



Virtual Access Internet B.V.
Technical Documentation

VXS API

VXSBill Interface - Transaction Rebill

VXSBill Interface

The options explained in this document:

- 1) How to create a transaction and check on the status
 - 2) How to create a refund
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- A) Country code table
 - B) PHP example on how to create a re-bill transaction
 - C) PHP example on how to check the transaction status
 - D) PHP example on how to create a refund

Attention: The IP (range) of the server that calls our application needs to be registered in VXSBill.

VXS API

1) How to create a transaction and check on the status

This is a two step process.

Step 1 : Create the transaction. (Re-billing)

Step 2 : Check the status of the transaction.

Only a blacklist check is done when creating a transaction, because the AVS check is done separately.

Please contact us if you are going to store the credit card information in the local database. We advise not to do so, because you need to be PCI approved.

Please note that you have to check the status of the transaction until the transaction has reached its final status (Approved or Declined). This can take some time, so checking 3 or 4 times is not enough!!

Most transactions are processed within 10 seconds, but transactions can take much longer. This happens in case the issuer, the internet, the bank network or VXSbill has problems processing the transaction. We will retry until we get the "approved" or "declined" feedback from the issuer.

Step 1:

URL http://secure.vxsbill.com/create_transaction.php3

Input fields	Type	Description
username	Mandatory	Your username of the VXSbill platform
password	Mandatory	Your password of the VXSbill platform
site	Mandatory	Your site id of the VXSbill platform
package	Mandatory	Your package id of the VXSbill platform
trans_id	Mandatory	The transaction_id of the initial transaction
expire_month	Optional	Expiry month of the credit card (mm)
expire_year	Optional	Expiry year of the credit card (yyyy)
cvcode	Optional	CVC of the credit card (3 digits)
price	Mandatory	Price in cents WITHOUT dots or commas (10 Euro=1000)

Output fields	Description
Error: Temporary unavailable.	Your IP has not been verified yet, please contact our support desk
Error: Access denied.	Your IP has not been verified yet, please contact our support desk
Error: DB	Database problems, please contact our support desk
Error: Insert	Database problems, please contact our support desk
Error: Blacklisted	The card is blacklisted
Error: Expiry	Invalid expiry
Error: Price	Invalid price
Error: Transaction not found	The initial transaction is not found
OK: transaction_id	The transaction is created. The transaction_id is a unique ID that identifies the transaction

Step 2:

URL http://secure.vxsbill.com/check_transaction.php3

Input fields	Type	Description
trans_id	Mandatory	The transaction_id returned by create_transaction
format	Mandatory	The return format. Always 1.

Output fields	Description
Error: Temporary unavailable.	Your IP has not been verified yet, please contact our support desk
Error: Access denied.	Your IP has not been verified yet, please contact our support desk
Error: DB	Database problems, please contact our support desk
Error: Transaction not found.	The transaction could not be found.
OK: status: message	The status is a numeric value that indicates the status of the transaction and message returns the text.

Possible status return values:

100 Approved
 101 Declined
 < 99 Pending

Possible message return values:

Approved	Pending
Refer to issuer	Refer to issuer - Special condition
File is temporarily unavailable	Issuer or switch is temporarily unavailable
Pick up card	Pick up card - Special condition
Pick up card – Lost	Pick up card - Stolen
CVC2 incorrect	Verification error
Already reversed at switch	Invalid amount
Can not verify PIN	Invalid creditcard number
Cashback limit exceeded	Cashback service not available
Verification error	Invalid date
Do not honor	Insufficient funds
Exceeds issuer withdrawal limit	Exceeds withdrawal limit
Invalid service code, restricted	Activity limit exceeded
Violation, cannot complete	Cryptographic error
General error	Expired card
Destination not found	Invalid transaction
No account	Unable to backout transaction
Cardholder black-listed	Inconsistent data
No checking account	No credit account
No savings account	No such issuer
PIN tries exceeded	Re-enter transaction
Security violation	Transaction not permitted - Card
Transaction not permitted – Terminal	System malfunction
Invalid merchant ID	Incorrect PIN
CVV2 value supplied is invalid	Syntax error

2) How to create a refund

URL http://secure.vxsbill.com/create_refund.php3

Input fields	Type	Description
username	Mandatory	Your username of the VXSbill platform
password	Mandatory	Your password of the VXSbill platform
site	Mandatory	Your site id of the VXSbill platform
trans_id	Mandatory	The transaction id returned by create_transaction
price	Optional	Price in cents WITHOUT dots or commas (10 Euro=1000) If the price is zero a full refund is done.

Output fields	Description
Error: Temporary unavailable.	Your IP has not been verified yet, please contact our support desk
Error: Access denied.	Your IP has not been verified yet, please contact our support desk
Error: DB	Database problems, please contact our support desk
Error: Not found.	The transaction is not found
Error: Already refunded	The transaction is already fully refunded. A refund is not needed
Error: Already charge backed	The transaction was charged back. A refund is not allowed
Error:	General error creating the refund
OK: refund_id	The refund is created. The refund_id is a unique ID that identifies the refund

A) Country codes

1	Afghanistan	AF	121	Liechtenstein	LI
2	Albania	AL	122	Lithuania	LT
3	Algeria	DZ	123	Luxemburg (EU)	LU
4	American Samoa	AS	124	Macau	MO
5	Andorra	AD	125	Macedonia	MK
6	Angola	AO	126	Madagascar	MG
7	Anguilla	AI	127	Malawi	MW
8	Antarctica	AQ	128	Malaysia	MY
9	Antigua and Barbuda	AG	129	Maldives	MV
10	Argentina	AR	130	Mali	ML
11	Armenia	AM	131	Malta 5 digit postal code	MT
12	Aruba	AW	132	Malta 6 digit postal code	MT
13	Australia	AU	133	Martinique	MQ
14	Austria (EU)	AT	134	Mauritania	MR
15	Azerbaijan	AZ	135	Mauritius	MU
16	Bahamas	BS	136	Mexico	MX
17	Bahrein 3 digit zip	BH			
18	Bahrein 4 digit zip	BH	138	Monaco	MC
19	Bangladesh	BD	139	Mongolia	MN
20	Barbados	BB	140	Montserrat	MS
21	Belarus	BY	141	Morocco	MA
22	Belgium-Flanders (EU)	BE	142	Mozambique	MZ
23	Belgium-Wallonia (EU)	BE	143	Namibia	NA
24	Belize	BZ	144	Nauru	NR
25	Benin	BJ	145	Nepal	NP
26	Bermuda	BM	146	Netherlands (EU)	NL
27	Bhutan	BT	147	Netherlands Antilles	AN
28	Bolivia	BO	148	New Caledonia	NC
29	Bosnia-Herzegovina	BA	149	New Zealand	NZ
30	Botswana	BW	150	Nicaragua	NI
31	Bouvet Island	BV	151	Niger	NE
32	Brazil	BR	152	Nigeria	NG
33	British Indian Ocean Territory	IO	153	Niue	NU
34	British Virgin Island	VG	154	Norfolk Island	NF
35	Brunei Darussalam	BN	155	Northern Mariana Islands	MP
36	Bulgaria	BG	156	Norway	NO
37	Burkina Faso	BF	157	Oman	OM
38	Burundi	BI	158	Pakistan	PK
39	Cameroon	CM	159	Panama	PA
40	Canada	CA	160	Papua New Guinea	PG
41	Cape Verde	CV	161	Paraguay	PY
42	Cayman Islands	KY	162	Peru	PE
43	Central African Republic	CF	163	Philippines	PH
44	Chad	TD	164	Pitcairn	PN
45	Chile	CL	165	Poland	PL
46	China	CN	166	Portugal (EU)	PT
47	Christmas Island	CX	167	Puerto Rico	PR
48	Cocos Islands	CC	168	Qatar	QA
49	Columbia	CO	169	Republic of Moldova	MD
50	Comoros	KM	170	Reunion	RE
51	Congo	CG	171	Romania	RO
52	Congo, Democratic Republic of	CD	172	Russian Federation	RU
53	Cook Islands	CK	173	Rwanda	RW
54	Costa Rica	CR	174	Samoa	WS
55	Cote d'Ivoire	CI	175	San Marino	SM
56	Croatia	HR	176	Sao Tome and Principe	ST
57	Cuba	CU	177	Saudi Arabia	SA
58	Cyprus	CY	178	Senegal	SN
59	Czech Republic	CZ	179	Seychelles	SC

61	Denmark (EU)	DK	180	Sierra Leone	SL
62	Djibouti	DJ	181	Singapore	SG
63	Dominica	DM	182	Slovak Republic	SK
64	Dominican Republic	DO	183	Slovenia	SI
65	East Timor	TP	184	Solomon Islands	SB
66	Ecuador	EC	185	Somalia	SO
67	Egypt	EG	186	South Africa	ZA
68	El Salvador	SV	187	South Korea	KR
69	Equatorial Guinea	GQ	188	Spain (EU)	ES
70	Estonia	EE	189	Sri Lanka	LK
71	Ethiopia	ET	190	St. Vincent and the Grenadines	VC
72	Faeroe Islands	FO	191	St.Helena	SH
73	Falkland Islands	FK	192	St.Kitts and Nevis	KN
74	Fiji Islands	FJ	193	St.Lucia	LC
75	Finland (EU)	FI	194	St.Pierre and Miquelon	PM
76	France (EU)	FR	195	Sudan	SD
77	French Guiana	GF	196	Suriname	SR
78	French Polynesia	PF	197	Svalbard & Jan Mayen Islands	SJ
79	Gabon	GA	198	Swaziland	SZ
80	Gambia	GM	199	Sweden (EU)	SE
81	Georgia	GE	200	Switzerland	CH
82	Germany (EU)	DE	201	Syria	SY
83	Ghana	GH	202	Taiwan	TW
84	Gibraltar	GI	203	Tajikistan	TJ
85	Greece (EU)	GR	204	Tanzania	TZ
86	Greenland	GL	205	Thailand	TH
87	Grenada	GD	206	Togo	TG
88	Guadeloupe	GP	207	Tokelau	TK
89	Guam	GU	208	Tonga	TO
90	Guatemala	GT	209	Trinidad and Tobago	TT
91	Guinea	GN	210	Tunesia	TN
92	Guinea-Bissau	GW	211	Turkey	TR
93	Guyana	GY	212	Turkmenistan	TM
94	Haiti	HT	213	Turks and Caicos Islands	TC
95	Heard and McDonald Islands	HM	214	Tuvalu	TV
96	Honduras	HN	215	U. S. A.	US
97	Hong Kong	HK	216	US Virgin Islands	VI
98	Hungary	HU	217	Uganda	UG
99	Iceland	IS	218	Ukraine	UA
100	India	IN	219	United Arab Emirates	AE
101	Indonesia	ID	220	United Kingdom (EU)	GB
102	Iran	IR	221	Uruguay	UY
103	Iraq	IQ	222	Uzbekistan	UZ
104	Ireland (EU)	IE	223	Vanuatu	VU
105	Israel	IL	224	Vatican City	VA
106	Italy (EU)	IT	225	Venezuela	VE
107	Jamaica	JM	226	Vietnam	VN
108	Japan	JP	227	Wallis and Fortuna Islands	WF
109	Jordan	JO	228	Yemen	YE
110	Kazakhstan	KZ	229	Serbia and Montenegro	CS
111	Kenya	KE	230	Zambia	ZM
112	Kiribati	KI	231	Zimbabwe	ZW
113	Kuwait	KW	232	Kampuchea	KH
114	Kyrgyzstan	KG	233	North Korea	KP
115	Laos	LA	234	ARIPO	AP
116	Latvia	LV	235	Myanmar	MM
117	Lebanon	LB	236	Palestine	PS
118	Lesotho	LS	237	Europe	EU
119	Liberia	LR	238	Sudanese	SU
120	Libyan Arab Jamahiriya	LY	239	Eritrea	ER

B) PHP example on how to create a re-bill transaction

```
<?
    $username = "";
    $password = "";
    $site = 1;
    $package = 1;
    $trans_id = 1;
    $price = 200;

    $result = "";

    $request =
"http://secure.vxsbill.com/create_transaction.php3?username=$username&password=$password&
site=$site&package=$package&trans_id=$trans_id&price=$price";

    if ($fp = fopen($request, "r")) {
        while (!feof($fp)) {
            $result .= fgets($fp, 128);
        }

        fclose($fp);
    }

    if (strlen($result) == 0) {
        echo("No reply");
    }

    if (strstr($result, "Error")) {
        echo("Error: $result");
    }

    if (strstr($result, "OK")) {
        $trans_id = substr($result, 4);
        echo("OK: $trans_id");
    }
?>
```


C) PHP example on how to check the transaction status

```
<?
    $id = 12345; /* Transaction id */

    $result = "";

    if ($fp =
fopen("http://secure.vxsbill.com/check_transaction.php3?trans_id=$id&format=1", "r")) {

        while (!feof($fp)) {
            $content = fgets($fp, 128);
        }

        fclose($fp);
    }

    if (strstr($content, "OK:")) {

        $result = explode(":", $content);

        $status = trim($result[1]);
        $message = trim($result[2]);

        /* Status:
        <99 Pending
        100=Approved
        101=Declined
        102=System failure
        */

        echo("Status: $status, Message: $message");
    }
    else {
        echo("Error: Check failed");
    }
?>
```

D) PHP example on how to create a refund

```
<?
    $username = "";
    $password = "";
    $trans_id = 12345;
    $site = 1;
    $price = 0;

    $result = "";

    $request =
"http://secure.vxsbill.com/create_refund.php3?username=$username&password=$password&site
=$site&trans_id=$trans_id&price=$price";

    if ($fp = fopen($request, "r")) {

        while (!feof($fp)) {
            $result .= fgets($fp, 128);
        }

        fclose($fp);
    }

    if (strlen($result) == 0) {
        echo("No reply");
    }

    if (strstr($result, "Error")) {
        echo("Error: $result");
    }

    if (strstr($result, "OK")) {

        $refund_id = substr($result, 4);

        echo("OK: $refund_id");
    }
?>
```