



ELECTRONIC SEAL®

GDS Api

API GUIDE V 2.5



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Status Codes :

1. 200 (OK)---->Request was successful.
2. 400 (Bad Request)---->Invalid format for request.
3. 401 (Unauthorized)---->Not authorized to make this request.
4. 401 (Validation) ERR.2SG.SEC.INVALID_CREDENTIALS----> Invalid credentials.
5. 403 (Forbidden)---->Request is for a resource that is forbidden.
6. 404 (Not Found)---->Response does not contain any data.
7. 405---->Method Not Allowed
8. 406 (Not Acceptable)---->Requested resource is only capable of generating content not acceptable according to the Accept headers sent in the request.
9. 500 (Server Error)
- 10.503 (Service Unavailable)---->Server is currently unavailable. Please try again later and report if problem persists.
- 11.504 (Gateway Timeout)---->Server timed out trying to fulfill request. Please try again later and report if problem persists.



1. getAllCategoriesByCustomer :

Description : This request is used to get all the categories for a manufacturer .

Url : beta.esecalinc.com/dmapi/getAllCategories

Parameters:

Parameters	value	type	Description
api_key	1234567890123456	String	Api key
secret_key	1234567890123456	String	Secret Key

Response :

```
{'Status'=>1, 'Message' => 'Data Successfully Retrieved', 'Data'=>['category_id'=>'Electrical and Hardware'], 'ResponseCode':200}
```

2. getProductCount:

Description : This request is used to get the count of products for a manufacturer.

Url : beta.esecalinc.com/dmapi/getProductCount

Parameters:

Parameters	Value	type	Description
api_key	1234567890123456	String	Api key
secret_key	1234567890123456	String	Secret Key
category_id	1	Integer	Category id

Response :

```
{["Status ":1,"Message ":"Count Retrieved Successfully","Count ":52], 'ResponseCode':200}
```



3. productSearch:

Description : This request is used to get the products by searching using category_id or product_name or sku or brand_name or price.

Url : beta.esealinc.com/dmapi/productSearch

Parameters:

Request Parameters:

"api_key" : "123123123123123",
"secret_key" : "123123123123123",
"mrp-low" : "1",
"mrp-high" : "49",
"brand_name" : "orient",
"product_name" : "fan"

Parameters	Value	Type	Description
api_key	1234567890123456	String	Api key
secret_key	1234567890123456	String	Secret Key
product_name	Fan	String	Product search string
Sku	Sku-137	String	Sku
brand_name	Orient	String	Brand_name
Mrpl	1000	Integer	Low-price
Mrph	2000	Integer	High-price
category_id	1	Integer	Category id

Response:

```
{
  "Status": 1,
  "Message": "Sucessfull",
  "search_info": [
    {
      "product_name": "Usha Ebony GS4 004 SS AI",
      "title": "Ebony GS4 004 SS AI",
      "category_id": "42,67,96",
      "sku": "sku-82",
      "mrp": "9790.00",
      "brand_name": "Usha"
    }
  ]
}
```



}

4. getInventory :

Description : This request is used to retrieve products information and product attributes like category ,cost price, product name, sku , product attributes based on category_id.

Url : beta.esealinc.com/dmapi/getInventory

Parameters:

parameters	Value	type	Description
api_key	1234567890123456	String	Api key
secret_key	1234567890123456	String	Secret Key
category_id	5	Integer	Id of product category

Response:

```
{"Status":1,"Message":"Data Successfully Retrieved.", "Data":[{"product_id":186,"category":"Lights","category_id":5,"cost_price":"0.00","manufac turer_id":1,"product_name":"3W - Eternal Bulb (LED Bulb)","sku":"sku-186","attributes":{"Category":" ","Sub-Category":" ","Class":" ","Type":" ","Manufacturer Description":" ","Manufacturer Website Link":" ","Brand Name":"Eternal Bulb","Title":" ","Description":" ","Features":" ","Technical Specifications":" ","Dimensions":"","Weight":"","Images":"","Videos":"","User Documents √ Links":"","Website Link":"","Warranty Policy √ Link":"","Service Centers √ Link":"","Recycling Instructions":"","Package Dimensions":"","Weight along with Package":"","Quantity in Shipper Pack":"","Shipper Pack Dimensions":"","Shipper Pack Weight":"","Shipping & Handling Instructions":"","Order Cancellation Policy":"","Returns Policy":"","Back Orders Accepted":""}}]}'ResponseCode':200}}
```

5. getProductsInventory :

Description : This request is used to get inventory of products based on product_id's.

Url : beta.esealinc.com/dmapi/getProductsInventory

Parameters:

Parameters	Value	type	Description
api_key	1234567890123456	String	Api key
secret_key	1234567890123456	String	Secret Key



pids	205, 206	String	Unique Id of product
------	----------	--------	----------------------

Response :

```
{
  "Status": 1,
  "Message": "Data Successfully Retrieved.",
  "Data": [
    {
      "product_id": 205,
      "available_inventory": 24
    },
    {
      "product_id": 206,
      "available_inventory": 2
    }
  ]
}
```

6. getProductDynamicInfo :

Description : This request is used to get dynamic information and in_transit inventory information of products based on location .

Url : beta.es sealinc.com/dmapi/getProductDynamicInfo

Parameters:

Parameters	value	type	Description
sku	sku-135	String	Unique sku of products
pincode	500088	Integer	Zip code
api_key	1234567890123456	String	Api key
secret_key	1234567890123456	String	Secret Key

Response :

```
{
  "Status": 1,
  "Message": "Data Successfully Retrieved.",
  "Data": {
    "product_name": "Orient MCB Single Pole",
  }
}
```



```
"description": "Longer electrical life through precisely controlled thermal and magnetic tripping\r\nProtection is categorized under B, C or D Curve depending upon resistive or inductive load.\r\n10kA breaking capacity with class 3 energy limitation",
"model_name": "ModelCX0012",
"upc": null,
"ean": null,
"jan": null,
"isbn": null,
"mpn": null,
"category_name": "Electrical and Hardware",
"cost_price": "0.00",
"manufacturer_name": "Orient Electric_old",
"sku": "sku-135",
"attributes": [],
"slab_rates": [
  []
],
"available_stock": 1
}, 'ResponseCode': 200}
}
```

7. checkInventoryAvailability :

Description : This request is used to check available inventory and block the inventory.

Url : beta.eselinc.com/dmapi/checkInventoryAvailability

Request Parameters:

```
"api_key" : "123123123123123",
"secret_key" : "123123123123123",
"product_data": {
  "sku": "sku-22",
  "quantity": "1",
  "price": "100",
  "total": "100",
},
"is_blocked" : "1",
"pincode" : "223221",
```

Parameters	value	type	Description
api_key	1234567890123456	String	Api key



secret_key	1234567890123456	String	Secret Key
Sku	sku-135	String	Unique sku of products
Quantity	1	Integer	Quantity of products
Price	786	Float	Price of products
Total	(786 * 1)	Float	Total cost of products
is_blocked	1	Boolean	Status for blocking
pincode	223221	Integer	Zip code

Response :

```
{
  "Status": 1,
  "Message": "Stock is available.",
  "order_token": "051b48b5-6101-11e5-9101-28d24463ceb4",
  "Data": [
    {
      "pid": 135,
      "sku": "sku-135",
      "qty": 1
    }
  ]
},
ResponseCode:'200}
```

8. unblockInventory :

Description : This request is used to unblock the inventory which is already blocked.

Url : beta.es sealinc.com/dmapi/unblockInventory

Request Parameters:

```
"api_key" : "123123123123123",
"secret_key" : "123123123123123",
"product_data": {
  "sku": "sku-22",
  "quantity": "1",
  "price": "100",
  "total": "100",
},
"is_blocked" : "1",
"order_token" : "051b48b5-6101-11e5-9101-2"
```



Parameters:

Parameters	value	type	Description
Sku	sku-135	String	Unique sku of products
order_token	051b48b5-6101-11e5-9101-2	String	Unique order token against order
Quantity	1	Integer	Quantity of products
Price	786	Float	Price of products
Total	(786 * 1)	Float	Total cost of products
api_key	1234567890123456	String	Api key
secret_key	1234567890123456	String	Secret Key

Response :

```
{'Status'=>1, 'Message' =>'Quantity is ublocked','ResponseCode':200}
```

9. placeOrder :

Description : This request is used to placeOrder and reserve stock of Inventory .

Url : beta.eselinc.com/dmapi/placeOrder

Request Parameters:

```
"api_key" : "123123123123123",
"secret_key" : "123123123123123",
"orderdata": "{  \"customer_info\": {    \"suffix\": \"MS\",    \"first_name\": \"First\",
\"middle_name\": \"Middle\",    \"last_name\": \"Last\",    \"channel_user_id\": \"111\",
\"email_address\": \"test2@example.com\",    \"mobile_no\": \"97987897111\",    \"dob\": \"02-06-2015\",
\"channel_id\": \"1\",    \"gender\": \"male\",    \"registered_date\": \"2015-09-29 14:43:57\"  },
\"address_info\": [    {      \"address_type\": \"shipping\",      \"first_name\": \"firstname\",
\"middle_name\": \"Middle\",      \"last_name\": \"lastname\",      \"email\": \"email\",
\"address1\": \"streetaddress\",      \"address2\": \"streetaddress\",      \"city\": \"city\",      \"state\":
\"region\",      \"phone\": \"phonenumber\",      \"pincode\": \"postcode\",      \"country\":
\"countryID\",      \"company\": \"company\",      \"mobile_no\": \"mobile_no\"    },
{      \"address_type\": \"billing\",      \"first_name\": \"firstname\",      \"middle_name\": \"Middle\",
\"last_name\": \"lastname\",      \"email\": \"email\",      \"address1\": \"streetaddress\",
\"address2\": \"streetaddress\",      \"city\": \"city\",      \"state\": \"region\",      \"phone\":
```



```
"phonenumber",      "pincode": "postcode",      "country": "countryID",      "company":
"company",      "mobile_no": "mobile_no"      } ], "order_info": {      "channelid": "1",
"channelorderid": "12345112222",      "orderstatus": "NEW",      "orderdate": "04-12-2015",
"paymentmethod": "221",      "shippingcost": "221",      "subtotal": "2210",      "tax": "201",
"totalamount": "1940",      "currencycode": "INR",      "channelorderstatus": "Placed",
"updateddate": "04-12-2015",      "gdsorderid": "1",      "channelcustid": "4",      "createddate":
"2015-09-29 14: 43: 57"      }, "product_info": [      {      "sku": "sku-80",      "channelid": "3",
"order_id": "1",      "channelitemid": "123",      "scoitemid": "5",      "quantity": "10",
"price": "75",      "sellprice": "78",      "discounttype": "99",      "discountprice": "1",
"tax": "70",      "subtotal": "770",      "channelcancelitem": "",      "total": "840",
"shippingcompanyname": "ebay",      "servicename": "ebayService",      "servicecost": "80",
"dispatchdate": "12-12-2015",      "mintimetodispatch": "2",      "maximetodispatch": "7",
"timeunits": "5"      },      {      "sku": "sku-79",      "channelid": "3",      "order_id": "1",
"channelitemid": "1234",      "scoitemid": "5",      "quantity": "10",      "price": "75",
"sellprice": "78",      "discounttype": "99",      "discountprice": "1",      "tax": "70",
"subtotal": "770",      "channelcancelitem": "",      "total": "840",
"shippingcompanyname": "Amazon",      "servicename": "AmazonService",      "servicecost":
"80",      "dispatchdate": "26-11-2015",      "mintimetodispatch": "2",
"maximetodispatch": "7",      "timeunits": "5"      } ], "payment_info":
[      {      "order_id": "1",      "channelid": "3",      "paymentmethod": "COD",
"paymentstatus": "DOne",      "paymentcurrency": "INR",      "amount": "1000",
"buyeremail": "adh.com",      "buyername": "Bull",      "buyerphone": "12344",
"transactionId": "123",      "paymentDate": "2015-09-29 14: 43: 57"      } ] } }
```

Parameters:

Parameters	value	type	Description
api_key	1234567890123456	String	Api key
secret_key	1234567890123456	String	Secret Key
suffix	Ms	String	Suffix
first_name	Customer firstname	String	First Name of Customer
last_name	Customer lastname	String	Last Name of Customer
middle_name	Customer middlename	String	Middle Name of Customer
channel_user_id	abc12	String	Channel user id
email_address	abc@esealinc.com	String	email_address
mobile_no	8765412345	String	mobile_no
dob	02-06-2015	Date	Date of birth
channel_id	1	Integer	channel_id



gender	Female	String	gender
registered_date	30-09-2015	Date	registered_date
address_type	Billing	String	address_type
address1	address1	String	address1
address2	address2	String	address2
city	Hyd	String	city
state	Telangana	String	state
country	India	String	country
pincode	500079	String	pincode
company	Eseal	String	company
payment_firstname	Biller firstname	String	First Name of Biller
payment_lastname	Biller _lastname	String	Last Name of Biller
payment_company	Biller company	String	Biller company
payment_address_1	Biller _address_1	String	Biller _address_1
payment_address_2	Biller _address_2	String	Biller _address_2
payment_city	Hyderabad	String	Biller city
payment_postcode	500039	String	Biller Postcode
payment_zone	Telangana	String	Biller Zone
payment_zone_id	12	Integer	Biller Zone id
payment_country_id	100	Integer	Biller Country id
payment_method	Credit/NetBanking/Debit	String	payment_method
payment_code	COD	String	payment_code
Shipping firstname	Buyer First Name	String	First Name of the buyer
Shipping lastname	Buyer Last Name	String	Last Name of the buyer
Shipping address 1	Address 1	String	Address 1 of buyer
Shipping address 2	Address 2	String	Address 2 of buyer
Shipping city	Hyderabad	String	City of buyer
Shipping postcode	500039	Integer	Pincode of buyer
Shipping zone	Telangana	String	State of buyer
shipping_zone_id	12	Integer	Zone Id of buyer
Shipping country	India	String	Country of buyer
Shipping country Id	100	Integer	Country Id of buyer



Order token	ORD01-15-35	String	Unique order token against order
Shipping method	IN_Courier	String	Method of shipping on eBay
shipping_code	F2235	String	shipping_code
Total	250	Float	Total cost of order
gds_order_id	ORD-123769	String	GDS Order Id
Comment	Feedback	String	comment
language_id	1	Integer	Language Id
currency_id	2	Integer	Currency Id
currency_code	USD	String	Currency code
currency_value	1.00	Float	Currency Value
user_agent	Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:34.0) G	String	user_agent
accept_language	en-US,en;q=0.5	String	accept_language
Ip Address	111.93.24.118	String	Ip address
Name	Orient Fan	String	Name of the product
Sku	Sku-205	String	Sku Id of product
Quantity	12	Integer	Quantity of products

Response :

```
{'Status'=>1, 'Message' => 'Successfully placed order','Order Id' => 70, 'ResponseCode':200}
```



10. cancelOrder :

Description : This request is used to cancel order .

Url : beta.es sealinc.com/dmapi/cancelOrder

Parameters:

Parameters	value	type	Description
api_key	1234567890123456	String	Api key
secret_key	1234567890123456	String	Secret Key
order_id	19	Integer	Unique Id of Order

Response :

```
{
  "Status": 1,
  "Message": "Successfully cancelled the order",
  "orderId": "19"
},'ResponseCode':200
```

11. getAllInventory :

Description : This request is used to get all the static and dynamic information of products for a manufacturer.

Url : beta.es sealinc.com/dmapi/getAllInventory

Parameters:

Parameters	value	Type	Description
api_key	1234567890123456	String	Api key
secret_key	1234567890123456	String	Secret Key
start_limit	0	Integer	Start limit
end_limit	2	Integer	End limit



--	--	--	--

Response :

```
{
  "Status": 1,
  "Message": "Data Successfully Retrieved.",
  "Data": [
    {
      "product_name": "Orient Smart Air",
      "description": "",
      "model_name": "ModelCX0012",
      "upc": null,
      "ean": null,
      "jan": null,
      "isbn": null,
      "mpn": null,
      "categories": [],
      "mrp": "699.00",
      "cost_price": "0.00",
      "sku": "sku-128",
      "attributes": {
        "General": {
          "Category": "",
          "Sub-Category": "",
          "Class": "",
          "Type": ""
        },
        "Manufacturer": {
          "Manufacturer Description": "",
          "Manufacturer Website Link": ""
        },
        "Identity": {
          "Brand Name": "",
          "Title": ""
        },
        "Details": {
          "Description": "",
          "Features": "",
          "Technical Specifications": "",
          "Dimensions": "",
          "Weight": "",
          "Images": "",
          "Videos": "",
          "User Documents \\/ Links": "",
          "Website Link": ""
        },
        "Service": {
          "Warranty Policy \\/ Link": "",
          "Service Centers \\/ Link": "",
          "Recycling Instructions": ""
        },
        "Package": {
          "Package Dimensions": "",
          "Weight along with Package": "",
          "Quantity in Shipper Pack": "",
          "Shipper Pack Dimensions": "",
          "Shipper Pack Weight": "",
          "Shipping & Handling Instructions": ""
        },
        "Ordering": {
          "Order Cancellation Policy": "",
          "Returns Policy": "",
          "Back Orders Accepted": ""
        }
      },
      "media": {
        "Image": [
          "localhost\\/uploads\\/products\\/1\\/product\\/45441.jpg"
        ],
        "slab_rates": []
      },
      "product_name": "SinglePole",
      "description": "",
      "model_name": "ModelCX0012",
      "upc": null,
      "ean": null,
      "jan": null,
      "isbn": null,
      "mpn": null,
      "categories": [],
      "mrp": "499.00",
      "cost_price": "0.00",
      "sku": "sku-130",
      "attributes": {
        "General": {
          "Category": "",
          "Sub-Category": "",
          "Class": "",
          "Type": ""
        },
        "Manufacturer": {
          "Manufacturer Description": "",
          "Manufacturer Website Link": ""
        },
        "Identity": {
          "Brand Name": "Orient Switch Gear",
          "Title": ""
        },
        "Details": {
          "Description": "",
          "Features": "",
          "Technical Specifications": "",
          "Dimensions": "",
          "Weight": "",
          "Images": "",
          "Videos": "",
          "User Documents \\/ Links": "",
          "Website Link": ""
        },
        "Service": {
          "Warranty Policy \\/ Link": "",
          "Service Centers \\/ Link": "",
          "Recycling Instructions": ""
        },
        "Package": {
          "Package Dimensions": "",
          "Weight along with Package": "",
          "Quantity in Shipper Pack": "",
          "Shipper Pack Dimensions": "",
          "Shipper Pack Weight": "",
          "Shipping & Handling Instructions": ""
        },
        "Ordering": {
          "Order Cancellation Policy": "",
          "Returns Policy": "",
          "Back Orders Accepted": ""
        }
      },
      "media": {
        "Image": [
          "localhost\\/uploads\\/products\\/1\\/product\\/27708.PNG"
        ],
        "slab_rates": []
      }
    }
  ],
  "responseCode": 200
}
```



12. channelCustomer:

Description : This request is used to create a new channel customer.

Url : beta.esealinc.com/dmapi/channelCustomer

Parameters:

parameters	Value	type	Description
api_key	1234567890123456	String	Api key
secret_key	1234567890123456	String	Secret Key
suffix	Ms	String	Suffix
first_name	Customer firstname	String	First Name of Customer
last_name	Customer lastname	String	Last Name of Customer
middle_name	Customer middlename	String	Middle Name of Customer
channel_user_id	abc12	String	Channel user id
email_address	abc@esealinc.com	String	email_address
mobile_no	8765412345	String	mobile_no
dob	02-06-2015	Date	Date of birth
channel_id	1	Integer	channel_id
gender	Female	String	Gender
registered_date	30-09-2015	Date	registered_date
address_type	Billing	String	address_type
address1	address1	String	address1
address2	address2	String	address2
city	Hyd	String	City
state	Telangana	String	State
country	India	String	Country
pincode	500079	String	Pincode
company	Eseal	String	Company

Response :

```
{["Status":1,"Message ":" Successfully Created"], 'ResponseCode':200}
```


