

Permits API

- [Pull API: Permit Stats](#)
- [Push API: Permit Delete](#)
- [Push API: Permit Create](#)
- [Push API: Permit Update](#)

Pull API: Permit Stats

The OPS-COM Controller provides a simple JSON based API to integrate with. Clients use this API to gather stats on permits pushed into OPS-COM.

Make sure you set the HTTP Content-Type header to be application/json.

Making API Requests

Raw Request:

```
POST /api/OC-TOMA/v1/permits/stats HTTP/1.1
Host: controller.operationscommander.io
Accept: application/json
Content-Type: application/json
Cache-Control: no-cache
```

```
{
  "apiToken": "YOUR-API-TOKEN",
  "zones": "NOT-REQUIRED--LIST-OF-ZONES"
}
```

JavaScript Request

```
var request = new XMLHttpRequest();
```

```
request.open( 'POST' , 'https://controller.operationscommander.io/api/OC-TOMA/v1/permits/stats' );
```

```
request.setRequestHeader( 'Content-Type' , 'application/json' );
request.setRequestHeader( 'Accept' , 'application/json' );
```

```
request.onreadystatechange = function () {
  if ( this.readyState === 4 ) {
    console.log( 'Status:' , this.status);
    console.log( 'Headers:' , this.getAllResponseHeaders());
    console.log( 'Body:' , this.responseText);
  }
};
```

```
var body = {
  "apiToken": "YOUR-API-TOKEN" ,
```

```
{
  "zones" : "Lot 01,Lot 02"
}
request.send(JSON.stringify(body));
```

Request Object Attributes

Attribute	Type	Limits	Possible Names	Description
apiToken	String	50-character alphanumeric including dashes	apiToken	(Required) Your supplied API Token.
zones	String	Listed zones match zone names in database	zones	(Not Required) Comma delimited list of zones e.g. zone1,zone2,Lot 03,Red Lot,Street parking

Successful Response

The response will be a json object. The same reference id will be returned.

Content-Type: application/json

```
{
  "data" : [
    {
      "type" : "standard" ,
      "zone" : "zone1" ,
      "total" : "4"
    },
    {
      "type" : "temp" ,
      "zone" : "zone1" ,
      "total" : "35"
    },
  ],
  :
  :
}
```

Push API: Permit Delete

The OPS-COM Controller provides a simple JSON based API to integrate with. Clients use this API to directly feed details about existing paid permits and their changes into OPS-COM from other systems such as Parking apps.

Make sure you set the HTTP Content-Type header to be application/json.

Making API Requests

Raw Request:

```
POST /api/OC-TOMA/v1/permits/delete HTTP/1.1
Host: controller.operationscommander.io
Accept: application/json
Content-Type: application/json
Cache-Control: no-cache
```

```
{
  "apiToken": "YOUR-API-TOKEN",
  "referenceID": "PREVIOUS-REFERENCE-ID"
}
```

JavaScript Request:

```

var request = new XMLHttpRequest();

request.open( 'POST' , 'https://controller.operationscommander.io/api/OC-TOMA/v1/permits/delete ');

request.setRequestHeader( 'Content-Type' , 'application/json' );
request.setRequestHeader( 'Accept' , 'application/json' );

request.onreadystatechange = function () {
  if ( this .readyState === 4) {
    console.log( 'Status:' , this .status);
    console.log( 'Headers:' , this .getAllResponseHeaders());
    console.log( 'Body:' , this .responseText);
  }
};

var body = {
  "apiToken" : "YOUR-API-TOKEN" ,
  "referenceID" : "PREVIOUS-REFERENCE-ID"
}
request.send(JSON.stringify(body));

```

Request Object Attributes

Attribute	Type	Limits	Possible Names	Description
apiToken	String	50-character alphanumeric including dashes	apiToken	(Required) Your supplied API Token.
Reference ID	String	50-character alphanumeric including dashes	referenceid referenceID reference_id	(Required) This value is supplied to when the permit push api is successful. e.g. 1a9b5375-cb75-4c71-9939-eeae550b09ac

Successful Response

The response will be a json object. The same reference id will be returned.

Content-Type: application/json

```

{
  "status" : "success" ,
  "reference_id" : "1a9b5375-cb75-4c71-9939-eeae550b09ac" ,
  "InternalReferenceID" : "1a9b5375-cb75-4c71-9939-eeae550b09ac"
}

```


Push API: Permit Create

The OPS-COM Controller provides a simple JSON based API to integrate with. Clients use this API to directly feed paid permit details into OPS-COM from other systems such as Parking Meters. Any permit types whether Validator, Temporary or Standard can be feed to OPS-COM using this API

Make sure you set the HTTP Content-Type header to be application/json.

Making API Requests

Raw Request:

```
POST /api/OC-TOMA/v1/permits/push HTTP/1.1
Host: controller.operationscommander.io
Accept: application/json
Content-Type: application/json
Cache-Control: no-cache
```

```
{
  "apiToken": "YOUR-API-TOKEN",
  "Amount": "14.50",
  "CurrencyID": "CAD",
  "LicencePlate": "PL8RDR",
  "zone": "Lot 4",
  "permitNo": "L4-1138",
  "startTime": "2018-07-02T09:00:00",
  "endTime": "2018-07-02T09:30:00"
}
```

JavaScript Request:

```

var request = new XMLHttpRequest();

request.open( 'POST' , 'https://controller.operationscommander.io/api/OC-TOMA/v1/permits/push ');

request.setRequestHeader( 'Content-Type' , 'application/json' );
request.setRequestHeader( 'Accept' , 'application/json' );

request.onreadystatechange = function () {
  if ( this .readyState === 4) {
    console.log( 'Status:' , this .status);
    console.log( 'Headers:' , this .getAllResponseHeaders());
    console.log( 'Body:' , this .responseText);
  }
};

var body = {
  "apiToken" : "YOUR-API-TOKEN" ,
  "Amount" : "14.50" ,
  "CurrencyID" : "CAD" ,
  "LicencePlate" : "PL8RDR" ,
  "zone" : "Lot 4" ,
  "permitNo" : "L4-1138" ,
  "startTime" : "2018-07-02T09:00:00" ,
  "endTime" : "2018-07-02T09:30:00"
}
request.send(JSON.stringify(body));

```

Request Object Attributes

Attribute	Type	Limits	Possible Names	Description
apiToken	String	50-character alphanumeric including dashes	apiToken	(Required) Your supplied API Token.
Amount	String	9-character decimal	amount Amount	<i>(Optional)</i> Transaction amount This must contain at least 3 digits, two of which are penny values. The minimum allowable value is \$0.01, and the maximum allowable value is \$999999.99.
Currency	String	10-characters	currency CurrencyID	<i>(Optional)</i> CAD, USD

Attribute	Type	Limits	Possible Names	Description
Start Date	String	20-characters Y-m-d\TH:i:s format.	startTime StartDateUtc	(Required) Must be in the format of Y-m-d\TH:i:s e.g. 2000-05-30T14:38:22 For formatting help, see PHP Date Formatting
End Date	String	20-characters Y-m-d\TH:i:s format.	endTime EndDateUtc	(Required) Must be in the format of Y-m-d\TH:i:s e.g. 2000-05-30T14:38:22 For formatting help, see PHP Date Formatting
License Plate	String	25-characters	plate LicencePlate	(Required) The plate of the vehicle.
Ticket Number	String	50-characters	permitNo TicketNumber	<i>(Optional)</i>
Zone Name	String	200-characters	zone ParkingZoneName	<i>(Optional)</i> If the zone does not match a zone in our system, it will be a disconnected record and may not report properly.

Successful Response

The response will be a json object.

Content-Type: application/json

```
{
  "status" : "success" ,
  "reference_id" : "1a9b5375-cb75-4c71-9939-eeae550b09ac" ,
  "InternalReferenceID" : "1a9b5375-cb75-4c71-9939-eeae550b09ac"
}
```

Push API: Permit Update

The OPS-COM Controller provides a simple JSON based API to integrate with. Clients use this API to directly feed paid permit details into OPS-COM from other systems such as Parking Apps.

Make sure you set the HTTP Content-Type header to be application/json.

Making API Requests

Raw Request:

```
POST /api/OC-TOMA/v1/permits/update HTTP/1.1
Host: controller.operationscommander.io
Accept: application/json
Content-Type: application/json
Cache-Control: no-cache
```

```
{
  "apiToken": "YOUR-API-TOKEN",
  "referenceID": "PREVIOUS-REFERENCE-ID",
  "plate": "PL8RDR",
  "Amount": "14.50",
  "currency": "CAD",
  "endTime": "2018-07-02T09:30:00"
}
```

JavaScript Request:

```

var request = new XMLHttpRequest();

request.open( 'POST' , 'https://controller.operationscommander.io/api/OC-TOMA/v1/permits/update ');

request.setRequestHeader( 'Content-Type' , 'application/json' );
request.setRequestHeader( 'Accept' , 'application/json' );

request.onreadystatechange = function () {
    if ( this .readyState === 4) {
        console.log( 'Status:' , this .status);
        console.log( 'Headers:' , this .getAllResponseHeaders());
        console.log( 'Body:' , this .responseText);
    }
};

var body = {
    "apiToken" : "YOUR-API-TOKEN" ,
    "referenceID" : "PREVIOUS-REFERENCE-ID" ,
    "plate" : "PL8RDR" ,
    "Amount" : "14.50" ,
    "currency" : "CAD" ,
    "endTime" : "2018-07-02T09:30:00"
}
request.send(JSON.stringify(body));

```

Request Object Attributes

Attribute	Type	Limits	Possible Names	Description
apiToken	String	50-character alphanumeric including dashes	apiToken	(Required) Your supplied API Token.
Reference ID	String	50-character alphanumeric including dashes	referenceid referenceID reference_id	(Required) This value is supplied to when the permit push api is successful. e.g. 1a9b5375-cb75-4c71-9939-eeae550b09ac
End Date	String	20-characters Y-m-d\TH:i:s format.	endTime EndDateUtc	<i>(Optional)</i> Must be in the format of Y-m-d\TH:i:s e.g. 2000-05-30T14:38:22 For formatting help, see PHP Date Formatting
License Plate	String	25-characters	plate LicencePlate	<i>(Optional)</i> The plate of the vehicle.

Attribute	Type	Limits	Possible Names	Description
Amount	String	9-character decimal	amount Amount	<i>(Optional)</i> Transaction amount This must contain at least 3 digits, two of which are penny values. The minimum allowable value is \$0.01, and the maximum allowable value is \$999999.99.
Currency	String	10-characters	currency CurrencyID	<i>(Optional)</i> CAD, USD

Successful Response

The response will be a json object. The same reference id will be returned.

Content-Type: application/json

```
{
  "status" : "success" ,
  "reference_id" : "1a9b5375-cb75-4c71-9939-eeae550b09ac" ,
  "InternalReferenceID" : "1a9b5375-cb75-4c71-9939-eeae550b09ac"
}
```