



Monitoreal Webhook Notification

When an event is initiated by the Monitoreal object detection system, a POST request shall be sent to Payload URL set in the settings page of the web user interface.

Request compiled in JSON format shall contain data based on the type of the event. If the Payload URL requires authentication, the settings should contain a token, for example a basic token like YWxhZGRpbjpvucGVuc2VzYW1

The Monitoreal webhook channel is one-way only. There's no way to send commands to the device with webhooks.

You will find JSON request data description in detail below.

Object detected

```
{
  "notice_type": "OBJECT_DETECTED",
  "datetime": "2020-01-16T19:07:27+03:00",
  "datetime_format": "%d.%m.%Y %H:%M:%S",
  "data": {
    "camera_id": 1,
    "camera_name": "Camera #1",
    "object": "person",
    "image": "Base64 encoded string",
    "text": "camera_name: object(s) detected at datetime"
  }
}
```

Object disappeared

```
{
  "notice_type": "OBJECT_DISAPPEARED",
  "datetime": "2020-01-16T19:07:27+03:00",
  "datetime_format": "%d.%m.%Y %H:%M:%S",
  "data": {
    "camera_id": 1,
    "camera_name": "Camera #1",
    "object": "person",
  }
}
```



```
"image": "image": "Base64 encoded string", // may not be if object appeared on only
one scene
  "text": "camera_name: object(s) disappeared. Last seen at datetime",
  // only if object appeared on more than 2 scenes
  "object_first_seen": "2020-01-16T19:07:20+03:00",
  "object_last_seen": "2020-01-16T19:07:25+03:00"
}
}
```

Object still present

```
{
  "notice_type": "OBJECT_STILL_PRESENT",
  "datetime": "2020-01-16T19:07:27+03:00",
  "datetime_format": "%d.%m.%Y %H:%M:%S",
  "data": {
    "camera_id": 1,
    "camera_name": "Camera #1",
    "object": "person",
    "image": "image": "Base64 encoded string",
    "text": "camera_name: object(s) still present at datetime"
  }
}
```

Camera status changed to ONLINE

```
{
  "notice_type": "CAMERA_ONLINE",
  "datetime": "2020-01-16T19:07:27+03:00",
  "datetime_format": "%d.%m.%Y %H:%M:%S",
  "data": {
    "camera_id": 1,
    "camera_name": "Camera #1",
    "text": "camera_name is ONLINE!"
  }
}
```

Camera status changed to OFFLINE

```
{
  "notice_type": "CAMERA_OFFLINE",
  "datetime": "2020-01-16T19:07:27+03:00",
  "datetime_format": "%d.%m.%Y %H:%M:%S",
```



```
"data": {  
  "camera_id": 1,  
  "camera_name": "Camera #1",  
  "text": "camera_name is OFFLINE!"  
}
```

Camera has wrong resolution for stream

```
{  
  "notice_type": "CAMERA_WRONG_RESOLUTION",  
  "datetime": "2020-01-16T19:07:27+03:00",  
  "datetime_format": "%d.%m.%Y %H:%M:%S",  
  "data": {  
    "camera_id": 1,  
    "camera_name": "Camera #1",  
    "text": "camera_name deactivated!"  
  }  
}
```