

## 1. Request– Receiver Retrieval (Step #1 for Pay In)

### Pre-requisites

- Client account is registered with payment gate

#### 1.1.1. Parameters description

Here follows a description (with examples) of the parameters you can include, and the parameters should avoid those special characters (& + \) in parenthesis. Note that some parameters are mandatory, others optional :

Parameters	Length / Type	Comments	Mandatory
version	10 A-N	1 The version number of the API you are using.	Mandatory.
sid	12 Numeric	567654165 Your client account number.	Mandatory.
Type	2 A	WU: Western Union MG: Money Gram	Mandatory.
client_orderid	12 Numeric	12345 The unique identifying number for this order.	Mandatory.
order_desc	125 A-N	digital product A brief description of your field of enterprise.	Mandatory.
first_name	50 A-N	sam The customer's first name.	Mandatory.
last_name	50 A-N	ng The customer's last name.	Mandatory.
address	50 A-N	huanghou road 162 The customer's address	Mandatory.
city	50 A-N	HongKong The customer's city.	Mandatory.
state	2 A-N	<left empty> The customer's US states (two letter abbreviation). For a list of valid state codes, please see <a href="#">Appendix A</a> . Not applicable outside the US.	Optional.
zip_code	10 A-N	10024 The customer's ZIP code.	Mandatory.
country	2 A-N	CN The customer's country(two letter abbreviation). For a list of valid country codes, please see <a href="#">Appendix B</a> .	Mandatory.
email	50 A-N	sam@yahoo.com The customer's email address.	Mandatory.
phone	15 A-N	(852) 123 4567 The customer's full international phone number, including country suffix.	Mandatory.
amount	10 Numeric	100 The amount charged.	Mandatory.
ipaddress	20 A-N	218.39.216.234 The customer's IP address, include for fraud screening purposes.	Mandatory.

#### 1.1.2. Sending the information

Send the parameter string to Server

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**[http://www.crystals-pay.biz/paynet/wu\\_getreceiver.html](http://www.crystals-pay.biz/paynet/wu_getreceiver.html)**.

We will process it and return the results to you. The next section, Analyzing the Result, describes how you interpret our response.

## 1.2. Analyzing the Result

After processing the information, we will return a string of parameters to you for analysis.

For example the following request may be return to your server:

```
status=declined&error_message=Incorrect&tx_id=
```

The table below explains the parameters that were transmitted to you:

<b>status</b>	The status code of the order. May be 'approved' or 'declined'
<b>error_message</b>	If status eq. 'declined', this field describe error
<b>txn_id</b>	The unique number we've assigned to your order for step 2.
<b>receiver_name</b>	Receiver's Name. Example John Wright
<b>receiver_addr</b>	Receiver's City, State, and/or Country

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## 2. Request – Pay In Transaction (Step #2 for Pay In)

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### Pre-requisites

- Client account is registered with payment gate

#### 2.1.1. Parameters description

Here follows a description (with examples) of the parameters you can include, and the parameters should be avoid some special characters (& + \) in parenthesis. Note that some are mandatory, others optional :

<b>Parameters</b>	<b>Length / Type</b>	<b>Comments</b>	<b>Mandatory</b>
sid	12 Numeric	567654165 Your client account number.	Mandatory.
txn_id	125 A-N	The unique number from step 1.	Mandatory.
version	125 A-N	1 The version number of the API you are using. Must	Mandatory.

control_no	10 A-N	be 1 Control Number MTCN for Western Union Control Number for Money Gram	Mandatory.
notify_url	255 A-N	The external URL for receive status of this transaction. (Step 3)	Optional.

### 2.1.2. Sending the information

Send the parameter string to Server

**[http://www.crystals-pay.biz/paynet/wu\\_payin.html](http://www.crystals-pay.biz/paynet/wu_payin.html)**

We will process it and return the results to you. The next section, Analyzing the Result, describes how you interpret our response.

### 2.2. Analyzing the Result

For example the following data may be send to your server:

`status=declined&error_message=Error&txn_id=S3G24P8T3554`

The table below explains the parameters that were transmitted to you:

<b>status</b>	The status code of the order. May be 'pending' or 'declined'
<b>error_message</b>	If status eq. 'declined', this field describe error
<b>txn_id</b>	The unique number we've assigned to your order for identification purposes.

## 3. Request – Pay Out Transaction (Step #1 for Pay Out)

### Pre-requisites

- Client account is registered with payment gate

#### 3.1.1. Parameters description

Here follows a description (with examples) of the parameters you can include, and the parameters should be avoid some special characters (& + \) in parenthesis. Note that some are mandatory, others optional :

Parameters	Length / Type	Comments	Mandatory
version	10 A-N	<b>1</b> The version number of the API you are using. Must be 1.	Mandatory.
sid	12 Numeric	31 Your client account number.	Mandatory.
txn_id	128 A-N	12345 The unique identifying number for this order.	Mandatory.

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### 3.1.2. Sending the information

Send the parameter string to Server

**[http://www.crystals-pay.biz/paynet/wu\\_payout.html](http://www.crystals-pay.biz/paynet/wu_payout.html)**

We will process it and return the results to you. The next section, Analyzing the Result, describes how you interpret our response.

### 3.2. Analyzing the Result

After processing the information, we will return a string of parameters to you for analysis.

For example the following request may be return to your server:

`status=declined&error_message=Error&txn_id=S3G24P8T3554`

The table below explains the parameters that were transmitted to you:

<b>status</b>	The status code of the order. May be 'pending' or 'declined'
<b>error_message</b>	If status eq. 'declined', this field describe error
<b>txn_id</b>	The unique number we've assigned to your order for identification purposes.

### Note:

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## 4. Request – Notify Transaction Status (Step #3 for PayIn Step#2 for PayOut)

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### Pre-requisites

- Client account is registered with payment gate

### 4.1. Analyzing the Result

After processing the information, we call our **notify\_url** and send next parameters to you for analysis.

`status=declined&error_message=Invalid orderid&error_code=0005&orderid=&client_orderid=12345`

The table below explains the parameters that were transmitted to you:

<b>status</b>	The status code of the transaction. May be 'approved' or 'declined'
<b>error_message</b>	If status eq. 'declined', this field describe error
<b>txn_id</b>	The number of transaction.

## 5. Appendix A Two Letter Abbreviations for US Status

Alaska	AK	Montana	MT
Alabama	AL	North Carolina	NC
Arkansas	AR	North Dakota	ND
Arizona	AZ	Nebraska	NE
California	CA	New Hampshire	NH
Colorado	CO	New Jersey	NJ
Connecticut	CT	New York	NY
Delaware	DE	New Mexico	NM
District of Columbia	DC	Nevada	NV
Florida	FL	Ohio	OH
Georgia	GA	Oklahoma	OK
Hawaii	HI	Oregon	OR
Idaho	ID	Pennsylvania	PA
Illinois	IL	Rhode Island	RI
Indiana	IN	South Carolina	SC
Iowa	IA	South Dakota	SD
Kansas	KS	Tennessee	TN
Kentucky	KY	Texas	TX
Louisiana	LA	Utah	UT
Maine	ME	Virginia	VA
Maryland	MD	Vermont	VT
Massachusetts	MA	Washington	WA
Michigan	MI	Wisconsin	WI
Minnesota	MN	West Virginia	WV
Missouri	MO	Wyoming	WY
Mississippi	MS		

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## 6. Appendix B Two Letter Country Codes

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Afghanistan	AF
Albania	AL
Algeria	DZ
American Samoa	AS
Andorra	AD
Angola	AO
Anguilla	AI
Antarctica	AQ
Antigua And Barbuda	AG
Argentina	AR
Armenia	AM
Aruba	AW
Australia	AU
Austria	AT
Azerbaijan	AZ
Bahamas	BS
Bahrain	BH
Bangladesh	BD
Barbados	BB
Belarus	BY
Belgium	BE
Belize	BZ
Benin	BJ
Bermuda	BM
Bhutan	BT
Bolivia	BO
Bosnia And Herzegovina	BQ
Botswana	BW
Bouvet Island	BV
Brazil	BR
British Indian Ocean Territory	IO
Brunei Darussalam	BN
Bulgaria	BG
Burkina Faso	BF
Burundi	BI
Cambodia	KH
Cameroon	CM
Canada	CA
Cape Verde	CV
Cayman Islands	KY
Central African Republic	CF
Chad	TD
Chile	CL
China	CN
Christmas Island	CX

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Cocos (Keeling) Islands	CC
Colombia	CO
Comoros	KM
Congo	CG
Congo, The Democratic Republic Of The	CD
Cook Islands	CK
Costa Rica	CR
Cote D'Ivoire	CI
Croatia	HR
Cuba	CU
Cyprus	CY
Czech Republic	CZ
Denmark	DK
Djibouti	DJ
Dominica	DM
Dominican Republic	DO
East Timor	TP
Ecuador	EC
Egypt	EG
El Salvador	SV
Equatorial Guinea	GQ
Eritrea	ER
Estonia	EE
Ethiopia	ET
Falkland Islands (Malvinas)	FK
Faroe Islands	FO
Fiji	FJ
Finland	FI
France	FR
French Guyana	GF
French Polynesia	PF
French Southern Territories	TF
Gabon	GA
Gambia	GM
Georgia	GE
Germany	DE
Ghana	GH
Gibraltar	GI
Greece	GR
Greenland	GL
Grenada	GD
Guadeloupe	GP
Guam	GU
Guatemala	GT
Guinea	GN
Guinea-Bissau	GW
Guyana	GY
Haiti	HT
Heard Island And McDonald	HM

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Islands	
Holy See (Vatican City State)	VA
Honduras	HN
Hong Kong	HK
Hungary	HU
Iceland	IS
India	IN
Indonesia	ID
Iran, Islamic Republic Of	IR
Iraq	IQ
Ireland	IE
Israel	IL
Italy	IT
Jamaica	JM
Japan	JP
Jordan	JO
Kazakhstan	KZ
Kenya	KE
Kiribati	KI
Korea, Democratic People's Republic Of	KP
Korea, Republic Of	KR
Kuwait	KW
Kyrgyzstan	KG
Lao People's Democratic Republic	LA
Latvia	LV
Lebanon	LB
Lesotho	LS
Liberia	LR
Libyan Arab Jamahiriya	LY
Liechtenstein	LI
Lithuania	LT
Luxembourg	LU
Macau	MO
Macedonia	MK
Madagascar	MG
Malawi	MW
Malaysia	MY
Maldives	MV
Mali	ML
Malta	MT
Marshall Islands	MH
Martinique	MQ
Mauritania	MR
Mauritius	MU
Mayotte	YT
Mexico	MX
Micronesia, Federated States Of	FM
Moldova, Republic Of	MD
Monaco	MV
Mongolia	MN



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Montserrat	MS
Morocco	MA
Mozambique	MZ
Myanmar	MM
Namibia	NA
Nauru	NR
Nepal	NP
Netherlands	NL
Netherlands Antilles	AN
New Caledonia	NC
New Zealand	NZ
Nicaragua	NI
Niger	NE
Nigeria	NG
Niue	NU
Norfolk Island	NF
Northern Mariana Islands	MP
Norway	NO
Oman	OM
Pakistan	PK
Palau	PW
Panama	PA
Papua New Guinea	PG
Paraguay	PY
Peru	PE
Philippines	PH
Pitcairn	PN
Poland	PL
Portugal	PT
Puerto Rico	PR
Qatar	QA
Reunion	RE
Romania	RO
Russian Federation	RU
Rwanda	RW
Saint Helena	SH
Saint Kitts And Nevis	KN
Saint Lucia	LC
Saint Pierre And Miquelon	PM
Saint Vincent And The Grenadines	VC
Samoa	WS
San Marino	SM
Sao Tome And Principe	ST
Saudi Arabia	SA
Senegal	SN
Seychelles	SC
Sierra Leone	SL
Singapore	SG
Slovakia	SK
Slovenia	SI
Solomon Islands	SB

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Somalia	SO
South Africa	ZA
Spain	ES
Sri Lanka	LK
Sudan	SD
Suriname	SR
Svalbard And Jan Mayen	SJ
Swaziland	SZ
Sweden	SE
Switzerland	CH
Syrian Arab Republic	SY
Taiwan, Province Of China	TW
Tajikistan	TJ
Tanzania, United Republic Of	TZ
Thailand	TH
Togo	TG
Tokelau	TK
Tonga	TO
Trinidad And Tobago	TT
Tunisia	TN
Turkey	TR
Turkmenistan	TM
Turks And Caicos Islands	TC
Tuvalu	TV
Uganda	UG
Ukraine	UA
United Arab Emirates	AE
United Kingdom	GB
United States	US
United States Minor Outlying Islands	UM
Uruguay	UY
Uzbekistan	UZ
Vanuatu	VU
Venezuela	VE
Vietnam	VN
Virgin Islands, British	VG
Virgin Islands, U.S.	VI
Wallis And Futuna	WF
Western Sahara	EH
Yemen	YE
Yugoslavia	YU
Zambia	ZM
Zimbabwe	ZW

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## 7. Appendix C Countries we do not process

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Andorra	AD
United Arab Emirates	AE
Afghanistan	AF
Albania	AL
Armenia	AM
Angola	AO
Antarctica	AQ
Aland Islands	AX
Azerbaijan	AZ
Bosnia-Herzegovina	BA
Bangladesh	BD
Bulgaria	BG
Bahrain	BH
Burundi	BI
Brunei Darussalam	BN
Bolivia	BO
Bosnia and Herzegovina	BQ
Bhutan	BT
Botswana	BW
Belarus	BY
Dem. Rep. of Congo/Kinshasa	CD
Central African Republic	CF
Republic of Congo	CG
Switzerland	CH
Serbia and Montenegro	CS
Cuba	CU
Cyprus	CY
Czech Republic	CZ
Djibouti	DJ
Denmark	DK
Algeria	DZ
Ecuador	EC
Estonia	EE
Egypt	EG
El Salvador	EL
Eritrea	ER
Ethiopia	ET
Finland	FI
Falkland Islands (Malvinas)	FK

Faroe Islands	FO
Gabon	GA
Georgia	GE
Ghana	GH
Gibraltar	GI
Gambia	GM
Equatorial-Guinea	GQ
Guatemala	GT
Guam (US)	GU
Guyana	GY
Croatia	HR
Hungary	HU
Israel	IL
British Indian Ocean Territory	IO
Iraq	IQ
Ireland(Islamic Republic Of.)	IR
Iceland	IS
Jordan	JO
Kenya	KE
Kyrgyzstan	KG
Kiribati	KI
Korea (North)	KP
Kuwait	KW
Kazakhstan	KZ
Lao People's Democratic Republic	LA
Lebanon	LB
Liechtenstein	LI
Liberia	LR
Lesotho	LS
Lithuania	LT
Luxembourg	LU
Latvia	LV
Libya	LY
Monaco	MC
Moldova	MD
Marshall Islands	MH
Macedonia	MK
Mongolia	MN
Malta	MT
Mozambique	MZ
Namibia	NA
Niger	NE
Nigeria	NG

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Nicaragua	NI
Nauru	NR
Oman	OM
Panama	PA
Peru	PE
Polynesia (Fr.)	PF
Pakistan	PK
Poland	PL
Pitcairn	PN
Palau	PW
Paraguay	PY
Qatar	QA
Romania	RO
Russia	RU
Rwanda	RW
Sweden	SE
Slovenia	SI
Slovak Republic	SK
San Marino	SM
Senegal	SN
Somalia	SO
Suriname	SR
El Salvador	SV
Syria	SY
Turks and Caicos Islands	TC
Chad	TD
Togo	TG
Tadjikistan	TJ
Tokelau	TK
Turkmenistan	TM
Tunisia	TN
East Timor	TP
Turkey	TR
Tanzania	TZ
Ukraine	UA
Uganda	UG
United Kingdom	UK
Uruguay	UY
Uzkejistan	UZ
Vatican City State	VA
Venezuela	VE
Yemen	YE
Yugoslavia	YU

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Zambia	ZM
Zimbabwe	ZW

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## 8. Appendix E Supported Currencies

US Dollar	USD
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## 9. Appendix F Status Codes

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<b>STATUS CODES</b>	<b>DESCRIPTION</b>
A0	Paid / Refunded / Successfully requested.
A1	Authorized. The payment is authorized and awaiting confirmation and acquiring.
A2	Confirmed. The payment is confirmed and will be acquired.
A3	Authorization / Refund requested.
A4	Authorization / Refund not known.
A5	Payment requested.