eConfirmations API

This guide provides an example requests and responses using the eConfirmations API. This guide also provides an example of constructing a request with a returned token, and the expected response, as well as detailed error codes and field definitions.

Contents

Getting a token

Example Request

POST /sertifists/connect/token
Content-Type: application/x-www-form-urlencoded
Host: sandbox.sertifi.net

```
grant_type=client_credentials&client_id=clientname&scope=econfirmation
sAPI&client_secret=secret
```

Example Response

HTTP/1.1 200
status: 200
Content-Type: application/json; charset=UTF-8
Date: Thu, 14 Mar 2019 14:58:15 GMT

```
{"access_token":"9a30910f1a3425c21e27fabc5ffb82cf5281caa9af88305043393
f0601462c82","expires_in":86400,"token_type":"Bearer"}
```

Calling the API

Construct a request using the returned access token:

POST v1/econfirmations/4c4e95a8-fa4b-4c3d-936c-20452fddce3c HTTP/1.1
Content-Type: application/json
Authorization: Bearer 9a30910f1a3425c21e27fabc5ffb82cf5281caa9af88305043393f0601462c82
Host: econfirmations-SB.Sertifi.net
content-length: 597

```json
{
    "Card": {
        "CardHolderName": "Card Issuer",
        "CardNumber": "4111XXXXXXXX1234",
        "CardType": "VA",
        "ExpirationDate": "2015-12-31",
        "Token": "8ffcb6b1324f41958288f6f939d2c927"

    },
    "Company": {
        "Address": "123 Fake Street",
        "Name": "Company Name"
    },
    "Contact": {
        "PhoneNumber": "0123 456 7890",
        "EmailAddress": "jsmith@example.com",
        "InvoiceEmailAddress": "hotel@example.com"
    },
    "PaymentInstructions": "Room, tax, parking",
    "Traveler": {
        "FirstName": "Jane",
        "LastName": "Smith"
    },
    "ReferenceNumber": "Smith345",
    "ArrivalDate": "2018-10-12T00:00:00"
}
```

Example Response

An example response to the previous request is:

HTTP/1.1 200 OK
Content-Type: application/json; charset=utf-8
Date: Fri, 15 Mar 2019 14:27:56 GMT
Content-Length: 63

```json
{

  "transactionId": "aab19b16-368dc-348e-aac2-2b4c87a6d3c1"
}
```

Getting a list of in-network portals

You can request a list of in-network providers to send your eConfirmations to, if you're a virtual card provider or travel agency.

By getting this list, you can then determine which portals will accept your eConfirmations.

Example Request

GET /v1/econfirmations/Portals ?page=1&perPage=100
Host: econfirmations-sb.sertifi.net

Example Response

```
{
    "metadata": {

        "totalNumberOfPortals": 1,
        "pageSize": 1000,
        "currentPage": 1,
        "hasPreviousPage": "No",
        "hasNextPage": "No"

    },

    "portals": [

        {

            "portalName": "Sandbox Test Site",
            "portalURL": "sandbox.sertifi.net/testsite",
            "propertyAddress": "United States ",
            "propertyID": "86df4960-6ed7-4d4d-ad87-1490408897a1"

        }

    ]

}
```

Getting a return receipt

You can request a receipt to pull back an eConfirmations detail record so you can check an API record within Sertifi. By passing the transaction ID for the record you'd like to check, the eConfirmations API provides a JSON object of the record.

Example Request

GET /v1/econfirmations/<transaction_id>
Host: econfirmations-sb.sertifi.net

Example Response

```json
{
  "Card": {
    "CardHolderName": "John Smith",
    "CardType": "MasterCard",
    "ExpirationDate": "2019-08-25T00:00:00.000Z"
  },

  "Company": {
    "Address": "123 Anywhere St., Everytown, MO, 111111",
    "Name": "ABC Corp"
  },

  "Contact": {
    "PhoneNumber": "5555555555",
    "EmailAddress": "test@test.com",
    "InvoiceEmailAddress": "test@test.com",
    "SupportEmailAddress": "test@test.com",
    "SupportPhoneNumber": "test@test.com"

  },

  "PaymentInstructions": "room, tx, parking, dining",

  "Traveler": {
    "FirstName": "John",
    "LastName": "Smith"

  },

  "PaymentMethodAccessData":{
      "LastAccessDate": "2019-08-25T00:00:00.000Z"
  },

  "OtherFields": {},
  "ReferenceNumber": "111111sssss",
  "ArrivalDate": "2019-08-16T00:00:00.000Z",
  "ProcessedDate": "2019-08-16T00:00:00.000Z",
  "TransactionId": "3576234957395325"

}
```

Receiving errors

Errors returned from the eConfirmations API return in the format of an HTTP Status Code followed by an error message.

The most common errors you might receive when using the eConfirmations API include:

HTTP Status Code	Error Message	Explanation
400	The given virtual card provider doesn't have permission to send requests to the associated portal.	This occurs if you try to send information to a portal you don't have access to.
404	Could not find eConfirmations associated with ClientId {ClientId value}.	The API can't find eConfirmations associated with the provided client ID.
404	Could not find account associated with property ID {propertyId}.	This occurs if the API can't find the portalID.
409	Unable to map eConfirmationsDTO.	This occurs if the API can't map a provided key to an internal object.
500	An unexpected error occurred.	If an error occurs, but doesn't fall into the above criteria, this message is returned.

Field Definitions

The following table provides the field definitions for the eConfirmations API.

Field		Required?	Field Type	Definition
Card				
	CardHolderName	Yes	String	The name that appears on the card used for the reservation.
	CardNumber	Yes	String	The card number.
	CardType	Yes	String	The type of the card like American Express, Master Card, or Visa.
	ExpirationDate	Yes	String (date-time)	The expiration date of the card.
	Token		String	The tokenized credit card.
Company				
	Address		String	The address of the company covering the charges.
	Name		String	The name of the company covering the charges.
Contact				
	PhoneNumber		String	The phone number of the company covering the charges.
	EmailAddress	Yes	String	The email address of the company

				covering the charges.
	InvoiceEmailAddress		String	The email address the company covering the charges uses for invoicing.
	SupportEmailAddress		string	The support email address of the company covering the charges.
	SupportPhoneNumber		String	The support phone number of the company covering the charges.
PaymentInstructions		Yes	String with max limit of 150	Any instructions to perform along with the payment.
Traveler				
	FirstName		String	The first name of the traveler staying at a hotel.
	LastName		string	The last name of the traveler staying at a hotel.
ReferenceNumber		Yes	string	The reference number of the
ArrivalDate		Yes	String date-time	The date the traveler is to arrive at the hotel.