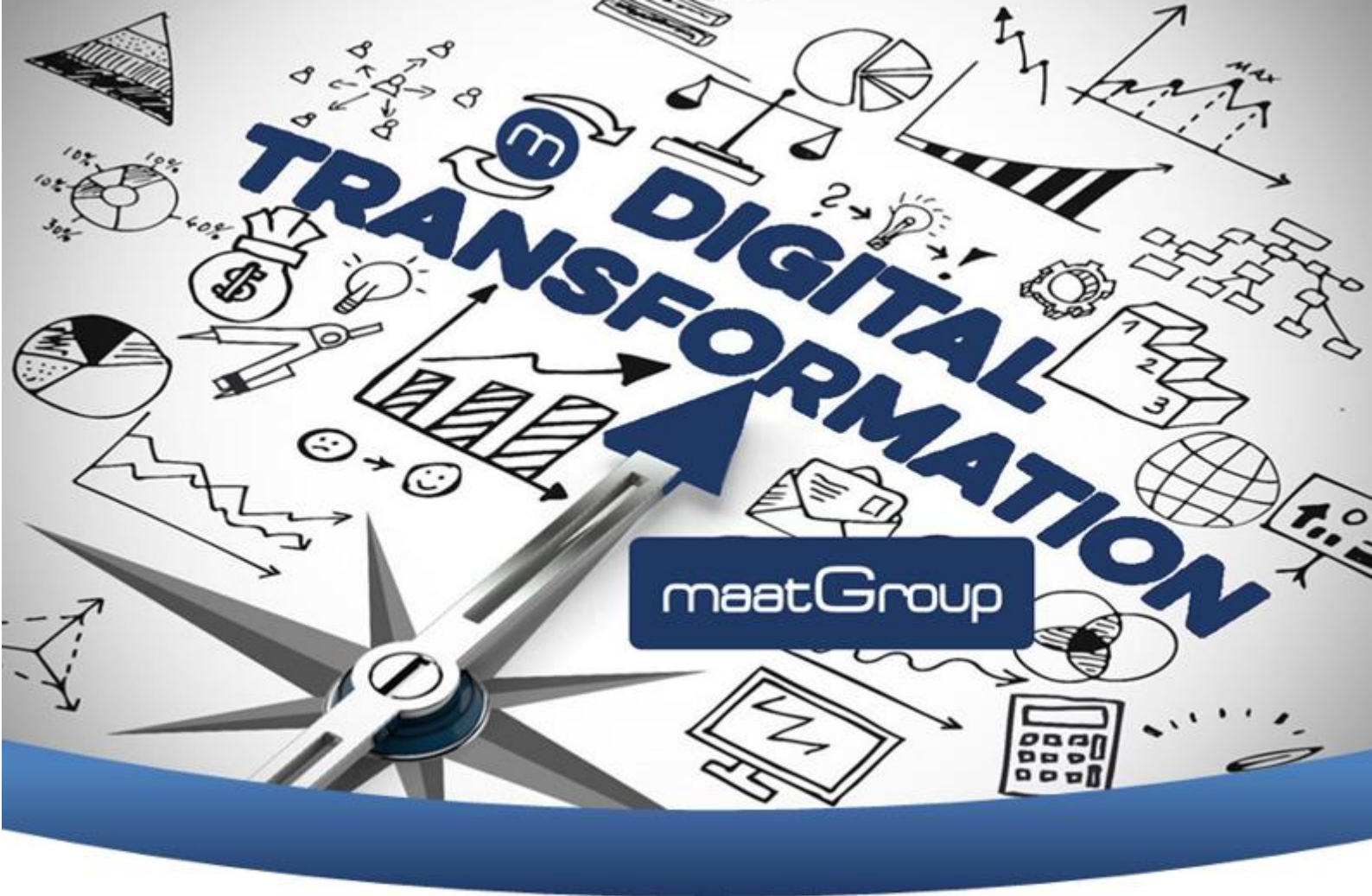




API Specs

MATRIX COMPONENT
DOCUMENT

M_014_9221
M_014_9221_2201_INTEGRATION_APIs

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TABLE OF CONTENTS

1. ECOSYSTEM – INTEGRATION API.....	4
1.1 SEND ACCESS TOKEN BY HEADER.....	4
1.2 INFORMATION FROM USERS PUBLISHERS INTO ECOSYSTEM	5
1.3 PRICE LISTS INFORMATION.....	5
1.4 CATEGORIES LISTS.....	5
1.5 INFORMATION OF ONE CATEGORY	6
1.6 PRODUCT PUBLICATION	7
1.7 PRODUCT PUBLICATION – CLIENT SIDE DEPLOYMENT.....	7
1.8 INFORMATION ON PRODUCTS PUBLISHED INTO ECOSYSTEM.....	8
1.9 INFORMATION OF A PARTICULAR PRODUCT PUBLISHED INTO ECOSYSTEM	9
1.10 ORDER INFORMATION PLACED BY CUSTOMER INTO ECOSYSTEM.....	11
1.11 EVENT - REPORT OF NEW ORDER PLACED BY CUSTOMER IN ECO	12

VERSION CONTROL

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1. ECOSYSTEM - INTEGRATION API

How do we manage authorization?



Through the OAuth 2.0 Protocol, one of the most used in Open Platforms (Twitter, Facebook, etc.) and a secure method for working with private resources

This protocol allows us:

- ✓ **Confidentiality:** the user must not reveal their password
- ✓ **Integrity:** only those applications that have permission to do so will be able to see private data.
- ✓ **Availability:** data will always be available when it is needed

1.1 SEND ACCESS TOKEN BY HEADER



YOU MUST SEND ACCESS TOKEN PER HEADER EVERY TIME YOU MAKE CALLS TO THE API

```
Authorization: Bearer access_token-12345678-031820-X-12345678
```

FOR INSTANCE, DOING A GET TO THE /api/option RESOURCE, WOULD BE

```
curl -H 'Authorization: Bearer access_token-12345678-031820-X-12345678' \  
https://api.orison.com/api/option
```

Access token on all requests

In each call to the **API**, take into account adding the **ACCESS TOKEN** in all resources, both public and private

1.2 INFORMATION FROM USERS PUBLISHERS INTO ECOSYSTEM

Returns a list of suppliers related to the user in the Ecosystem

✓ /api/sellers

```
[
  {
    "id": "MLA5725",
    "name": "Proveedor 1"
  },
  {
    "id": "MLA1512",
    "name": "Proveedor 2"
  },
]
```

1.3 PRICE LISTS INFORMATION

Returns a list with the price lists related to the user in the Ecosystem

✓ /api/list_prices

```
[
  {
    "id": "MLA5725",
    "name": "Proveedor 1"
  },
  {
    "id": "MLA1512",
    "name": "Proveedor 2"
  },
]
```

1.4 CATEGORIES LISTS

Return Categories Lists

✓ /api/categories >>> Return available categories at **LEVEL 0 SITES**

✓ /api/categories/\$ID >>> Return available categories at **DAUGHTER SITE \$ID**

```
[
  {
    "id": "MLA5725",
    "name": "Accesorios para Vehículos"
  },
  {
    "id": "MLA1512",
    "name": "Agro"
  },
  {
    "id": "MLA9304",
    "name": "Souvenirs, Cotillón y Fiestas"
  },
  {
    "id": "MLA1953",
    "name": "Otras categorías"
  }
]
```

1.5 INFORMATION OF ONE CATEGORY

Returns information from a particular category

✓ /api/category/\$ID

```
{
  "id": "MLA5725",
  "name": "Accesorios para Vehículos",
  "picture": "http://resources.mlstatic.com/category/images/6fc20d84-2ce6-44ee-8e7e-e5479a78eab0.png",
  "permalink": "https://www.mercadolibre.com.ar/c/accesorios-para-vehiculos",
  "path_from_root": [
    {
      "id": "MLA5725",
      "name": "Accesorios para Vehículos"
    }
  ],
  "children_categories": [
    {
      "id": "MLA4711",
      "name": "Acc. para Motos y Cuatriciclos",
      "total_items_in_this_category": 130703
    },
    {
      "id": "MLA6177",
      "name": "Otros",
      "total_items_in_this_category": 74615
    }
  ]
}
```

```
}
],
}
```

1.6 PRODUCT PUBLICATION

7

Create a new product/stock or edit an existing one

✓ /api/offers/publish

JSON is sent with the following specifications

```
{
  "code": "xxxxx"
  , "unic_code": "xxxx"
  , "title": "Item de test - No Ofertar"
  , "subtitle": "xxxxxxx"
  , "content": "dasadasdasdads"
  , "seller_id": "hash_proveedor"
  , "warehose_id": "sss"
  , "category_id": "2,7,23"
  , "currency_id": "EUR"
  , "price": 20
  , "price_list_id": 2
  , "show_price": 1
  , "available_quantity": 10
  , "status": 1
  , "public": 1
  , "pictures": [
    { "source": "http://mla-s2-p.mlstatic.com/968521-MLA20805195516_072016-O.jpg" }
  ]
}, {
  .....
}
```

Return:

```
json { "status"=>ok, "item_id"=>"ECOSISTEM_PRODUCT_ID" }
```

1.7 PRODUCT PUBLICATION - CLIENT SIDE DEPLOYMENT

Create a new product/stock or edit an existing one into Ecosystem

✓ /api/offers/publish >>> Example **PHP Code**

8

```
$offer["code"] = $producto["codigo"];
$offer["unic_code"] = $producto["codigo_universal"];
$offer["title"] = $producto["etiqueta"];
$offer["pictures"][0]["source"] = $producto["imagen_principal"];
$offer["subtitle"] = $producto["resumen"];
$offer["content"] = $producto["contenido"];
$offer["price"] = $producto["precio"];
$offer["currency_id"] = $monedas[$producto["moneda_id"]]["codigo"];
$offer["public"] = $producto["privacidad"];
$offer["status"] = $producto["estado"];
$offer["show_price"] = $producto["mostrar_precio"];
$offer["warehouse_id"] = $this->input->get_post("almacen_id");
$offer["available_quantity"] = $this->input->get_post("cantidad");
$offer["seller_id"] = $this->input->get_post("eco_proveedor_id");
$offer["price_list_id"] = $this->input->get_post("lista_precio_id");

$offer = json_encode($offer);

$url = $instancia_info["server_url"] . "/api/offers/publish";
$authorization = "Authorization: Bearer " . $instancia_info["access_token"];
$session = curl_init($url);
curl_setopt($session, CURLOPT_POSTFIELDS, $offer);
curl_setopt($session, CURLOPT_HTTPHEADER, array('Content-Type: application/json', $authorization)); // Inject the token into the header
curl_setopt($session, CURLOPT_HEADER, false);
curl_setopt($session, CURLOPT_RETURNTRANSFER, true);
$response = curl_exec($session);
if($response != ""){
    $eco_producto_id = json_decode($response, true)["item_id"];
}else{
    http_response_code(404);exit();
}
```

1.8 INFORMATION ON PRODUCTS PUBLISHED INTO ECOSYSTEM

Returns a list of the products published in Ecosystem and their characteristics

```
✓ /api/offers
[
  {
    "id": "MLA5725",
    "title": "Accesorios para Vehículos",
    "subtitle": "xxxxx",
    "seller_id": hash_del_proveedor,
    "currency_id": "BRL",
    "available_quantity": 2,
    "permalink": "https://produto.mercadolivre.com.br/MLB-1191972200-iphone-xs-64gb-_JM",
    "picture": "https://produto.mercadolivre.com.br/MLB-1191972200-iphone-xs-64gb-_JM.jpg",

  },

  "attributes": [
    {
      "id": "MP3",
      "name": "MP3",
      "value_id": "242085",
      "value_name": "Sim",
      "values": [
```



```
[
  {
    "id": "242085",
    "name": "Sim",
  },
  {
    "id": "152685",
    "name": "Atributo 2",
  }
],
{
  "id": "USB_CONNECTION",
  "name": "USB",
  "value_id": null,
  "value_name": "Lightning",
  "values": [
    {
      "id": null,
      "name": "Lightning",
    }
  ],
}
],
"status": "active",
]
```

1.9 INFORMATION OF A PARTICULAR PRODUCT PUBLISHED INTO ECOSYSTEM

Returns information about a particular published product

```
✓ /api/offers/$ID
{
  "id": "MLB1191972200",
  "title": "iPhone Xs 64gb",
  "subtitle": "xxxxx",
  "description": "xxxxx",
  "seller_id": hash_del_proveedor,
  "category_id": "MLB1055",
  "currency_id": "BRL",
  "available_quantity": 2,
  "permalink": "https://produto.mercadolivre.com.br/MLB-1191972200-iphone-xs-64gb-_JM",
  "pictures": [
    {
      "id": "948658-MLB31730426082_082019",
      "url": "http://mlb-s1-p.mlstatic.com/948658-MLB31730426082_082019-O.jpg",
      "secure_url": "https://mlb-s1-p.mlstatic.com/948658-MLB31730426082_082019-O.jpg",
    }
  ]
}
```

```

        "size": "247x500",
        "max_size": "526x1064",
        "quality": ""
    },
    {
        "id": "916431-MLB31730432193_082019",
        "url": "http://mlb-s1-p.mlstatic.com/916431-MLB31730432193_082019-O.jpg",
        "secure_url": "https://mlb-s1-p.mlstatic.com/916431-MLB31730432193_082019-O.jpg",
        "size": "500x401",
        "max_size": "1074x863",
        "quality": ""
    }
],
"video_id": null,
"attributes": [
    {
        "id": "MP3",
        "name": "MP3",
        "value_id": "242085",
        "value_name": "Sim",
        "values": [
            {
                "id": "242085",
                "name": "Sim",
            },
            {
                "id": "152685",
                "name": "Atributo 2",
            }
        ],
    },
    {
        "id": "USB_CONNECTION",
        "name": "USB",
        "value_id": null,
        "value_name": "Lightning",
        "values": [
            {
                "id": null,
                "name": "Lightning",
            }
        ],
    },
],
"status": "active",
"date_created": "2019-03-11T20:12:44.000Z",
"last_updated": "2019-11-27T11:06:33.000Z",
}

```

Returns information about an order placed by a customer into Ecosystem

✓ /api/orders/provider/info/\$ID

```
{
  "ORDER_ID": {
    "items": [
      {
        "id": "ID_PROD1"
        ," quantity": "CANTIDAD_VENDIDA"
        ," item_price": "" "PRECIO UNITARIO"
      }
      ,{
        "id": "ID_PROD2"
        ," quantity": "CANTIDAD_VENDIDA"
        ," item_price": "" "PRECIO UNITARIO"
      }
    ]
  }
  ...
  "client_details": {
    "id": "ID_cliente",
    "email": "comprador_mlb01+470183340@asdf12.com.br",
    "first_name": "Customer",
    "last_name": "Tester",
    "phone": {
      "area_code": "11",
      "number": "97654321"
    },
    "identification_document_id": {
      "type": "DNI",
      "number": "19119119100"
    },
    "company_id": {
      "type": "CUIL",
      "number": "19119119100"
    },
    "default_address": {
      "id": "1162600213",
      "street_name": "Caetano Poli, 12",
      "zip_code": "05187010",
      "city": {
        "id": "BR-SP-44",
        "name": "São Paulo"
      },
      "state": {
        "id": "BR-SP",
        "name": "São Paulo"
      }
    }
  }
}
```

```

    },
    "country": {
      "id": "BR",
      "name": "Brasil"
    },
    "neighborhood": {
      "name": "Jardim Ipanema (Zona Oeste)"
    },
    "municipality": {},
    "date_created": "2021-03-16T15:45:17.000-04:00"
  },
}

```

1.11 EVENT - REPORT OF NEW ORDER PLACED BY CUSTOMER IN ECO

Inform the publisher of the ID of the new order placed >>> **Example PHP Code**

✓ [url_provista_por_proveedor]

```

<?php
// Tomamos el parametro json que viene por POST
$data = json_decode(file_get_contents('php://input'), true);
if($data["alert_type"] == "sale_publish"){

    // Ejecutamos el API para traer la informacion del pedido realizado por el cliente
    $url = "https://sandbox.api.orisom.com/api/orders/provider/info/" . $data["id"];
    $authorization = "Authorization: Bearer " . $access_token;
    $session = curl_init($url);
    curl_setopt($session, CURLOPT_POSTFIELDS, $offer);
    curl_setopt($session, CURLOPT_HTTPHEADER, array('Content-Type: application/json' , $authorization )); // Inject the token into the header
    curl_setopt($session, CURLOPT_HEADER, false);
    curl_setopt($session, CURLOPT_RETURNTRANSFER, true);
    $publish_info = curl_exec($session);
    try {
        $publish_info = json_decode($publish_info, true);
    } catch (\Throwable $th) {
        error_log($th);
    }
}
}
>>

```

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February, 2022

