

Travel Company Authorizations (eConfirmations) API

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Sertifi

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Sertifi Travel Company Authorizations (formerly eConfirmations) provide seamless B2B payment delivery between travel companies, including travel management companies (TMCs), virtual card providers, and travel suppliers such as hotels.

In this guide, the business sending the payment information to the hotel via Sertifi are referred to as the Travel Company Authorizations Provider.

This guide provides example requests sent with the authentication token, sample expected responses, and information about error codes and field definitions.

For full details on the Travel Company Authorization API endpoints, [refer to our online documentation](#).

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Example Request

POST /sertifists/connect/token

Content-Type: application/x-www-form-urlencoded

Production Host: sertifi.com/sertifists/connect/token

Sandbox Host: sandbox.sertifi.net/sertifists/connect/token

```
grant_type=client_credentials&client_id=clientname&scope=econfirmationsAPI&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

Note that an authentication token is needed for all other subsequent API calls. Tokens expire 15 minutes (900 seconds) from the moment of creation.

```
Date: Thu, 14 Mar 2019 14:58:15 GMT
```

```
{
  "access_token": "9a30910f1a3425c21e27fab5fffb82cf5281caa9af88305043393f0601462c82t",
  "expires_in": 900,
  "token_type": "Bearer",
  "scope": "econfirmationsAPI"
}
```

Example Request

Once you have the returned access token, you can then call the API.

POST v1/econfirmations/4c4e95a8-fa4b-4c3d-936c-20452fddce3c HTTP/1.1

Content-Type: application/json

Authorization: Bearer 9a30910f1a3425c21e27fab55ffb82cf5281caa9af88305043393f0601462c82t

Production Host: https://econfirmations.sertifi.net

Sandbox Host: https://econfirmations-sb.sertifi.net

```
{
  "card": {
    "cardHolderName": "Card Issuer",
    "cardNumber": "4111XXXXXXXX1234",
    "cardType": "VA",
    "expirationDate": "2024-12-31",
    "token": "8ffcb6b1324f41958288f6f939d2c927"
  },
  "company": {
    "address": "333 W 35th St, Chicago, IL 60616",
    "name": "Southside Ball Club LLC"
  },
  "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": "2022-10-12T00:00:00"
}
```

Example Response

HTTP/1.1 200 OK

Content-Type: application/json; charset=utf-8

Date: Fri, 15 Mar 2019 14:27:56 GMT

Content-Length: 63

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

If you're a virtual card provider or travel agency, you can request a list of in-network providers that can accept your travel company authorization.

Note: The **propertyAddress** parameter from the **/portal** endpoint is the primary field for matching with hotels that have Travel Company Authorizations enabled. Sertifi uses the [Bing API address format](#).

We recommend periodically reviewing the list of enabled hotels to find new hotels that have been added, and to save their Sertifi PropertyIDs to your database.

Example Request

GET /v1/econfirmations/Portals?page=1&perPage=100

Content-Type: application/json

Authorization: Bearer 9a30910f1a3425c21e27fab55fb82cf5281caa9af88305043393f0601462c82

Production Host: <https://econfirmations.sertifi.net>

Sandbox Host: <https://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": "233 S Wacker, Chicago, IL 60606",
      "propertyID": "86df4960-6ed7-4d4d-ad87-1490408897a1",
      "propertySupportPhone": "630-555-5555",
      "propertySupportEmail": "example@sertifi.com",
      "portalGDS": [
        {
          "gdsName": "Sabre",
          "code": "24601"
        },
        {
          "gdsName": "Amadeus",
          "code": "YCYTNI"
        }
      ]
    }
  ]
}
```

You can request a travel company authorization record via the API. By passing the transaction ID for the record you'd like to check, the API provides a JSON object of the record that indicates if it has been unmasked by the hotel, processed, and so on. Note that **all times in the response will be based in Central Standard Time (CST)**.

Example Request

GET v1/econfirmations/<transaction_id>

Content-Type: application/json

Authorization: Bearer 9a30910f1a3425c21e27fab55ff82cf5281caa9af88305043393f0601462c82

Production Host: https://econfirmations.sertifi.net

Sandbox Host: https://econfirmations-sb.sertifi.net

```
{
  "card": {
    "cardHolderName": "John Smith",
    "cardType": "MasterCard",
    "expirationDate": "2020-08-25T00:00:00"
  },
  "paymentMethodAccessData": {
    "lastAccessDate": "2023-03-09T12:17:31.7400000"
  },
  "company": {
    "address": "1060 West Addison, Chicago, IL 60613",
    "name": "Northside Baseball Inc"
  },
  "contact": {
    "phoneNumber": "5555555555",
    "emailAddress": "jsmith@example.com",
    "invoiceEmailAddress": "travelpartner@example.com",
    "supportEmailAddress": "support@travelpartner.com",
    "supportPhoneNumber": "123-456-7890"
  },
  "paymentInstructions": "Room, tax and parking",
  "traveler": {
    "firstName": "John",
    "lastName": "Smith"
  },
  "otherFields": {},
  "referenceNumber": "12345678",
  "arrivalDate": "2041-07-26T00:00:00",
  "createdDate": "2023-03-09T12:16:52-06:00",
  "processedDate": "2023-03-09T12:18:12-06:00",
  "transactionId": "31c0719a-594a-4f7c-86bb-4802df6bca3a"
}
```

You can use the API to request a list of in-network portals that meet certain criteria, such as every portal with "Windy City" in the portal name.

Example Request

GET /v1/econfirmations/Portals/search?PortalName=Windy&page=1&perPage=1

Content-Type: application/json

Authorization: Bearer 9a30910f1a3425c21e27fab55ff82cf5281caa9af88305043393f0601462c82

Production Host: <https://econfirmations.sertifi.net>

Sandbox Host: <https://econfirmations-sb.sertifi.net>

Example Response

```
{
  "metadata": {
    "totalNumberOfPortals": 109,
    "pageSize": 1,
    "currentPage": 1,
    "hasPreviousPage": "No",
    "hasNextPage": "Yes"
  },
  "portals": [
    {
      "portalName": "Windy City Hotel",
      "portalURL": "sandbox.sertifi.net/windycityhotel",
      "propertyAddress": "233 S Wacker, Chicago, IL 60606",
      "propertyID": "86df4960-6ed7-4d4d-ad87-1490408897a1",
      "propertySupportPhone": "630-555-5555",
      "propertySupportEmail": "example@windycityhotel.com",
      "portalGDS": [
        {
          "gdsName": "Sabre",
          "code": "24601"
        },
        {
          "gdsName": "Amadeus",
          "code": "YCYTNI"
        }
      ]
    }
  ]
}
```

Errors from the Travel Company Authorization API are returned in the format of an HTTP Status Code, followed by an error message.

Below are 3 common errors you might receive when using the API.

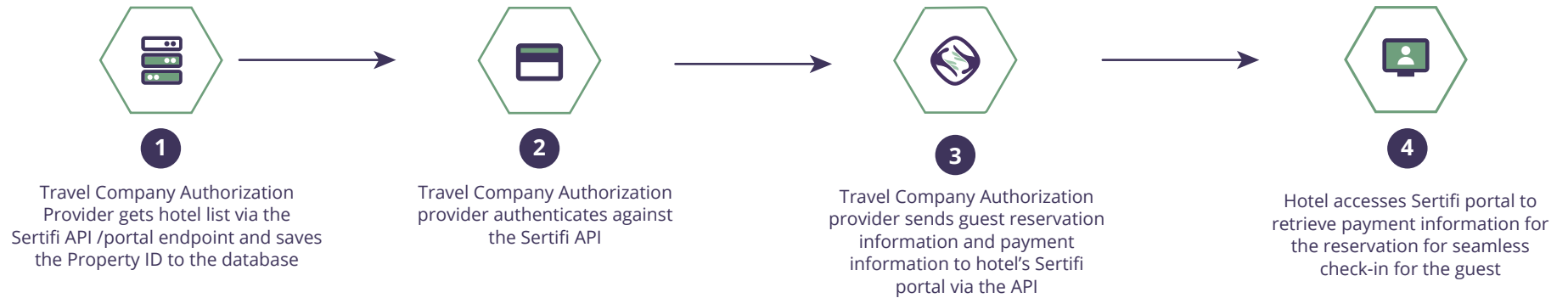
HTTP Status	Error Message	Explanation
400	The given virtual card provider doesn't have permission to send requests to the associated portal.	This error occurs if you try to send information to a portal for which you don't have access.
404	There isn't an account associated with Property ID xxxx-xxx-xxxx-xxxx-xxx. Send a new request.	This error occurs if you try to send to an invalid property ID.
500	An unexpected error occurred.	The 500 response is a general purpose error code used for unexpected conditions that prevent the request from being fulfilled. A 500 Error might indicate that the propertyId is incorrect, or that the hotel portal is not enabled for the Travel Company Authorization provider.

The following table provides field definitions for the Travel Company Authorizations API.

Object	Field Name	Required?	Field Value Type	Description
Card	CardHolderName	Required	String	The name that appears on the card used for the reservation
	CardNumber	Required	String	The card number
	CardType	Required	String	The brand or network of the card, like Visa or American Express
	ExpirationDate	Required	String (date-time)	The card's expiration date
	Token	Optional	String	The tokenized credit card number. A tokenized number allows both parties to process a payment without revealing the actual credit card number.
Company	Address	Optional	String	The address of the company paying for the charges
	Name	Optional	String	The name of the company paying for the charges
Contact	PhoneNumber	Optional	String	The phone number of the company paying for the charges
	EmailAddress	Required	String	The email address of the company paying for the charges
	InvoiceEmailAddress	Optional	String	The email address used for sending the folio receipt that includes detailed charges, payments, and any remaining balances
	SupportEmailAddress	Optional	String	The support email address of the company paying for the charges
	SupportPhoneNumber	Optional	String	The support phone number of the company paying for the charges

Object	Field Name	Required?	Field Value Type	Definition
PaymentInstructions		Required	String (up to 4,000 characters)	Notes about specific payment instructions for approved or restricted charges like taxes or parking
Traveler	FirstName	Optional	String	The first name of the traveler staying at the hotel
	LastName	Optional	String	The last name of the traveler staying at the hotel
ReferenceNumber		Required	String	The reference number of the reservation. This should match the booking confirmation number in the hotel's PMS.
ArrivalDate		Required	String	The date that the traveler is scheduled to arrive at the hotel

Workflow Overview



Portal View and Swagger Value Definitions



Guest Information

Confirmation #
85768952 **1**

Arrival Date **2**
07/10/2024

Guest First Name **3**
Jane

Guest Last Name **4**
Doe

Payment Information

Company Name **5**
Acme Company

Record Source **8**
Sertifi Test

Company Address **6**
Acme Co Address, City State Zip

Folio Email **9**
folioreceiptemail@example.com

Payment Instructions **7**
This is a test transaction. (Payment information here: Room, Tax and Parking. This is a virtual credit card.)

Participant Information

Participant's Email **10**
jdoe@example.com

Participant's Phone # **11**
5555555555

Credit Card on File



#	Portal View	Swagger Value	Definition
1	Confirmation #	ReferenceNumber	The reference number of the reservation. This should match the booking confirmation number in the hotel's PMS.
2	Arrival Date	ArrivalDate	The date that the traveler is scheduled to arrive at the hotel
3	Guest's First Name	FirstName	The first name of the traveler staying at the hotel
4	Guest's Last Name	LastName	The last name of the traveler staying at the hotel
5	Company Name	Name	The name of the company that will be paying for the charges
6	Company Address	Address	The address of the company that will be paying for the charges
7	Payment Instructions	PaymentInstructions	Notes about specific payment instructions for approved or restricted charges like taxes or parking
8	Record Source	N/A - Provider Name Auto-populated in portal by Sertifi.	N/A - Provider Name Auto-populated in portal by Sertifi
9	Folio Email	InvoiceEmailAddress	The email address used for sending the folio receipt that includes detailed charges, payments and any remaining balances.
10	Participant Email	SupportEmailAddress	The email address of the company that will be paying for the charges
11	Participant Phone	SupportPhoneNumber	The support phone number of the company paying for the charges