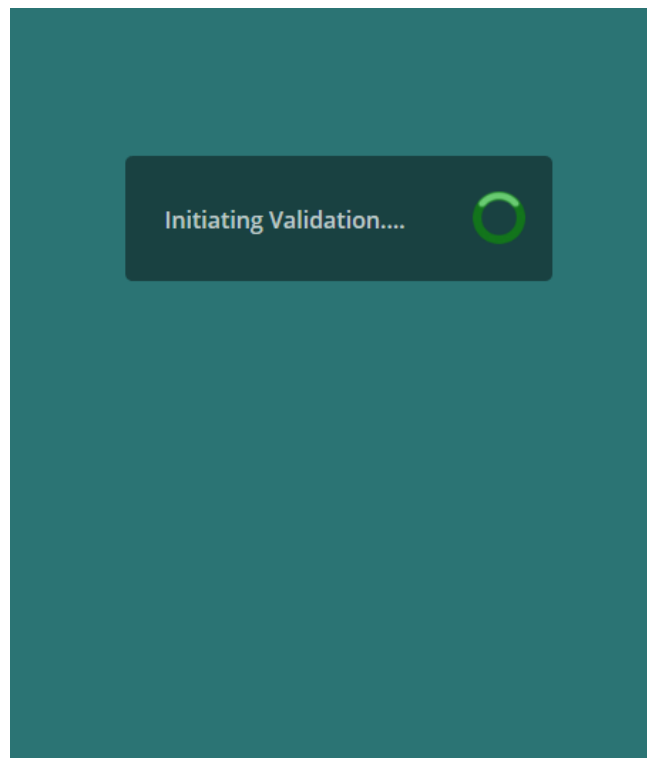
The validation solution provides feedback of the progress of the validation process to the merchant through a callback function (*see reference table with result codes chapter 1.7.3.1*).

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1.1.1 : Mandatory Validation button, opens new window.







1.2.1 : Validation page



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1.2.2 : Validation page with demo SSN

ValidationPortal





Welcome first time customer!

For security and fraud protection purposes you must verify your identity when making your first purchase.
This will not be necessary for your next purchase on this site.

Provided customer details

First Name: Mark	Surname: Marsupial
Street: 401 Lake Shore Drive	ZIP Code: 48104
City: Ann Arbor	State: MI
Country: US	Phone: 760-424-6944





Social Security Verification

The above provided details will be used to perform a SSN validation.

Input the last four (4) digits of your social security number.

We are fully compliant with the latest requirements set by the Payment Card Industry Data Security Standard Council (PCI DSS). Be assured that your information is transmitted, managed and stored by us in a safe and secure environment according to these PCI DSS standards.

1.2.3 : Validation page with demo SSN

ValidationPortal





Welcome first time customer!

For security and fraud protection purposes you must verify your identity when making your first purchase.
This will not be necessary for your next purchase on this site.

Provided customer details

First Name: Mark	Surname: Marsupial
Street: 401 Lake Shore Drive	ZIP Code: 48104
City: Ann Arbor	State: MI
Country: US	Phone: 760-424-6944

Social Security Verification





The above provided details will be used to perform a SSN validation.

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We are fully compliant with the latest requirements set by the Payment Card Industry Data Security Standard Council (PCI DSS). Be assured that your information is transmitted, managed and stored by us in a safe and secure environment according to these PCI DSS standards.

VESPay - Shop/Redemption

1.2.4 : Validation page, validating

ValidationPortal





Welcome first time customer!

For security and fraud protection purposes you must verify your identity when making your first purchase.
This will not be necessary for your next purchase on this site.





Provided customer details

First Name: Mark	Surname: Marsupial
Street: 401 Lake Shore Drive	ZIP Code: 48104
City: Ann Arbor	State: MI
Country: US	Phone: 760-424-6944

Validation is running. Please wait!

We are fully compliant with the latest requirements set by the Payment Card Industry Data Security Standard Council (PCI DSS). Be assured that your information is transmitted, managed and stored by us in a safe and secure environment according to these PCI DSS standards.

1.2.5 : Validation page, validating

ValidationPortal





Welcome first time customer!

For security and fraud protection purposes you must verify your identity when making your first purchase.
This will not be necessary for your next purchase on this site.

Provided customer details

First Name: Mark	Surname: Marsupial
Street: 401 Lake Shore Drive	ZIP Code: 48104
City: Ann Arbor	State: MI
Country: US	Phone: 760-424-6944

Validated Successfully!

Please wait while we are redirecting you to the retailer.
If you don't get redirected press the button below.

Click to get redirected to retailer

We are fully compliant with the latest requirements set by the Payment Card Industry Data Security Standard Council (PCI DSS). Be assured that your information is transmitted, managed and stored by us in a safe and secure environment according to these PCI DSS standards.

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1.3 : Shop

After a validation is completed the client is redirected to the shop using a unique transaction URL that has a TTL defined individually per Merchant.

The merchant gets a callback from the shop when the client arrives, and within the shop events are saved in a chronological order to trace the movements through the shop. The merchant receives a callback when key events occur, e.g. when the client has filled in his/her credit card number and initiated a purchase using credit card, and when the response is received from the PSP.

For possible result codes, see the reference table in chapter 1.6.4.1

The shop has a message template that presents the checkout page where the client chooses the amount of his voucher purchase and adds his/her credit card details.

On that message template is presented what Card Brands are valid, this is set on Merchant agreement level with a minimum player profile level for each VISA and MasterCard.

Before the credit card details are sent to the PSP they are checked against our own credit card blacklist.

If the response from the PSP is "denied" , under certain circumstances (e.g. the response from PSP is insufficient funds) the client can make another purchase attempt with another amount or credit card using this transaction request without having to start all over from Merchant.

The maximum number of attempts is defined in the merchant agreement setup in the Shop.

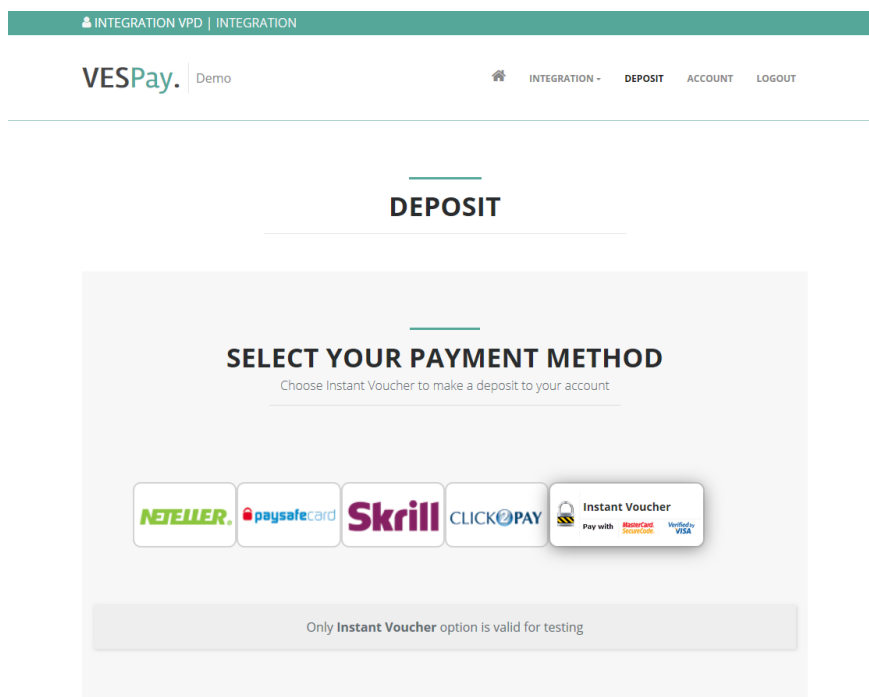
When the client fulfills a purchase of a voucher to the chosen amount, a callback is made to the merchant with the order number to this purchase as a reference.

The shop is designed and tested with browsers IE8 and above, FireFox, Chrome, Safari, Safari on iPad and iPhone, Chrome on mobile devices.

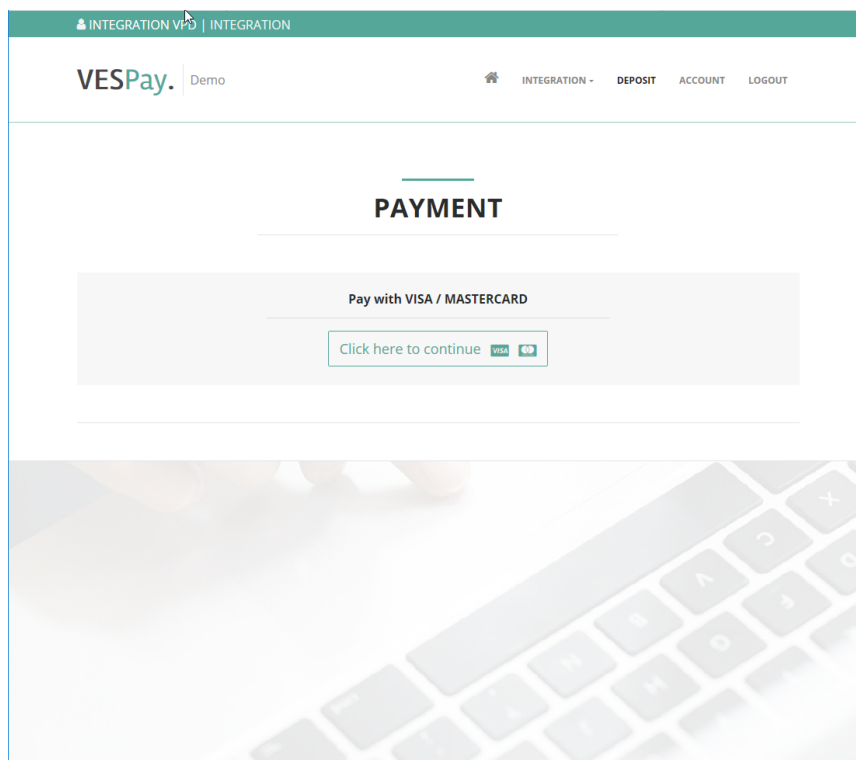
Is is fully responsive and switches to numeric keyboard on mobile devices when reaching the Checkout

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1.3.1 : Payment button within Merchant cashier



1.3.1 : Payment button, opens new window.



VESPay - Shop/Redemption

1.3.3 : Checkout page

Customer Support | FAQ

Purchase a multipurpose

Use a **Visa** or **MasterCard** to complete your purchase. Please fill out the required fields and click the 'Pay' button below. When doing so you are agreeing to our [Terms & Conditions](#) and [Privacy Policy](#). Your [redacted] code will be delivered instantaneously on screen and by email.

Mark Marsupial
 401 Lake Shore Drive
 Ann Arbor, MI 48104
 P: 760-424-6944
 nicktheking2@outlook.com

Amount: \$ Card number:

Month: Year: CVC:

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VERIFIED by VISA MasterCard SecureCode

1.3.4 : Checkout page, contact us

Customer Support / Contact us

Got a question or concern about **FirstSwissVoucher** or the service in general?

Please contact us using this form, or by email or phone:

Email: [redacted]
 Europe: [redacted]
 USA (toll-free): [redacted]

Name: Mark Marsupial
 E-Mail: nicktheking2@outlook.com

Enter Message Here

© Copyright 2017

VERIFIED by VISA MasterCard SecureCode

VESPay - Shop/Redemption

1.3.5 : Checkout page, faq

Frequently Asked Questions

Q: Where will my purchased code be sent?
Your code will be shown on screen and also sent by email to nicktheking2@outlook.com

Q:What amounts are allowed?
Minimum purchase amount is **\$0** and the maximum amount is **\$500**

Amount

Card number

Month

Year

CVC

Pay

\$

Enter card number

01

2017

CVC

Pay

© Copyright 2017

1.3.6 : Checkout page, test card

Customer Support | [FAQ](#)

Purchase a multipurpose

Use a **Visa** or **MasterCard** to complete your purchase. Please fill out the required fields and click the 'Pay' button below. When doing so you are agreeing to our [Terms & Conditions](#) and [Privacy Policy](#). Your code will be delivered instantaneously on screen and by email.

Mark Marsupial
401 Lake Shore Drive
Ann Arbor, MI 48104
P: 760-424-6944
nicktheking2@outlook.com

Amount

Card number

Month

Year

CVC

Pay

\$

35

4111111111111111

01

2018

123

Pay

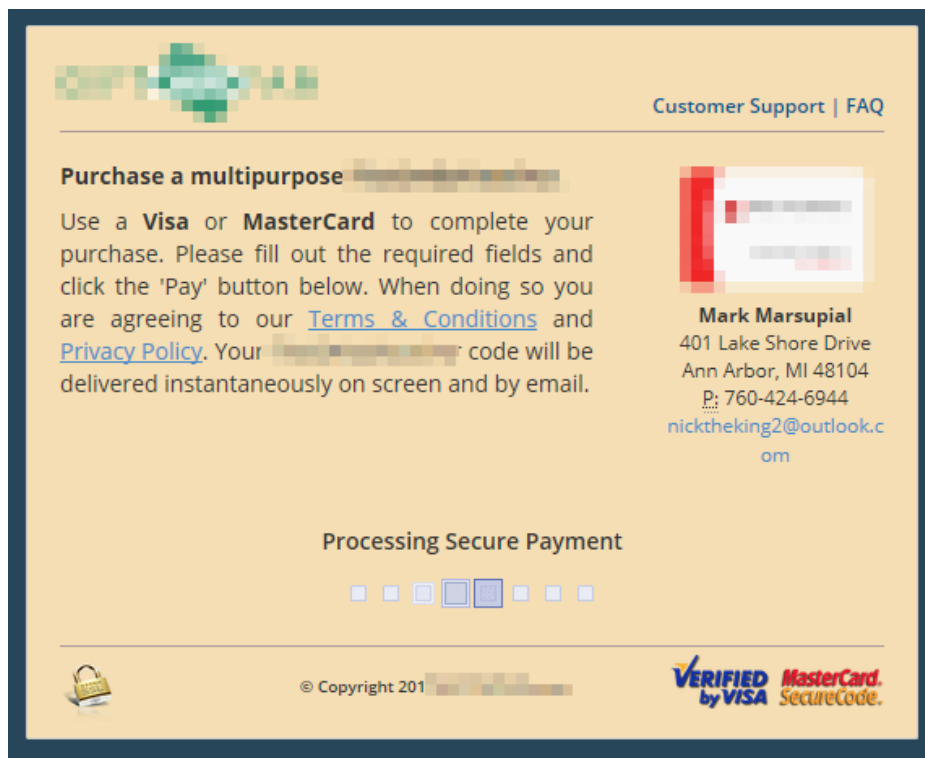
© Copyright 2017

Will be debited as: 30.30 EUR

Your bank might charge additional foreign exchange fees.

VESPay - Shop/Redemption

1.3.7 : Checkout page, processing



Customer Support | FAQ

Purchase a multipurpose

Use a **Visa** or **MasterCard** to complete your purchase. Please fill out the required fields and click the 'Pay' button below. When doing so you are agreeing to our [Terms & Conditions](#) and [Privacy Policy](#). Your [redacted] code will be delivered instantaneously on screen and by email.

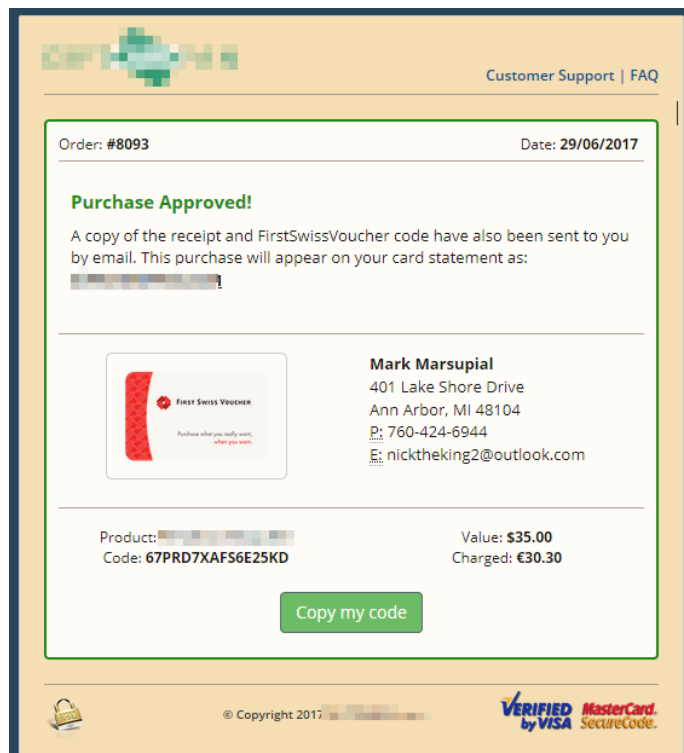
Mark Marsupial
401 Lake Shore Drive
Ann Arbor, MI 48104
P: 760-424-6944
nicktheking2@outlook.com

Processing Secure Payment

© Copyright 201 [redacted]

VERIFIED by VISA MasterCard SecureCode.

1.3.8 : Checkout page, approved



Customer Support | FAQ

Order: #8093 Date: 29/06/2017

Purchase Approved!

A copy of the receipt and FirstSwissVoucher code have also been sent to you by email. This purchase will appear on your card statement as:

[redacted]

Mark Marsupial
401 Lake Shore Drive
Ann Arbor, MI 48104
P: 760-424-6944
E: nicktheking2@outlook.com

Product: [redacted] Value: \$35.00
Code: 67PRD7XAFS6E25KD Charged: €30.30

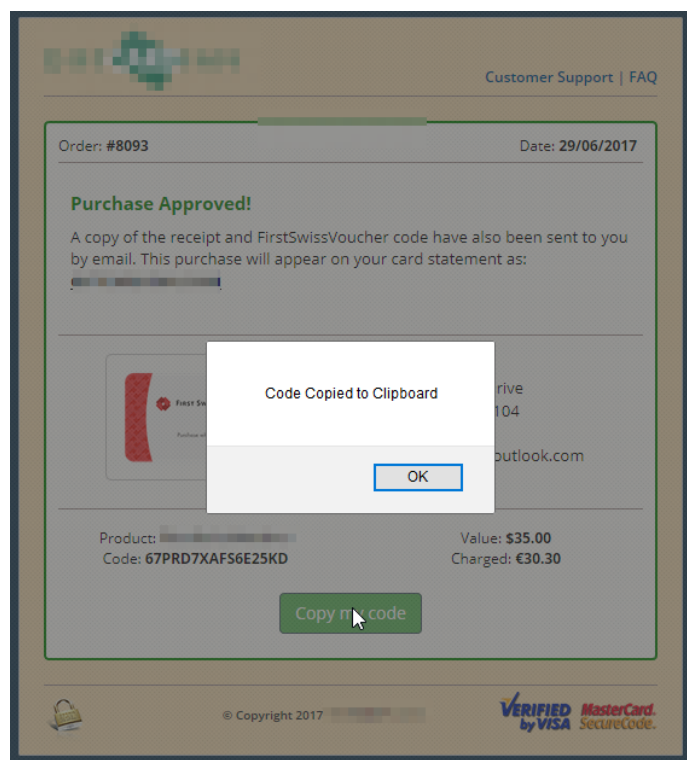
Copy my code

© Copyright 2017 [redacted]

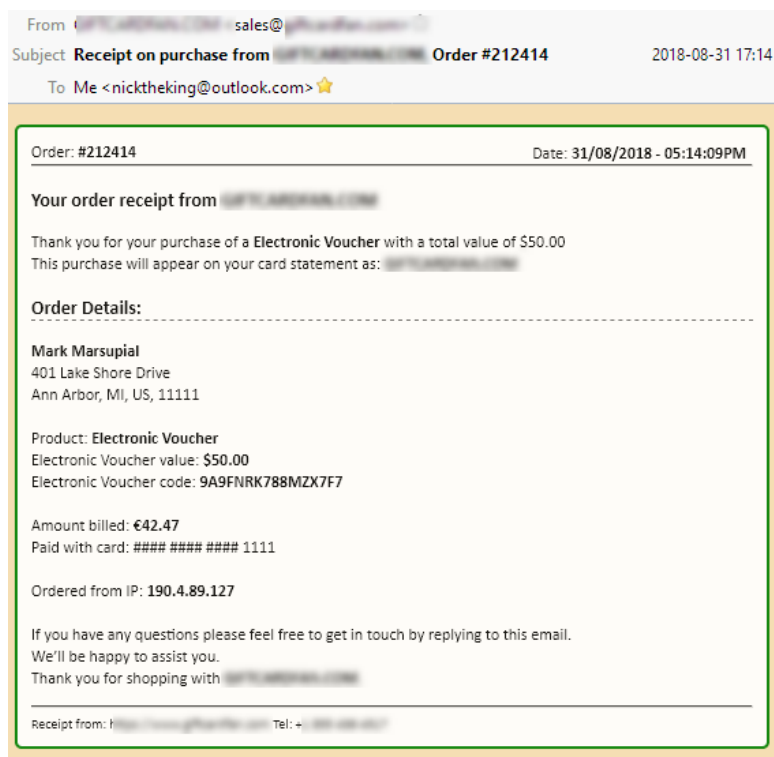
VERIFIED by VISA MasterCard SecureCode.

VESPay - Shop/Redemption

1.3.9 : Checkout page, code copied



1.3.10 : Email from purchase



VESPay - Shop/Redemption

1.4 : Voucher

After a purchase is completed the client is shown the full voucher code on the payment receipt page.

The code is placed in an input text box on a modal window with a copy function next to it.

The client can then close this new window and paste the code into the Redemption input text field on the merchant cashier page.

At the same time an email containing the full voucher code is sent from the shop to the client's email address. This email is in text format to ensure that no spam filters are triggered.

When the client uses the voucher code in the merchant's cashier page an S2S request is made to the voucher solution.

The provided email and IP is checked against the blacklist in the voucher solution. If the voucher is valid, the response from the Voucher solution to the API call will be in Json format encoded as UTF-8, containing the amount and currency for the voucher code. As reference, the voucher number is also returned in the same response.

If the voucher is not valid a response status indicates what is wrong, (*see reference table with result codes chapter 1.6.6.1*).

A base64 encoded message is composed and returned in the response to the above API call with the redemption request. This message is meant to be presented to the client within the cashier system, see an example message in this documentation chapter 1.4.1

At the time of redemption of the voucher an email confirmation of the order is sent to the purchaser, with the content described below.

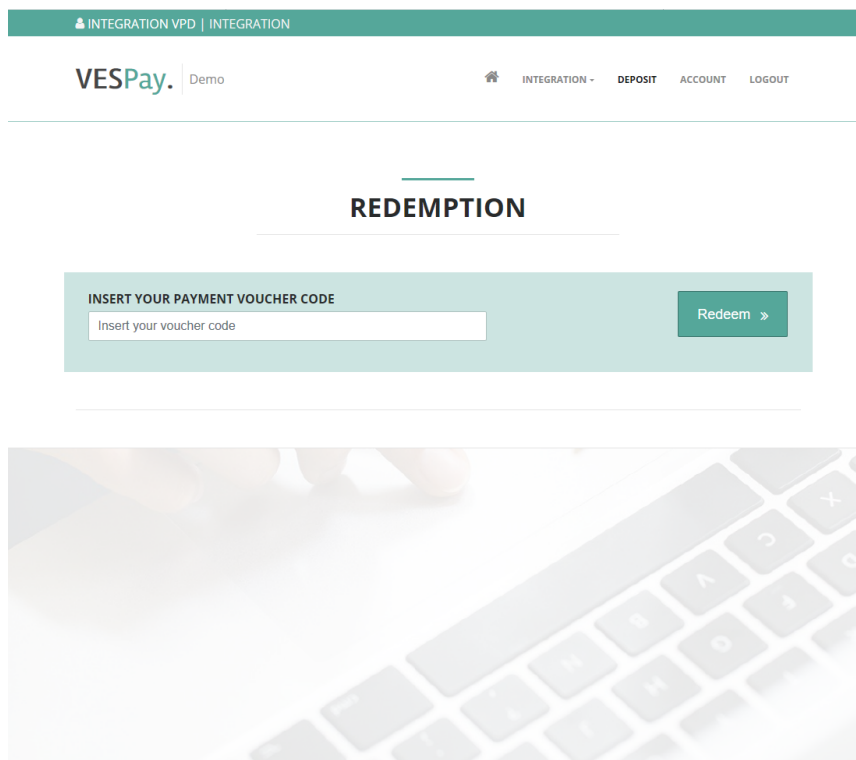
Both the message and the email content can be merchant independent.

In case a client does not redeem the voucher within the specified TTL (specific to that merchant) an email will be sent to the client informing him that according to the T&Cs any voucher not redeemed within xx hours will be refunded and the voucher blocked.

If the voucher is blocked or refunded a callback to the merchant system is made from the **Shop** solution, as at the same time the order will be changing status, (*see reference table with result codes chapter 1.6.4.1*).

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1.4.1 : Redemption button within Merchant cashier



INTEGRATION VPD | INTEGRATION

VESPay. Demo

INTEGRATION - DEPOSIT ACCOUNT LOGOUT

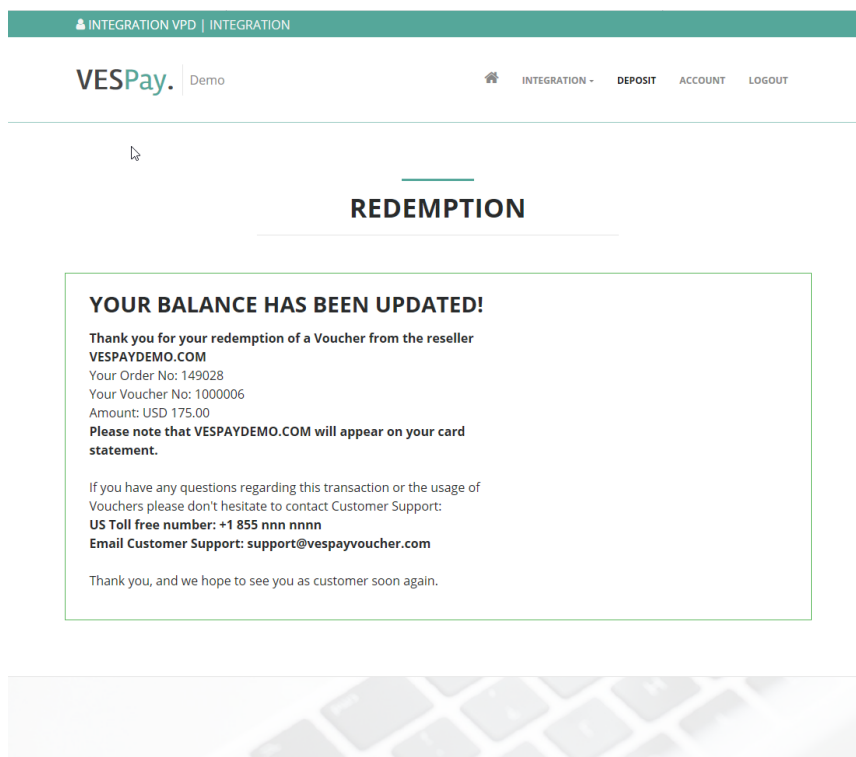
REDEMPTION

INSERT YOUR PAYMENT VOUCHER CODE

Insert your voucher code

Redeem »

1.4.2 : Message presented by merchant at successful redemption



INTEGRATION VPD | INTEGRATION

VESPay. Demo

INTEGRATION - DEPOSIT ACCOUNT LOGOUT

REDEMPTION

YOUR BALANCE HAS BEEN UPDATED!

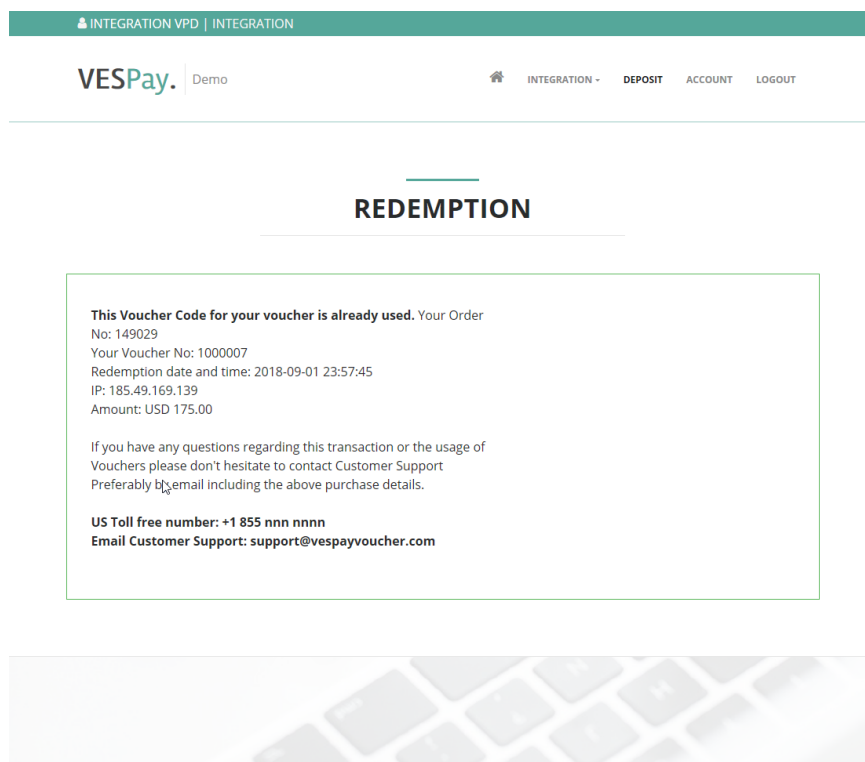
Thank you for your redemption of a Voucher from the reseller
VESPAYDEMO.COM
Your Order No: 149028
Your Voucher No: 1000006
Amount: USD 175.00
Please note that VESPAYDEMO.COM will appear on your card statement.

If you have any questions regarding this transaction or the usage of Vouchers please don't hesitate to contact Customer Support:
US Toll free number: +1 855 nnn nnnn
Email Customer Support: support@vespayvoucher.com

Thank you, and we hope to see you as customer soon again.

VESPay - Shop/Redemption

1.4.3 : Message presented by merchant at unsuccessful redemption



1.4.4 :

VESPay - Shop/Redemption

1.5 : Best Practice demo

Best Practice demo domain, <https://www.vespaydemo.com>

An invitation will be sent by email, this demo shows how to best integrate the solution in a cashier system.

This Best Practice demo shows the best way to popup a new window with the shop without getting blocked by popup blockers.

As we need a distinct separation of our shop/voucher solution from our Merchants cashier systems we will not redirect back the customer to the cashier after a successful purchase in the shop.

We also request that you use the **Instant GiftCard** or **Instant Voucher** as payment solution name in the Cashier, VESPay or the shop name should **not** be mentioned in the Cashier. The customer will not until entering the Shop know the name of the Billing descriptor (Shop domain name).

Just send us the email if there is someone else doing the integration, and we will send an invite to VesPayDemo

For successful validation in above Best Practice Demo, the following SSN is to be used in POC test form:

SSN: 2213

In the Shop checkout using following card details.

VISA
4111111111111111

MasterCard
5399999999999999

Visa 3-D Secure
4000000000000002
use 11111 as 3DS approved code

MasterCard 3-D Secure
5300000000000006

VISA DECLINED
4111113333333333

YY / MM any in the future
cvc any three digits

VESPay - Shop/Redemption

1.6 : Introduction to API

The following pages shows the API in the three systems.

Merchant integrates against the **Transaction initiation API of Validation** and the **Redemption API of Voucher**.

The API calls to these two API will receive response in Json format, encoded as UTF-8.

Also will merchant need to have a API built that will receive the **Callllbacks coming from Validation, Shop and Voucher**.

These callbacks will give merchant realtime updates of the progress of these initiated transactions.

Every transaction will have a separate TTL in each part of the systems, if a Validation is initiated and not completed with defined TTL, the unique url will be unusable and merchant will be updated through callback from validation that this transaction has been abandoned in validation, same for transaction that have continued in to the shop.

VESPay - Shop/Redemption

1.6.1 : Router Transaction request Shop/Voucher - API definition

Transaction API request from merchant to router

Target API Url TEST: **https://apitest.securepaymentrouter.com/v2/transaction/request**

Target API Url LIVE: **https://api.securepaymentrouter.com/v2/transaction/request**

Support request method: **http post**

Content type in above: **application/x-www-form-urlencoded**

Response format: **utf-8**

Conditions: **field names in lower case**

Revision: **3.0.1.6**

Name	Description	Conditional Status	Datatype	Length	Mandatory
apikey	merchant unique key		Varchar	16	Yes
firstname	first name of client		Varchar	32	Yes
lastname	surname of client		Varchar	32	Yes
email	e-mail of client		Varchar	128	Yes
address	address of client		Varchar	128	Yes
postcode	zip for client		Varchar	12	Yes
city	city for client		Varchar	64	Yes
countrycode	country in iso 2 alpha		Varchar	2	Yes
statecode	state in iso 2 alpha		Varchar	2	Yes
phonehome	home phone number of client		Varchar	15	Yes
phonemobile	mobile phone number of client		Varchar	15	No
language	desired language in solution (en_US)		Varchar	5	Yes
webreaderagent	web reader agent of client browser		Varchar	400	Yes
ipaddress	ip address for clients session		Varchar	15	Yes
traceid	your reference to this transaction request		Varchar	32	Yes
username	clients user name in cashier		Varchar	32	Yes
usercreateddate	date when clients account was created in cashier (dd/mm/yyyy, mm/dd/yyyy or yyyy-mm-dd)		Date		Yes
userprofile	rating/profile for client (1, 2, 3, 4 or 5) within the solution that request is coming from		Varchar	20	No
blackbox	If Cashier is using iOvation device identification, send the Blackbox in request		Varchar	4000	No

VESPay - Shop/Redemption

1.6.2 : Router response Shop/Voucher - API definition

Router response to transaction API request from merchant

Target API Url TEST: **None, response definition**

Target API Url LIVE: **None, response definition**

Support request method: **response to received post**

Content type in above:

Response format: **utf-8 Json**

Conditions: **field names in lower case**

Name	Description	Conditional Status	Datatype	Length	Mandatory
sender	Originating system the response is coming from, router, validation, shop or voucher		Varchar	8	Yes
apikey	merchant unique key		Varchar	16	Yes
approved	True if Transaction request is approved		Boolean		Yes
errorcode	Error code if approved = False, Approved=True sends 0, see "Error codes in response"		Int		Yes
errordescription	Short description of above Error code	Approved=false	Varchar	32	Yes
parametererrors	Contains description of errors in parameters in Validation request	only if errorcode = 904	Varchar	400	Yes
messageclient	Html message to display to client within merchant GUI, base 64 encoded		Varchar	256	Yes
transactionid	Unique id for transaction created in router		Int		Yes
traceid	your reference to this transaction request		Varchar	32	Yes
redirecturl	Unique url to where client is redirected	Approved=true	Varchar	128	Yes
datetimecreated	local time stamp of responding server ISO 8601 (yyyy-mm-dd hh:mm:ss)		DateTime		Yes
timezone	Time zone of responding server (Europe/Amsterdam)		varchar	32	Yes

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1.6.2.1 : Result codes (18)

code	Name	Returned when
120	Velocity on Email in router	Post Response
121	Velocity on ip in router	Post Response
122	Velocity on device in router	Post Response
801	Request blocked, Blacklisted Device	Post Response
802	Request blocked, Blacklisted Network CIDR (Ip segment)	Post Response
803	Request blocked, Blacklisted IP	Post Response
804	Request blocked, Blacklisted Email	Post Response
805	Request blocked, Blacklisted Address	Post Response
901	Wrong ApiKey	Post Response
902	Reached projected 24H limit on Contract	Post Response
903	Merchant not Active	Post Response

code	Name	Returned when
904	Values missing	Post Response
905	Values wrong format	Post Response
906	Minimum conditions on profile or age	Post Response
920	Network Country not approved	Post Response
921	IP network type not approved	Post Response
998	Temporarily disabled for system update	Post Response
999	Other API Error	Post Response

VESPay - Shop/Redemption

1.6.3 : Validation callback Shop/Voucher - API definition

Validation callback to merchant with changes in status on validation request

Target API Url TEST: **Provided by Merchant**

Target API Url LIVE: **Provided by Merchant**

Support request method: **http post**

Content type in above: **application/x-www-form-urlencoded**

Response format: **utf-8**

Conditions: **field names in lower case**

Revision: **3.0.1.7**

Name	Description	Conditional Status	Datatype	Length	Mandatory
sender	Originating system the callback is coming from, router, validation, shop or voucher		Varchar	8	Yes
apikey	merchant unique key		Varchar	16	Yes
statuscode	Status change of the Validation		Int		Yes
statusdescription	Short description of above status code		Varchar	32	Yes
traceid	your reference to this transaction request		Varchar	32	Yes
transactionid	Unique id for transaction created in router		Int		Yes
datetimecreated	local time stamp of responding server ISO 8601 (yyyy-mm-dd hh:mm:ss)		DateTime		Yes
timezone	Time zone of responding server (Europe/Amsterdam)		varchar	32	Yes

1.6.3.1 : Result codes (10)

code	Name	Returned when
63	ValidationForm shown	Callback
74	Validation Declined SSN	Callback
94	Validation Approved SSN	Callback
801	Request blocked, Blacklisted Device	Callback
803	Reqeust blocked, Blacklisted IP	Callback
810	Client arrived to Expired Validation (TTL)	Callback
812	Validation blocked, Max validation attempts	Callback

code	Name	Returned when
819	Validation blocked, other reason	Callback
920	Network Country not approved	Callback
921	IP network type not approved	Callback

VESPay - Shop/Redemption

1.6.4 : Shop callback Shop/Voucher - API definition

Shop callback to merchant with changes in status on order in Shop

Target API Url TEST: **Provided by Merchant**

Target API Url LIVE: **Provided by Merchant**

Support request method: **http post**

Content type in above: **application/x-www-form-urlencoded**

Response format: **utf-8**

Conditions: **field names in lower case**

Revision: **3.1.2.2**

Name	Description	Conditional Status	Datatype	Length	Mandatory
sender	Originating system the callback is coming from, router, validation, shop or voucher		Varchar	8	Yes
apikey	merchant unique key		Varchar	16	Yes
statuscode	Status change of the Transaction		Int		Yes
statusdescription	Short description of above status code		Varchar	32	Yes
traceid	your reference to this transaction request		Varchar	32	Yes
transactionid	Unique id for transaction created in router		Int		Yes
orderid	Unique id on billing descriptor for order created in shop		Int		Yes
billingdescriptor	Billingdescriptor used for purchase		Varchar	32	Yes
bin	BIN for card used		Int		Yes
datetimecreated	local time stamp of responding server ISO 8601 (yyyy-mm-dd hh:mm:ss)		DateTime		Yes
timezone	Time zone of responding server (Europe/Amsterdam)		varchar	32	Yes

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1.6.4.1 : Result codes (43)

code	Name	Returned when
103	Checkout Page shown	Callback
104	Customer cancel	Callback
105	Wrong CC values	Callback
106	Wrong Card Brand, not Visa or MC	Callback
107	Unauthorised Card type	Callback
108	Unauthorised Card country	Callback
109	Amount outside min/max	Callback
124	Card used by more then on email	Callback
203	PSP Declined, denied by Issuer	Callback
204	PSP Declined, Insufficient Funds	Callback
205	PSP Declined, Invalid 3DS authentication	Callback
206	PSP Declined, Card Info wrong	Callback
207	PSP Declined, Stolen Card	Callback
208	PSP Declined, Retain Card	Callback
209	PSP Declined, 3DS is not enabled on card	Callback
210	PSP Declined, Suspicion of fraud	Callback
211	PSP Authentication failed. Please retry or cancel	Callback
212	PSP, Canceled by cardholder	Callback
213	PSP Declined, maximum time allowed has elapsed	Callback
214	PSP Declined, A technical problem has occurred. P	Callback
215	PSP Declined, Restricted Card	Callback
216	PSP Declined, Issuing Bank is temporarily unavailable	Callback
217	PSP Declined, Amount exceeds card limit, contact card issuer	Callback
270	Velocity on Email in checkout	Callback

code	Name	Returned when
271	Velocity on ip in checkout	Callback
272	Velocity on device in checkout	Callback
273	Velocity on Card in checkout	Callback
280	PSP Blocked, Velocity on email	Callback
281	PSP Blocked, Velocity on ip	Callback
282	PSP Blocked, Velocity on card	Callback
296	PSP Error, PSP system level	Callback
297	PSP Error, Integration level	Callback
298	PSP Declined, Other Error	Callback
299	PSP, Declined, unknown PSP Error	Callback
801	Request blocked, Blacklisted Device	Callback
802	Request blocked, Blacklisted Network CIDR (Ip segment)	Callback
803	Request blocked, Blacklisted IP	Callback
806	Order blocked, Blacklisted Card	Callback
807	Order blocked, Blacklisted Card BIN	Callback
820	Client arrived to Expired Transaction (TTL)	Callback
829	Transaction blocked, other reason	Callback
920	Network Country not approved	Callback
921	IP network type not approved	Callback

VESPay - Shop/Redemption

1.6.5 : Voucher Redemption request Shop/Voucher - API

Redemption API request from merchant to voucher

Target API Url TEST: **<https://apitest.securepaymentrouter.com/v2/voucher/redeem>**

Target API Url LIVE: **<https://api.securepaymentrouter.com/v2/voucher/redeem>**

Support request method: **http post**

Content type in above: **application/x-www-form-urlencoded**

Response format: **utf-8**

Conditions: **field names in lower case**

Revision: **3.0.1.6**

Name	Description	Conditional Status	Datatype	Length	Mandatory
apikey	merchant unique key		Varchar	16	Yes
firstname	first name of client		Varchar	32	Yes
lastname	surname of client		Varchar	32	Yes
email	e-mail of client		Varchar	128	Yes
language	desired language in solution (en_US)		Varchar	5	Yes
webreaderagent	web reader agent of client browser		Varchar	400	Yes
ipaddress	ip address for clients session		Varchar	15	Yes
traceid	your reference to this transaction request		Varchar	32	Yes
username	clients user name in cashier		Varchar	32	Yes
usercreateddate	date when clients account was created in cashier (dd/mm/yyyy, mm/dd/yyyy or yyyy-mm-dd)		Date		Yes
userprofile	rating/profile for client (1, 2, 3, 4 or 5) within the solution that request is coming from		Varchar	20	No
blackbox	If Cashier is using iOvation device identification, send the Blackbox in request		Varchar	4000	No
vouchercode	the unique voucher code that client has purchased, 16 character, without ambiguous characters		Varchar	20	Yes

VESPay - Shop/Redemption

1.6.6 : Voucher Redemption response Shop/Voucher - API

Voucher Redemption response to Redemption API request from merchant

Target API Url TEST: **None, response defintion**

Target API Url LIVE: **None, response defintion**

Support request method: **response to received post**

Content type in above:

Response format: **utf-8 Json**

Conditions: **field names in lower case**

Revision: **3.0.1.6**

Name	Description	Conditional Status	Datatype	Length	Mandatory
sender	Originating system the response is coming from, router, validation, shop or voucher		Varchar	8	Yes
apikey	merchant unique key		Varchar	16	Yes
approved	True if Redemption request is approved		Boolean		Yes
errorcode	Error code if approved = False, Approved=True sends 0, see "Error codes in response"		Int		Yes
errordescription	Short description of above Error code	Approved=false	Varchar	32	Yes
parametererrors	Contains description of errors in parameters in Redemption request	only if errorcode = 904	Varchar	400	Yes
traceid	your reference to this redemption request		Varchar	32	Yes
transactionid	Unique id for transaction created in router	Voucher Code valid	Int		Yes
orderid	Unique id on billing descriptor for order created in shop	Voucher Code valid	Int		Yes
amount	Value of purchase, in Int format (100,00 --> 10000)	Approved=true	Int		Yes
currency	currency of voucher, in ISO 4217 format	Approved=true	Varchar	3	Yes
bin	BIN for card used	Voucher Code valid	Int		Yes
billingdescriptor	Billingdescriptor used for approved purchase	Voucher Code valid	Varchar	32	Yes
messageclient	Html message to display to client within merchant GUI, base 64 encoded		Varchar	256	Yes
datetimecreated	local time stamp of responding server ISO 8601 (yyyy-mm-dd hh:mm:ss)		DateTime		Yes
timezone	Time zone of responding server (Europe/Amsterdam)		varchar	32	Yes

VESPay - Shop/Redemption

1.6.6.1 : Result codes (18)

code	Name	Returned when
406	Voucher redemption denied, used	Post Response
407	Voucher redemption denied, refunded	Post Response
408	Voucher redemption denied, invalid voucher code	Post Response
499	Other Voucher Error	Post Response
801	Request blocked, Blacklisted Device	Post Response
802	Request blocked, Blacklisted Network CIDR (Ip segment)	Post Response
803	Request blocked, Blacklisted IP	Post Response
804	Request blocked, Blacklisted Email	Post Response
901	Wrong ApiKey	Post Response
902	Reached projected 24H limit on Contract	Post Response
903	Merchant not Active	Post Response

code	Name	Returned when
904	Values missing	Post Response
905	Values wrong format	Post Response
906	Minimum conditions on profile or age	Post Response
920	Network Country not approved	Post Response
921	IP network type not approved	Post Response
998	Temporarily disabled for system update	Post Response
999	Other API Error	Post Response

VESPay - Shop/Redemption

1.6.7 : Voucher callback Shop/Voucher - API definition

Voucher API callback to merchant with changes in status on voucher in Voucher system

Target API Url TEST: **Provided by Merchant**
 Target API Url LIVE: **Provided by Merchant**
 Support request method: **http post**
 Content type in above: **application/x-www-form-urlencoded**
 Response format: **utf-8**
 Conditions: **field names in lower case**
 Revision: **3.0.1.7**

Name	Description	Conditional Status	Datatype	Length	Mandatory
sender	Originating system the callback is coming from, router, validation, shop or voucher		Varchar	8	Yes
apikey	merchant unique key		Varchar	16	Yes
statuscode	Status change of the Voucher		Int		Yes
statusdescription	Short description of above status code		Varchar	32	Yes
traceid	your reference to this transaction request		Varchar	32	Yes
transactionid	Unique id for transaction created in router	Voucher Code valid	Int		Yes
orderid	Unique id on billing descriptor for order created in shop	Voucher Code valid	Int		Yes
billingdescriptor	Billingdescriptor used for purchase		Varchar	32	Yes
bin	BIN for card used	Voucher Code valid	Int		Yes
datetimecreated	local time stamp of responding server ISO 8601 (yyyy-mm-dd hh:mm:ss)		DateTime		Yes
timezone	Time zone of responding server (Europe/Amsterdam)		varchar	32	Yes
amount	Value of purchase, in Int format (100,00 --> 10000)		Int		Yes
currency	currency of voucher, in ISO 4217 format		Varchar	3	Yes

1.6.7.1 : Result codes (8)

code	Name	Returned when
490	Voucher Refunded, Merchant request	Callback
491	CB Prevention by staff decision, is refunded	Callback
492	CB prevention, related Vouchers is refunded	Callback
493	Chargeback, not refunded	Callback

code	Name	Returned when
494	Fraud alert, Ethoca, is refunded	Callback
495	Fraud alert, CDRN, is refunded	Callback
496	CB prevention, that is refunded, receives CB	Callback
498	Unused Voucher, that is refunded, receives CB	Callback