



Affiliate Development Resources

Orders

Version 2.4

API Documentation

About

The INFOCU5 Orders API allows affiliates to post order records and retrieve campaign, product, and merchant details via one central location. You will be assigned a unique 'id' and 'key' set to begin using this tool. The API accepts post data in JSON format.

Location

The Orders API is located at the following URL:

<https://api.infocu5.com/orders/>

CALL FUNCTIONS

Functions are defined in the 'orderFunction' JSON field (e.g. "orderFunction": "importOrders"). The API supports the following functions:

getCampaigns
getMerchants
getOrders
getProducts
getSites
importProducts
importOrders

CALL FUNCTION: getCampaigns

Fetches a list of all current campaigns available. The results may include campaigns you own and campaigns you are able to interact with, filtered by a variable.

Variables

The API takes the following variables posted in JSON format:

Name	Required	Value
affiliateID	Y	12 character alphanumeric id string assigned to affiliates
affiliateKey	Y	32 character alphanumeric password string assigned to affiliates
orderFunction	Y	“getCampaigns”
showAll	Y	“y” / “n” Selecting “y” will return all campaigns available to you. Selecting “n” will return only campaigns owned by you

Response

The API returns the following variables in JSON format:

Name	Value
responseCode	Numeric code representing the result of the call
responseMessage	Descriptive message of the result of the call
responseDetails	Array of campaigns returned by the call

responseDetails (array structure)

campaignID	ID of Campaign
campaignName	Campaign Name
campaignProducts	Array of products associated with campaign
{	
productID	Product ID
productName	Product Name
productCurrency	3 character currency code
productPrice	Product price per unit
productTrialPrice	Product trial price (optional)
productTrialDays	Product trial days (optional)
productConversionPrice	Product conversion price (optional)
productRecurringPrice	Product recurring price (optional)
productRecurringDays	Product recurring days (optional)
productRecurringCount	Product recurring count (optional)
productVendor	Vendor Name
productMerchant	Merchant Name
productMerchantIDs	Array of product codes for merchant configuration
{ ex.	
productID	"111"
campaignID	"222"
shippingID	"333"
}	
}	

Response Codes

The API will return the following response codes in JSON format:

Code	Value
1	Success
80	Improperly formatted request (JSON format required)
100	Invalid ID and Transaction Key combination
340	No Campaigns available
800	Invalid function
900	The interface encountered an error

Example JSON format

The following is an example of a properly formatted JSON data structure for the API post:

```
{
  "affiliateID": "_AFFILIATE_ID_",
  "affiliateKey": "_AFFILIATE_KEY_",
  "orderFunction": "getCampaigns",
  "showAll": "y"
}
```

The following is an example of a JSON formatted return result for a successful transaction:

```
{
  "responseCode": 1,
  "responseMessage": "Success",
  "responseDetails": [
    {
      "campaignID": "1111",
      "campaignName": "Campaign Name",
      "campaignProducts": [
        {
          "productID": "PROD101",
          "productName": "Product Name",
          "productCurrency": "USD",
          "productPrice": "19.99",
          "productTrialPrice": "",
          "productTrialDays": null,
          "productConversionPrice": "",
          "productRecurringPrice": "",
          "productRecurringDays": null,
          "productRecurringCount": null,
          "productVendor": "Vendor Name",
          "productMerchant": "Merchant CRM: Test",
          "productMerchantIDs": {
            "productId": "111",
            "campaignId": "222",
            "shippingId": "333"
          }
        }
      ]
    }
  ]
}
```

The following is an example of a JSON formatted return result for an unsuccessful transaction:

```
{
  "responseCode": 100,
  "responseMessage": "Invalid ID and Transaction Key combination"
}
```

CALL FUNCTION: getMerchants

Fetches a list of all current merchants available. The results include merchants you are able to create products and orders with.

Variables

The API takes the following variables posted in JSON format:

Name	Required	Value
affiliateID	Y	12 character alphanumeric id string assigned to affiliates
affiliateKey	Y	32 character alphanumeric password string assigned to affiliates
orderFunction	Y	“getMerchants”

Response

The API returns the following variables in JSON format:

Name	Value
responseCode	Numeric code representing the result of the call
responseMessage	Descriptive message of the result of the call
responseDetails	Array of merchants returned by the call

responseDetails (array structure)

merchantID	Merchant ID
merchantName	Merchant Name
merchantProductConfig	Array of product codes for merchant configuration
{	
details	Array of product codes details
{	
_VAR_NAME_	Product variable name
{	
format	“string”, “number”
description	Description of variable
}	
},	
example	Array of an example product configuration
{	
_VAR_NAME_	_VAR_VALUE_
}	
}	

Response Codes

The API will return the following response codes in JSON format:

Code	Value
1	Success
80	Improperly formatted request (JSON format required)
100	Invalid ID and Transaction Key combination
290	No Merchants configured
800	Invalid function
900	The interface encountered an error

Example JSON format

The following is an example of a properly formatted JSON data structure for the API post:

```
{
  "affiliateID": "_AFFILIATE_ID_",
  "affiliateKey": "_AFFILIATE_KEY_",
  "orderFunction": "getMerchants"
```

```
}
```

The following is an example of a JSON formatted return result for a successful transaction:

```
{
  "responseCode": 1,
  "responseMessage": "Success",
  "responseDetails": [
    {
      "merchantID": 101,
      "merchantName": "Merchant CRM: Test",
      "merchantProductConfig": {
        "details": {
          "productId": {
            "format": "number",
            "description": "Unique ID of product."
          },
          "campaignId": {
            "format": "number",
            "description": "Unique ID of campaign."
          },
          "shippingId": {
            "format": "number",
            "description": "Unique ID of shipping type."
          }
        }
      },
      "example": {
        "productId": "Product ID",
        "campaignId": "Campaign ID",
        "shippingId": "Shipping ID"
      }
    }
  ]
}
```

The following is an example of a JSON formatted return result for an unsuccessful transaction:

```
{
  "responseCode": 290,
  "responseMessage": "No Merchants configured"
}
```

CALL FUNCTION: getOrders

Fetches a list of order records available, filtered by several variables.

Variables

The API takes the following variables posted in JSON format:

Name	Required	Value
affiliateID	Y	12 character alphanumeric id string assigned to affiliates
affiliateKey	Y	32 character alphanumeric password string assigned to affiliates
orderFunction	Y	“getOrders”
dateStart	Y	Start search date & time of record. ISO format with UTC offset (e.g. 2022-01-01T00:13:13+00:00)
dateEnd	Y	End search date & time of record. ISO format with UTC offset (e.g. 2022-01-01T13:13:13+00:00)
filterCampaigns	N	Array of campaign IDs associated with the call (can be found with the ‘getCampaigns’ method)
filterProducts	N	Array of agent IDs associated with the call (can be found with the ‘getProducts’ method)

Response

The API returns the following variables in JSON format:

Name	Value
responseCode	Numeric code representing the result of the call
responseMessage	Descriptive message of the result of the call

responseDetails

Array of order records returned by the call

responseDetails (array structure)

_ORDER_ID_	ID of order
{	
orderDate	Date & time of order in ISO format (in GMT)
orderCampaignID	ID of campaign associated with order
orderCampaignName	Name of campaign associated with order
orderAgentName	Name of agent who placed order
orderCustomer	Array of customer details
{	
nameFirst	First name
nameLast	Last name
email	Email address
addressBilling	Array of customer billing address
{	
nameFirst	Billing First name
nameLast	Billing Last name
address	Billing Address
address2	Billing Address2
city	Billing City
state	Billing State
zip	Billing Zip
country	Billing Country
phone	Billing Phone
}	
addressShipping	Array of customer shipping address
{	
nameFirst	Shipping First name
nameLast	Shipping Last name
address	Shipping Address
address2	Shipping Address2
city	Shipping City
state	Shipping State
zip	Shipping Zip
country	Shipping Country
phone	Shipping Phone
}	
}	
orderSubTotal	Order Sub-total
orderTax	Order Tax
orderShipping	Order Shipping
orderTotal	Order Total
orderCurrency	Order Currency (3 character country code i.e. USA)
orderProducts	Array of products in the order
{	
productID	Product ID
productName	Product Name
productPrice	Product Unit price
productQuantity	Product Quantity
productDiscount	Product Discount
productTotal	Product Total
}	
orderPaymentType	Payment Type (i.e. VISA)
orderPaymentLast4	Last 4 digits of card
orderPaymentExpiration	Expiration of card

Response Codes

The API will return the following response codes in JSON format:

Code	Value
1	Success
80	Improperly formatted request (JSON format required)
100	Invalid ID and Transaction Key combination
333	No Orders found
800	Invalid function
900	The interface encountered an error

Example JSON format

The following is an example of a properly formatted JSON data structure for the API post:

```
{
  "affiliateID": "_AFFILIATE_ID_",
  "affiliateKey": "_AFFILIATE_KEY_",
  "orderFunction": "getOrders",
  "dateStart": "2022-01-01T00:00:00+00:00",
  "dateEnd": "2022-01-01T23:59:59+00:00",
}
```

The following is an example of a JSON formatted return result for a successful transaction:

```
{
  "responseCode": 1,
  "responseMessage": "Success",
  "responseDetails": {
    "_ORDER_ID_": {
      "orderDate": "2022-01-01T19:13:59+00:00",
      "orderCampaignID": "_CAMPAIGN_ID_",
      "orderCampaignName": "Campaign Name",
      "orderAgentName": "Agent Name",
      "orderCustomer": {
        "nameFirst": "First",
        "nameLast": "Last",
        "email": "email@test.com",
        "addressBilling": {
          "nameFirst": "First",

```

```

        "nameLast": "Past",
        "address": "111 Test Street",
        "address2": "",
        "city": "Testville",
        "state": "CA",
        "zip": "99110",
        "country": "US",
        "phone": "8885551212",
    },
    "addressShipping": {
        "nameFirst": "First",
        "nameLast": "Last",
        "address": "231 Test Ln",
        "address2": "",
        "city": "Testing",
        "state": "CO",
        "zip": "34567",
        "country": "US",
        "phone": "8885551313",
    }
},
"orderSubTotal": "49.99",
"orderTax": "0.00",
"orderShipping": "0.00",
"orderTotal": "49.99",
"orderCurrency": "USD",
"orderProducts": [
    {
        "productID": "_PRODUCT_ID_",
        "productName": "Product Name",
        "productPrice": "49.99",
        "productQuantity": "1",
        "productDiscount": "0.00",
        "productTotal": "49.99"
    }
],
"orderPaymentType": "VISA",
"orderPaymentLast4": "1111",
"orderPaymentExpiration": "03/2026"
}
}
}

```

The following is an example of a JSON formatted return result for an unsuccessful transaction:

```

{
  "responseCode": 100,
  "responseMessage": "Invalid ID and Transaction Key combination"
}

```

CALL FUNCTION: getProducts

Fetches a list of all current products available. The results may include products you own and products you are able to interact with, filtered by a variable.

Variables

The API takes the following variables posted in JSON format:

Name	Required	Value
affiliateID	Y	12 character alphanumeric id string assigned to affiliates
affiliateKey	Y	32 character alphanumeric password string assigned to affiliates
orderFunction	Y	“getProducts”
showAll	Y	“y” / “n” Selecting “y” will return all products available to you. Selecting “n” will return only products owned by you

Response

The API returns the following variables in JSON format:

Name	Value
responseCode	Numeric code representing the result of the call
responseMessage	Descriptive message of the result of the call
responseDetails	Array of products returned by the call

responseDetails (array structure)

productID	Product ID
productName	Product Name
productCurrency	3 character currency code
productPrice	Product price per unit
productTrialPrice	Product trial price (optional)
productTrialDays	Product trial days (optional)
productConversionPrice	Product conversion price (optional)
productRecurringPrice	Product recurring price (optional)
productRecurringDays	Product recurring days (optional)
productRecurringCount	Product recurring count (optional)
productVendor	Vendor Name
productMerchant	Merchant Name
productMerchantIDs	Array of product codes for merchant configuration
{ ex.	
productID	"111"
campaignID	"222"
shippingID	"333"
}	

Response Codes

The API will return the following response codes in JSON format:

Code	Value
1	Success
80	Improperly formatted request (JSON format required)
100	Invalid ID and Transaction Key combination
343	No Products available
800	Invalid function
900	The interface encountered an error

Example JSON format

The following is an example of a properly formatted JSON data structure for the API post:

```
{  
  "affiliateID": "_AFFILIATE_ID_",  
  "affiliateKey": "_AFFILIATE_KEY_",  
  "orderFunction": "getProducts",  
}
```

```
"showAll": "n"
}
```

The following is an example of a JSON formatted return result for a successful transaction:

```
{
  "responseCode": 1,
  "responseMessage": "Success",
  "responseDetails": [
    {
      "productID": "PROD1111",
      "productName": "Product Name",
      "productCurrency": "USD",
      "productPrice": "19.99",
      "productTrialPrice": "",
      "productTrialDays": null,
      "productConversionPrice": "",
      "productRecurringPrice": "",
      "productRecurringDays": null,
      "productRecurringCount": null,
      "productVendor": "Product Vendor",
      "productMerchant": "Merchant CRM: Test",
      "productMerchantIDs": {
        "productId": "111",
        "campaignId": "222",
        "shippingId": "333"
      }
    }
  ]
}
```

The following is an example of a JSON formatted return result for an unsuccessful transaction:

```
{
  "responseCode": 343,
  "responseMessage": "No Products Available"
}
```

CALL FUNCTION: getSites

Fetches a list of all current sites available. The results include sites you are able to link products with.

Variables

The API takes the following variables posted in JSON format:

Name	Required	Value
affiliateID	Y	12 character alphanumeric id string assigned to affiliates
affiliateKey	Y	32 character alphanumeric password string assigned to affiliates
orderFunction	Y	“getSites”

Response

The API returns the following variables in JSON format:

Name	Value
responseCode	Numeric code representing the result of the call
responseMessage	Descriptive message of the result of the call
responseDetails	Array of sites returned by the call
responseDetails (array structure)	
siteID	Site ID
siteName	Site Name
siteURL	Site URL

Response Codes

The API will return the following response codes in JSON format:

Code	Value
1	Success
80	Improperly formatted request (JSON format required)
100	Invalid ID and Transaction Key combination
295	No Sites available
800	Invalid function
900	The interface encountered an error

Example JSON format

The following is an example of a properly formatted JSON data structure for the API post:

```
{
  "affiliateID": "_AFFILIATE_ID_",
  "affiliateKey": "_AFFILIATE_KEY_",
  "orderFunction": "getSites"
}
```

The following is an example of a JSON formatted return result for a successful transaction:

```
{
  "responseCode": 1,
  "responseMessage": "Success",
  "responseDetails": [
    {
      "siteID": 101,
      "siteName": "Test Site Name",
      "siteURL": "http:www.siteurl.com"
    }
  ]
}
```

The following is an example of a JSON formatted return result for an unsuccessful transaction:

```
{
  "responseCode": 295,
  "responseMessage": "No Sites available"
}
```

CALL FUNCTION: importProducts

Imports product records directly from an external CRM. Multiple products can be inserted at a time.

Variables

The API takes the following variables posted in JSON format:

Name	Required	Value
affiliateID	Y	12 character alphanumeric id string assigned to affiliates
affiliateKey	Y	32 character alphanumeric password string assigned to affiliates
orderFunction	Y	“importProducts”
merchantID	Y	Numeric ID of merchant account orders are associated with (can be found with the ‘getMerchants’ method)
products	Y	Array of product records
products (array structure)		
productName	Y	Product Base Name
productVariantName	N	Product Variant Name
productDescription	N	Product Description
productSite	Y	Product siteID (found with getSites method)
productCurrency	Y	3 Character Product Currency
productPrice	Y	Product Price for sale
productTrialPrice	N	Product Trial Price
productTrialDays	N	Product Trial Days
productConversionPrice	N	Product Conversion Price
productRecurringPrice	N	Product Recurring Price
productRecurringDays	N	Product Recurring Days
productRecurringCount	N	Product Recurring Count
productShipping	N	Product Shipping Price
productOrderMultiple	Y	Can multiple Products be ordered (y/n)
productIDs	Y	Array of Product IDs for Merchant configuration
{		
_VAR_NAME_		_VAR_VALUE_
}		

Response

The API returns the following variables in JSON format:

Name	Value
responseCode	Numeric code representing the result of the call
responseMessage	Descriptive message of the result of the call
responseDetails	Array of product results from the call
responseDetails (array structure)	
<pre>{ code message }</pre>	<p>Response code for product record Response message for product record</p>

Response Codes

The API will return the following response codes in JSON format:

Code	Value
1	Success
80	Improperly formatted request (JSON format required)
100	Invalid ID and Transaction Key combination
106	Missing product records
341	No Product/Merchant identifiers found
342	Product already exists
343	No Products available
344	Error creating Product record
380	No orders imported
390	Mixed success/failure
800	Invalid function
900	The interface encountered an error

Example JSON format

The following is an example of a properly formatted JSON data structure for the API post:

```
{
  "affiliateID": "_AFFILIATE_ID_",
  "affiliateKey": "_AFFILIATE_KEY_",
  "merchantID": "_MERCHANT_ID_",
  "orderFunction": "importProducts",
  "products": [
    {
      "productName": "Test Product",
      "productVariantName": "Test Product in Blue",
      "productDescription": "Description of Test Product",
      "productSite": "_SITE_ID_",
      "productCurrency": "USD",
      "productPrice": "19.99",
      "productTrialPrice": "0.00",
      "productTrialDays": "",
      "productConversionPrice": "",
      "productRecurringPrice": "",
      "productRecurringDays": "",
      "productRecurringCount": "",
      "productShipping": "0.00",
      "productOrderMultiple": "y",
      "productIDs": {
        "productId": "111"
      }
    }
  ]
}
```

The following is an example of a JSON formatted return result for a successful transaction:

```
{
  "responseCode": 1,
  "responseMessage": "Success",
  "responseDetails": [
    {
      "code": 1,
      "message": "Success (Product {"productId": "111"} imported)"
    }
  ]
}
```

The following is an example of a JSON formatted return result for an unsuccessful transaction:

```
{
  "responseCode": 380,
  "responseMessage": "No products imported",
  "responseDetails": [
    {
      "code": 110,
      "message": "Required fields (productName,productSite,productCurrency,productPrice)"
    }
  ]
}
```

CALL FUNCTION: importOrders

Imports order records that were made outside of the INFOCU5 platform. Multiple orders can be inserted at a time.

Variables

The API takes the following variables posted in JSON format:

Name	Required	Value
affiliateID	Y	12 character alphanumeric id string assigned to affiliates
affiliateKey	Y	32 character alphanumeric password string assigned to affiliates
orderFunction	Y	“importOrders”
merchantID	Y	Numeric ID of merchant account orders are associated with (can be found with the ‘getMerchants’ method)
orderRecords	Y	Array of order records

orderRecords (array structure)

orderID	Y	Order ID
orderDate	Y	Order Datetime (YYYY-MM-DDTHH:MM:SS)
customerID	Y	Customer ID
campaignID	Y	INFOCU5 Campaign order is being assigned to
billingNameFirst	Y	Billing Name First
billingNameLast	Y	Billing Name Last
billingAddress	Y	Billing Address
billingAddress2	N	Billing Address 2
billingCity	Y	Billing City
billingState	Y	Billing State (US 2 digit)
billingZip	Y	Billing Zip
billingCountry	Y	Billing Country (2 digit)
billingPhone	Y	Billing Phone
emailAddress	Y	Customer Email Address
shippingNameFirst	Y	Shipping Name First
shippingNameLast	Y	Shipping Name Last
shippingAddress	Y	Shipping Address
shippingAddress2	N	Shipping Address 2
shippingCity	Y	Shipping City
shippingState	Y	Shipping State (US 2 digit)
shippingZip	Y	Shipping Zip
shippingCountry	Y	Shipping Country (2 digit)
shippingPhone	Y	Shipping Phone
orderSubTotal	Y	Order Sub-Total
orderTax	Y	Order Tax
orderShipping	Y	Order Shipping
orderTotal	Y	Order Total
paymentType	Y	Payment Type (VISA,MC,AMEX,DC)
paymentLast4	N	Payment Last 4 (1111)
paymentExpiration	N	Payment Expiration (MM/YYYY)
orderProducts	Y	Array of products in order
{		
productName	Y	Product Name
productQuantity	Y	Product Quantity
productPrice	Y	Product Price for sale
productTax	Y	Product Tax
productShipping	Y	Product Shipping Amount
productIDs	Y	Array of Product IDs for Merchant configuration
{		
_VAR_NAME_	Y	_VAR_VALUE_
}		
}		

Response

The API returns the following variables in JSON format:

Name	Value
------	-------

responseCode	Numeric code representing the result of the call
responseMessage	Descriptive message of the result of the call
responseDetails	Array of order results from the call

**responseDetails
(array structure)**

```
{
  code      Response code for order record
  message   Response message for order record
}
```

Response Codes

The API will return the following response codes in JSON format:

Code	Value
1	Success
80	Improperly formatted request (JSON format required)
100	Invalid ID and Transaction Key combination
105	Missing order records
110	Required fields
120	A valid email address is required
140	Invalid billing phone
150	Invalid billing state/country/region
160	Invalid billing zip/postal code
180	Invalid shipping phone
190	Invalid shipping state/country/region
200	Invalid shipping zip/postal code
210	Invalid shipping country
220	Error creating customer record

- 225** Could not locate product by IDs
- 300** Missing or invalid Campaign ID
- 345** Product is not available to this Campaign
- 380** No orders imported
- 390** Mixed success/failure
- 800** Invalid function
- 900** The interface encountered an error

Example JSON format

The following is an example of a properly formatted JSON data structure for the API post:

```
{
  "affiliateID": "_AFFILIATE_ID_",
  "affiliateKey": "_AFFILIATE_KEY_",
  "merchantID": "_MERCHANT_ID_",
  "orderFunction": "importOrders",
  "orderRecords": [
    {
      "orderID": "1188991013134",
      "orderDate": "2021-10-20T15:33:42",
      "customerID": "cus_JiohY6SCiS3EsZ",
      "campaignID": "1111",
      "billingNameFirst": "Test",
      "billingNameLast": "Tester",
      "billingAddress": "111 Test Ln.",
      "billingAddress2": "",
      "billingCity": "Testville",
      "billingState": "FL",
      "billingZip": "32601",
      "billingCountry": "US",
      "billingPhone": "8885551212",
      "emailAddress": "testing@infocu5.com",
      "shippingNameFirst": "Ship Test",
      "shippingNameLast": "Ship Tester",
      "shippingAddress": "111 Ship Test Ln.",
      "shippingAddress2": "Apt. 1",
      "shippingCity": "Shipville",
      "shippingState": "CA",
      "shippingZip": "91108",
      "shippingCountry": "US",
      "shippingPhone": "8885551212",
      "orderSubTotal": "89.94",
      "orderTax": "0.00",
      "orderShipping": "9.95",
      "orderTotal": "99.89",
    }
  ]
}
```

```

    "paymentType": "VISA",
    "paymentLast4": "4440",
    "paymentExpiration": "04/2023",
    "orderProducts": [
      {
        "productName": "Test Product",
        "productQuantity": "1",
        "productPrice": "19.99",
        "productTax": "0.00",
        "productShipping": "0.00",
        "productIDs": {
          "productId": "111"
        }
      }
    ]
  }
}

```

The following is an example of a JSON formatted return result for a successful transaction:

```

{
  "responseCode": 1,
  "responseMessage": "Success",
  "responseDetails": [
    {
      "code": 1,
      "message": "Success (Order #1188991013134 imported)"
    }
  ]
}

```

The following is an example of a JSON formatted return result for an unsuccessful transaction:

```

{
  "responseCode": 380,
  "responseMessage": "No orders imported",
  "responseDetails": [
    {
      "code": 110,
      "message": "Required fields
(billingNameFirst,billingNameLast,billingAddress,billingCity,billingState,billingZip,billingCountry,billi
ngPhone,emailAddress,shippingNameFirst,shippingNameLast,shippingAddress,shippingCity,ship
pingState,shippingZip,shippingCountry,shippingPhone)"
    }
  ]
}

```