

Endpoint URLs:

ment: <https://mtis-test2.m-transportas.lt>

Authentication:

To obtain the Bearer token use POST request to:

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

client_id=mparking&grant_type=password&Username=YOUR-USERNAME&Password=YOUR-PASSWORD

Response: (JSON)

[illegible]

AUTH with refresh token POST request content:

IMPORTANT! Refresh token is regenerated after every AUTH. Use new refresh token for next AUTH.

MTICKET ENDPOINTS (HTTPS POST)

Submit order (the shopping cart) – POST /api/partner/ticket/distributor/order

Order confirmation/cancelation – POST /api/partner/ticket/distributor/ordercommit

Submit Refund/Cancel confirmed order - POST /api/partner/ticket/distributor/refund

Refund confirmation/cancelation – POST /api/partner/ticket/distributor/refundcommit

Check if recipient exists – POST /api/partner/ticket/distributor/recipientcheck

HTTPS POST, JSON in Body requests and responses.

Shopping cart (order or refund) is valid for 15 mins.

Status codes used by API:

Order status: 0 – new, 1 – paid, 4 – canceled

Refund status: 0 – new, 1 – success, 4 – canceled

Ticket(Item) status: 0 – new, 2 – Paid, 5 – canceled, 6 – refunded

DiscountId: 0 - No discount, 1 - 80% discount, 2 - 50% discount, 13 – primary school ticket, 14 - Special (12 mén.) ticket, 15 – Park&Ride ticket

Check if recipient exists – POST /api/partner/ticket/distributor/recipientcheck

REQUEST:

```
{
  "recipientPhonenumber": "37069820000"
}
```

Or

```
{
  "recipientEmail": "test@example.com"
}
```

RESPONSE (200 OK):

```
{
  "userExists": true //or false
}
```

Submit order (the shopping cart) – POST /api/partner/ticket/distributor/order

REQUEST:

```
{
  "items": [
    {
      "productId": 180, // integer, product ID
      "quantity": 1    // integer, quantity of products to sell
    },
    {
      "productId": 183,
      "quantity": 5
    }
  ],
  "distributorId": 2, // (optional ) integer. Assigned to distributor by JUDU.
  "distributorReference": "some reference string", // (optional), string length 20. It will be displayed in every
  response.
  "recipientEmail": "reciepiant@email.com", // string (email formatted, case insensitive).
  "recipientPhoneNumber": "37069912345" // Recipient mobile phone number. Without '+'.
}
```

Notes:

- recipientEmail **OR** recipientPhoneNumber must be provided with the request. Recipient must have an account in mTicket.
- Preset (defined by login user) distributor ID will be used unless agreed otherwise.

RESPONSE (200 OK)

```
{
  "id": 19635343,
  "orderNumber": "MT11140038",
  "amount": 1.35, //decimal, separator '.'
  "currency": "EUR",
  "status": 0,
  "distributorReference": "string representing distributor ref.", // Length 20
  "recipientPhoneNumber": null,
  "recipientEmail": "reciepiant@email.com",
  "items": [
    {
      "productId": 180,
      "title": "60 minučių",
      "discountId": 0,
      "quantity": 1,
      "status": 0
    },
    {
      "productId": 183,
      "title": "60 minučių",

```

```

        "discountId": 2,
        "quantity": 1,
        "status": 0
      },
      "refundAllowedUntil": null,
      "createdAt": "2024-06-02T00:33:45.7761552+03:00"
    }
  ]
}

```

ERROR RESPONSES: (BADREQUEST 400)

GENERAL RESPONSE STRUCTURE SAMPLE:

Allowed user ticket quantity exceeded:

```

{
  "createTicketOrderRequest_AllowedQuantityLimitsExceeded": [
    "TT060: Užsakyme viršyti leistini perkamų bilietų kiekiai. Pakoreguokite užsakymą. {0}"
  ],
  "errors": [
    {
      "name": "CreateTicketOrderRequest_AllowedQuantityLimitsExceeded",
      "message": "Užsakyme viršyti leistini perkamų bilietų kiekiai. Pakoreguokite užsakymą. {0}",
      "data": [
        {
          "productId": 276,
          "requestedQuantity": 1,
          "allowedQuantity": 0
        }
      ],
      "code": "TT060",
      "helpUrl": null,
      "helpUrlName": null
    }
  ]
}

```

“Data” may contain some data structures related to error. Depends on error context.

“Code” – error code.

ERROR LIST (CODE:NAME)

```

PR002: DistributorNotFound
TT006: CreateTicketOrderRequest_Validate_ProductNotValid
TT037: CreateTicketOrderRequest_Validate_ProductOwnersDifferent
UR006: UserByEmailNotFound
UR005: UserByPhoneNumberNotFound
TT062: TicketRecipientNotSpecified
TT061: CreateTicketOrderRequest_Validate_AmountNotValid
TT060: CreateTicketOrderRequest_AllowedQuantityLimitsExceeded
UR072: PhoneNumberNotValid
UR077: EmailNotValid

```

*Order confirmation/cancelation – POST /api/partner/ticket/distributor/ordercommit***CONFIRM ORDER REQUEST:**

```
{
  "orderId": 19635356,
  "distributorId": 2,
  "status": "paid", // or numerical representation of status code.
  "paymentDateTime": "2024-05-31T21:13:03.820Z" //required if status is set to "paid"
}
```

CANCEL ORDER REQUEST:

```
{
  "orderId": 19635358,
  "distributorId": 2,
  "status": "canceled" // or numerical representation of status code
}
```

RESPONSE (200 OK):

```
{
  "id": 19635358,
  "orderNumber": "MT11140059", //Customer can track the order by this # in JUDU.
  "amount": 3.15, //Decimal. Order value in EUR.
  "currency": "EUR",
  "status": 4, //Order status. Canceled.
  "distributorReference": "referencas",
  "recipientPhoneNumber": null,
  "recipientEmail": "reciepiant@email.com",
  "items": [
    {
      "productId": 180,
      "title": "60 minučių bilietas",
      "discountId": 0,
      "quantity": 3,
      "status": 5 //Ticket status. Canceled.
    },
    {
      "productId": 183,
      "title": "60 minučių bilietas su 50 % nuolaida",
      "discountId": 2,
      "quantity": 1,
      "status": 5 //Ticket status. Canceled.
    }
  ],
  "refundAllowedUntil": null, //Can be refunded until specified date. DateTime value if order status is
  "Paid".
  "createdAt": "2024-06-03T22:01:43.4862949+03:00"
}
```

ERROR LIST (BadRequest 400):

PR002: DistributorNotFound
TT060: CreateTicketOrderRequest_AllowedQuantityLimitsExceeded
TT079: OrderStatusMustbePaidOrCanceled
TT063: OrderNotFound
TT073: OrderAlreadyCanceled
TT074: OrderAlreadyPaid
TT064: OrderCancelNotPermitted
TT065: OrderConfirmNotPermitted
TT067: PaymentDateTimeRequired
TT068: ShoppingCartExpired

Submit Refund/Cancel confirmed order - POST /api/partner/ticket/distributor/refund

REQUEST:

```
{
  "orderId": 19635359,
  "distributorId": 2,
  "recipientPhoneNumber": "37069912345", //Optional
  "recipientEmail": "recieipient@email.com", //Optional
}
```

RESPONSE (200 OK):

```
{
  "id": 401220, //Refund ID
  "refundNumber": "MK1650", // Customer's refund number.
  "amount": -161.80,
  "status": 0,
  "distributorReference": "refund reference string",
  "recipientPhoneNumber": null,
  "recipientEmail": "recieipient@email.com",
  "items": [
    {
      "productId": 180,
      "title": "60 minučių",
      "discountId": 0,
      "quantity": 3,
      "status": 2
    },
    {
      "productId": 273,
      "title": "9 mėnesių",
      "discountId": 2,
      "quantity": 1,
      "status": 2
    },
    {
      "productId": 285,
      "title": "9 mėnesių",
      "discountId": 1,
      "quantity": 1,
      "status": 2
    }
  ],
  "orderNumber": "MT11140055", //Original order number
  "orderid": 19635359, //Original order Id.
  "createdAt": "2024-06-03T18:58:37.8729705+03:00",
  "currency": "EUR"
}
```

}

ERROR LIST:

PR002: DistributorNotFound

UR072: PhoneNumberNotValid

UR077: EmailNotValid

UR006: UserByEmailNotFound

UR005: UserByPhoneNumberNotFound

TT077: OrderIdRequired

TT063: OrderNotFound

TT069: OrderNotRefundable

*Refund confirmation/cancelation – POST /api/partner/ticket/distributor/refundcommit***CONFIRM REFUND REQUEST:**

```
{
  "refundId": 401219,
  "orderId": 19635355, //Optional
  "distributorId": 2,
  "status": "success", // or numerical representation of refund status code

  "paymentDateTime": "2024-05-31T21:13:03.822Z"
}
```

CANCEL REFUND REQUEST:

```
{
  "refundId": 401219,
  "orderId": 19635355, //Optional
  "distributorId": 2,
  "status": "canceled" // or numerical representation of refund status code
}
```

RESPONSE (OK 200):

```
{
  "id": 401218,
  "refundNumber": "MK1648",
  "amount": -1.35,
  "status": 4, //refund status
  "distributorReference": "reference string",
  "recipientPhoneNumber": null,
  "recipientEmail": "reciepiant@email.com",
  "items": [
    {
      "productId": 183,
      "title": "60 minučių",
      "discountId": 2,
      "quantity": 1,
      "status": 5
    },
    {
      "productId": 180,
      "title": "60 minučių",
      "discountId": 0,
      "quantity": 1,
      "status": 5
    }
  ],
  "orderNumber": "MT11140037",
}
```

```
"createdAt": "2024-06-01T22:18:50.0958874+03:00",  
"currency": "EUR"  
}
```

ERROR LIST:

PR002: DistributorNotFound
UR072: PhoneNumberNotValid
UR077: EmailNotValid
UR006: UserByEmailNotFound
UR005: UserByPhoneNumberNotFound
TT078: RefundIdRequired
TT072: RefundStatusMustbeSuccessOrCanceled
TT071: OrderRefundNotFound
TT080: RefundAlreadyCanceled
TT081: RefundAlreadyConfirmed
TT083: RefundConfirmNotPermitted
TT082: RefundCancelNotPermitted
TT069: OrderNotRefundable
TT067: PaymentDateTimeRequired