

Export Event Webhooks

Version 1.2.0



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Introduction

This document describes how Como Sense can be integrated with 3rd party products using webhooks. The webhooks contain real-time information regarding events as they are happening on the Como Sense platform.

Communication

Protocol

In order to receive webhook payloads from Como, it is required to set up a public web server with a valid SSL certificate that accepts POST requests.

Response and attempts

In order to prevent timeouts, we recommend that your server responds to webhook events prior to any logic being executed.

We will disable your endpoint if we receive invalid responses from your server over consecutive days.

General Guidelines

Monetary Values

All monetary values (like **TotalSum**, **Price**, etc.) are presented in the payloads as follows:

- In the smallest unit of currency (for example, as cents and not dollars)
- Positive when referring to a price or an amount paid by the customer
- Negative when referring to a discount for the customer

Date Standard and Format

All dates and times in the payloads are formatted in the ISO 8601 standard.

- Format for **Date**: yyyy-MM-dd
- Format for **DateTime**: yyyy-MM-ddThh:mm:ssZ (Z indicates UTC+00)

Event Webhook Payloads

Payload Format

Description

The webhook payload is a JSON object, the payload body contains all the event-related data. This operation does not support multiple customers, only a single event per customer will be sent.

Properties

Field	Description	Type	Returned
Name	Human-readable description of the configured rule.	String	Always
TimeStamp	Epoch time in business local time of when this event http request was sent.	Long	Always
Trigger	The name of the event which triggered this http request. This value is a constant value from Como's server.	String Trigger	Always
Data	An object that holds all the relevant data related to the specific event. For ex: membership details, purchase details, etc.	Object Data	Always

Data Object Properties

Below is a partial list of the properties that can be part of the Data object.

Field	Description	Type	Returned
BusinessName	The business name as it appears in the Como dashboard.	String	Always
LocationID	Como's internal identifier for the business.	String	Always
MembershipKey	Como's internal identifier for the member. Can be used for querying using the Como API.	String	Always
Membership	An object that holds detailed properties related to the member.	Object	Always
UserAction	An object that holds detailed properties related to the specific event. For ex: source details, specific values that changed, etc.	Object	Always
Purchase	An object that holds detailed properties related to the purchase. For ex: event source details, items, totals, etc.	Object	Sometimes
Asset	An object that holds detailed properties related to the redeemed asset.	Object	Sometimes
membershipUrl	URL linked to Como's registration form for completing the registration flow and approving T&Cs.	String	Sometimes

Triggers

Name	Description
joinedclub	Member joins the loyalty program.
GaveConsent	Member consented to T&Cs.
openedclub	Member uses the app after joining the loyalty program.
purchase	Member makes a purchase.
redeem	Member redeems a Como benefit (gift, punch-card, promo code).
punch	Member receives a stamp on his punch-card.
PointTransaction	Member uses/earns Como Points/Credit.
tag_operation	Member is tagged/untagged.
UpdateMembership	Member updates his membership details.
smsunsubscribe	Member unsubscribes from opt-in marketing SMS.

Payload Examples

joinedclub

```
{
  "Name": "Registered to Como [TEST via API]",
  "TimeStamp": 1627388226835,
  "Trigger": "joinedclub",
  "Data": {
    "RegionIsoCode": "US",
    "BusinessName": "Como_Integration",
    "BusinessLogo": "https://keeprzapp.s3.amazonaws.com/photos/8404/original/1598274111_3174776555f43ba3fcbd608.36621389.png",
    "UserKey": "ettHtx9CAug9CC51m47SVVibvuJ2CUx9DkwYJTE9BA88",
    "LocationID": "1111",
    "MembershipKey": "X9AAsnARln9DRnzD59D9Az9CuEXLmT74si9ADzKlqLve4eUIO47SBViL48",
    "CurrencyIsoCode": "USD",
    "TimeStamp": "27.07.2021 12:17:06",
    "Source": "QuickRegistration",
    "MemberAssets": [],
    "CurrencySymbol": "$",
    "UserAction": {
      "Action": "joinedclub",
      "TransactionSourceName": "test",
      "ApiKey": "xxxxxxxx",
      "TransactionSource": "External",
      "LastUpdate": "27.07.2021 12:17:06",
      "UserKey": "ettHtx9CAug9CC51m47SVVibvuJ2CUx9DkwYJTE9BA88",
      "LocationID": "1111",
      "Data": {
        "Membership": [
          {
            "Status": "ok",
            "MembershipStatus": "registered",
            "Email": "pos@como.com",
            "LastUpdate": "27.07.2021 12:17:06",
            "FirstName": "Como",
            "GenericString3": "TN Midtown",
            "UserKey": "ettHtx9CAug9CC51m47SVVibvuJ2CUx9DkwYJTE9BA88",
            "GenericString2": "Sampling",
            "LocationID": "1111",
            "ConsentForHub": "previous",
            "EntityId": "5370121023553536",
            "comoMemberID": "2f7f85ac-f3da-49ef-babc-64a7ef1dc1e4",
            "CommonExtID": "ba2ae5cb-706c-4545-9031-df6ec3ba664a",
            "Consent": "existing",
            "Assets": "[]",
            "Kind": "UserAtLocation",
            "PhoneNumber": "0501234567",
            "CreatedOn": "27.07.2021 12:17:06",
            "LastName": "Test",
            "RegistrationSource": "QuickRegistration",
            "AllowSMS": "true",
            "Key": "X9AAsnARln9DRnzD59D9Az9CuEXLmT74si9ADzKlqLve4eUIO47SBViL48",
            "ComoMemberID": "2f7f85ac-f3da-49ef-babc-64a7ef1dc1e4"
          }
        ]
      }
    },
    "Verification": "server",
    "Labels": {},
    "MembershipKey": "X9AAsnARln9DRnzD59D9Az9CuEXLmT74si9ADzKlqLve4eUIO47SBViL48",
    "Public": "false",
    "TimeStamp": "27.07.2021 12:17:06",
    "Source": "QuickRegistration",
    "Kind": "UserAction",
    "CreatedOn": "27.07.2021 12:17:06",
    "Key": "zS6aCnLTDWLVOqztUMQtnAppn9BADM2udzQI1Z5rK9Dzhqmg88"
  },
  "TimeZone": "America/New_York",
  "TextDirection": "ltr",
  "Rule": {
    "ID": "automation_8d175bf0",
    "Tag": "automation_8d175bf0"
  },
  "membershipUrl": "https://pityc.com/5S1EPMUD8"
}
```

GaveConsent

```
{
  "Name": "Consented to T&C",
  "TimeStamp": "1620731804939",
  "Trigger": "GaveConsent",
  "Data": {
    "RegionIsoCode": "GB",
    "BusinessName": "Como_Integration",
    "BusinessLogo": "https://static-prod.como.com/photos/7976/original/1620637078_9555996796098f596b63206.16619393.png",
    "UserKey": "i0lVxS20yB2Q9BWF69Cyxjlc4CNGyl2A09CcqneEA88",
    "LocationID": "1111",
    "MembershipKey": "ddZCshp7tQp9B41SVCVXEJ4j9AZdRCodcOPnSo2BFHebHjGkp9Du0o8",
    "CurrencyIsoCode": "GBP",
    "TimeStamp": "11.05.2021 11:16:44",
    "Source": "LandingPage",
    "CurrencySymbol": "£",
    "UserAction": {
      "Action": "GaveConsent",
      "LastUpdate": "11.05.2021 11:16:44",
      "UserKey": "i0lVxS20yB2Q9BWF69Cyxjlc4CNGyl2A09CcqneEA88",
      "LocationID": "1111",
      "Data": {
        "OldValue": "no",
        "NewValue": "yes"
      },
      "Verification": "server",
      "Labels": {},
      "MembershipKey": "ddZCshp7tQp9B41SVCVXEJ4j9AZdRCodcOPnSo2BFHebHjGkp9Du0o8",
      "Public": "false",
      "TimeStamp": "11.05.2021 11:16:44",
      "Source": "LandingPage",
      "Kind": "UserAction",
      "CreatedOn": "11.05.2021 11:16:44",
      "Key": "3T6qGoLjHXLlSrZ9BYNQ9BrBp5reUdVYw16htRh7zvH1SKug88"
    },
    "TimeZone": "Asia/Jerusalem",
    "TextDirection": "ltr",
    "Membership": {
      "MembershipStatus": "registered",
      "AccumulatedPoints": "0",
      "Email": "pos@como.com",
      "LastUpdate": "11.05.2021 11:16:44",
      "BudgetWeighted": "512800",
      "UserKey": "i0lVxS20yB2Q9BWF69Cyxjlc4CNGyl2A09CcqneEA88",
      "LocationID": "1111",
      "comoMemberID": "18b1097d-85d2-4a61-b4e3-16c495fac696",
      "Points": "312800",
      "AllowEmail": "true",
      "Consent": "yes",
      "Assets": [],
      "Kind": "UserAtLocation",
      "CreatedOn": "11.05.2021 11:06:21",
      "RegistrationSource": "AutoRegistration",
      "WeightedPoints": "312800",
      "AllowSMS": "true",
      "UnweightedBudgetPoints": "0",
      "Status": "ok",
      "FirstName": "Como",
      "ConsentForHub": "yes",
      "EntityID": "6706409628270592",
      "CommonExtID": "800a2deb-212d-4b42-a9e3-29f032791298",
      "PhoneNumber": "0501234567",
      "LastName": "Test",
      "Tag": [
        "1stPurchase"
      ],
      "BudgetAccumulatedUnweighted": "0",
      "BudgetUnweighted": "0",
      "BudgetAccumulatedWeighted": "512800",
      "Key": "ddZCshp7tQp9B41SVCVXEJ4j9AZdRCodcOPnSo2BFHebHjGkp9Du0o8",
      "ComoMemberID": "18b1097d-85d2-4a61-b4e3-16c495fac696"
    },
    "Rule": {
      "ID": "automation_ab68afb1",
      "Tag": "automation_ab68afb1"
    }
  }
}
```

purchase

```
{
  "Name": "Makes a purchase",
  "TimeStamp": 1620732414571,
  "Trigger": "purchase",
  "Data": {
    "BusinessLogo": "https://static-prod.como.com/photos/7976/original/1620637078_9555996796098f596b63206.16619393.png",
    "UserKey": "iepWxi6PyR6R9BmjH9DDFjk9AkCOGid1AtEdKjeEg88",
    "LocationID": "1111",
    "BranchID": "67",
    "Source": "POS",
    "CurrencySymbol": "£",
    "UserAction": {
      "Action": "purchase",
      "TransactionSourceName": "Virtual POS",
      "ApiKey": "xxxxxxxx",
      "TransactionSource": "POS",
      "LastUpdate": "11.05.2021 11:26:50",
      "UserKey": "iepWxi6PyR6R9BmjH9DDFjk9AkCOGid1AtEdKjeEg88",
      "PurchaseUID": "52559d4d-3d97-4fef-a50c-0c8dc539f308",
      "LocationID": "7976",
      "Data": {
        "TransactionSourceVersion": "1.2.3",
        "TransactionSourceName": "Virtual POS",
        "ApiKey": "xxxxxxxx",
        "TransactionSource": "POS",
        "RelativeSum": "7060",
        "BranchID": "67",
        "Source": "POS",
        "TransactionID": "66417",
        "NumOfMembers": "1",
        "PosID": "89",
        "PurchaseKey": "L5D9AbNQ1b79A0pglx0kWqCT53reIYSX9C37CJZi9AL3LF48",
        "TotalSum": "7060",
        "MemberIndex": "0",
        "UsedGeneralMembership": "N",
        "Confirmation": "L5D9AbNQ1b79A0pglx0kWqCT53reIYSX9C37CJZi9AL3LF48"
      },
      "Verification": "server",
      "Labels": {},
      "MembershipKey": "ddZCshp7tQp9B41SVCVXEJ4j9AZdRCodcOPnSo2BFHebHjGkp9Du0o8",
      "Public": "false",
      "BranchID": "67",
      "TimeStamp": "11.05.2021 11:26:50",
      "Source": "POS",
      "TransactionID": "66417",
      "PosID": "89",
      "PurchaseKey": "L5D9AbNQ1b79A0pglx0kWqCT53reIYSX9C37CJZi9AL3LF48",
      "Kind": "UserAction",
      "CreatedOn": "11.05.2021 11:26:50",
      "Key": "2Dm1FX3eGG3gRbF4W9A9A4pxV0qdwSQneu5BZie7PjGEyAsA88"
    },
    "TextDirection": "ltr",
    "PosID": "89",
    "PurchaseKey": "L5D9AbNQ1b79A0pglx0kWqCT53reIYSX9C37CJZi9AL3LF48",
    "MemberIndex": "0",
    "Membership": {
      "MembershipStatus": "registered",
      "AccumulatedPoints": "0",
      "Email": "pos@como.com",
      "LastUpdate": "11.05.2021 11:26:54",
      "BudgetWeighted": "512740",
      "UserKey": "iepWxi6PyR6R9BmjH9DDFjk9AkCOGid1AtEdKjeEg88",
      "LocationID": "1111",
      "comoMemberID": "18b1097d-85d2-4a61-b4e3-16c495fac696",
      "Points": "299800",
      "AllowEmail": "true",
      "Consent": "yes",
      "Assets": [],
      "Kind": "UserAtLocation",
      "CreatedOn": "11.05.2021 11:06:21",
      "RegistrationSource": "AutoRegistration",
      "WeightedPoints": "319800",
      "AllowSMS": "true",
      "UnweightedBudgetPoints": "-20000",
      "Status": "ok",
      "FirstName": "Como",
      "ConsentForHub": "yes",
      "PreviousUserKeys": [
        "i01VxS20yB2Q9BWFg9Cyxjlc4CNGy12A09CcqneEA88"
      ],
      "EntityID": "6706409628270592",
      "CommonExtID": "800a2deb-212d-4b42-a9e3-29f032791298",
      "PhoneNumber": "0501234567",
      "LastName": "Test",
      "Tag": [
        "1stPurchase",
        "2ndPurchase"
      ],
      "BudgetAccumulatedUnweighted": "0",
      "BudgetUnweighted": "-7060",
      "BudgetAccumulatedWeighted": "519800",
      "Key": "ddZCshp7tQp9B41SVCVXEJ4j9AZdRCodcOPnSo2BFHebHjGkp9Du0o8",
      "ComoMemberID": "18b1097d-85d2-4a61-b4e3-16c495fac696"
    }
  },
}
```

```
{
  "RegionIsoCode": "GB",
  "BusinessName": "Como_Integration",
  "RelativeSum": "7060",
  "MembershipKey": "ddZCshp7tQp9B41SVCVXEJ4j9AZdRCdc0PnSo2BFHebHjGkp9Du0o8",
  "CurrencyIsoCode": "GBP",
  "TimeStamp": "11.05.2021 11:26:50",
  "TimeZone": "Asia/Jerusalem",
  "NumOfMembers": "1",
  "TotalSum": "7060",
  "Rule": {
    "ID": "automation_3f513000",
    "Tag": "automation_3f513000"
  },
  "Confirmation": "L5D9AbNQ1b79A0pg1x0kWqCT53reIYSX9C37CJZi9AL3LF48"
}
```

redeem

```
{
  "Name": "Redeems a benefit",
  "TimeStamp": 1620732411562,
  "Trigger": "redeem",
  "Data": {
    "RegionIsoCode": "GB",
    "BusinessName": "Como_Integration",
    "BusinessLogo": "https://static-prod.como.com/photos/7976/original/1620637078_9555996796098f596b63206.16619393.png",
    "UserKey": "iepWxi6PyR6R9BmjH9DDFjk9AkCOGid1AtEdKjeEg88",
    "LocationID": "1111",
    "MembershipKey": "ddZCshp7tQp9B4lSVCVXEJ4j9AZdRCodcOPnSo2BFHebHjGkp9Du0o8",
    "CurrencyIsoCode": "GBP",
    "TimeStamp": "11.05.2021 11:26:51",
    "Source": "POS",
    "MemberAssets": [
      {
        "template": "smartAsset_4ef7becc",
        "type": "gift",
        "key": "71C9ALJT1L3DjVrsvjsP9AMmebzgI6bJ9DYCz53rN48",
        "status": "Active"
      },
      {
        "template": "smartAsset_92144adc",
        "type": "punch_card",
        "key": "7k9C7K5P0Lm9DiVboujcH5MWKZygExZ5zVDD9B2rNw8",
        "status": "In Progress"
      },
      {
        "template": "smartAsset_d1b9f507",
        "type": "gift",
        "key": "6ku3J49DwKmveUbYqib9D1JlImQxfUpWY9DD9CjNrotQ8",
        "status": "Active"
      }
    ],
    "CurrencySymbol": "£",
    "UserAction": {
      "Action": "redeem",
      "TransactionSourceName": "Virtual POS",
      "ApiKey": "xxxxxxxx",
      "TransactionSource": "POS",
      "LastUpdate": "11.05.2021 11:26:51",
      "UserKey": "iepWxi6PyR6R9BmjH9DDFjk9AkCOGid1AtEdKjeEg88",
      "LocationID": "1111",
      "Data": {
        "ExternalBenefits": [
          null
        ],
        "AssetTemplateKey": "9B1fDM5v9ANnfqXcI2lcoANGWd1Ao7c6PYEUmAu0w8",
        "AppliedAmount": "-500",
        "RedeemLock": "7976-67-89-66417-1620731182000",
        "AssetName": "5£ off Gift | Point Shop",
        "Result": "Y",
        "MatchTypeMembershipKey": "Join",
        "AssetType": "gift",
        "OwningMembers": [
          "ddZCshp7tQp9B4lSVCVXEJ4j9AZdRCodcOPnSo2BFHebHjGkp9Du0o8"
        ],
        "AssetKey": "9B1fDM5v9ANnfqXcI2lcv7LmaYzgM9AdajeE0t9Ct0w8",
        "AssetTemplate": "smartAsset_fd00c8e4",
        "InvokingMembershipKey": "ddZCshp7tQp9B4lSVCVXEJ4j9AZdRCodcOPnSo2BFHebHjGkp9Du0o8",
        "ContextData": [],
        "MatchFoundMembershipKey": "true"
      },
      "Verification": "server",
      "Labels": {},
      "MembershipKey": "ddZCshp7tQp9B4lSVCVXEJ4j9AZdRCodcOPnSo2BFHebHjGkp9Du0o8",
      "Public": "false",
      "BranchID": "67",
      "TimeStamp": "11.05.2021 11:26:51",
      "Source": "POS",
      "TransactionID": "66417",
      "AssetKey": "9B1fDM5v9ANnfqXcI2lcv7LmaYzgM9AdajeE0t9Ct0w8",
      "PosID": "89",
      "Kind": "UserAction",
      "CreatedOn": "11.05.2021 11:26:51",
      "Key": "60y4KJDxK4DzWmLbuJLuiiHu9DIpWoq69AyxknNUKPGyi1g88"
    },
    "TimeZone": "Asia/Jerusalem",
    "TextDirection": "ltr",
    "Asset": {
      "AssetSource": "POS",
      "Type": "gift",
      "Key": "9B1fDM5v9ANnfqXcI2lcv7LmaYzgM9AdajeE0t9Ct0w8",
      "Template": "smartAsset_fd00c8e4"
    },
    "Membership": {
      "MembershipStatus": "registered",
      "AccumulatedPoints": "0",
      "Email": "pos@como.com",
      "LastUpdate": "11.05.2021 11:26:45",
      "BudgetWeighted": "505740",
      "UserKey": "iepWxi6PyR6R9BmjH9DDFjk9AkCOGid1AtEdKjeEg88",
      "LocationID": "1111",

```

```

    "comoMemberID": "18b1097d-85d2-4a61-b4e3-16c495fac696",
    "Points": "292800",
    "AllowEmail": "true",
    "Consent": "yes",
    "Assets": [],
    "Kind": "UserAtLocation",
    "CreatedOn": "11.05.2021 11:06:21",
    "RegistrationSource": "AutoRegistration",
    "WeightedPoints": "312800",
    "AllowSMS": "true",
    "UnweightedBudgetPoints": "-20000",
    "Status": "ok",
    "FirstName": "Como",
    "ConsentForHub": "yes",
    "PreviousUserKeys": [
      "i01VxS20yB2Q9BWF69Cyxjlc4CNGy12A09CcqeEA88"
    ],
    "EntityId": "6706409628270592",
    "CommonExtID": "800a2deb-212d-4b42-a9e3-29f032791298",
    "PhoneNumber": "0501234567",
    "LastName": "Test",
    "Tag": [
      "1stPurchase"
    ],
    "BudgetAccumulatedUnweighted": "0",
    "BudgetUnweighted": "-7060",
    "BudgetAccumulatedWeighted": "512800",
    "Key": "ddZCshp7tQp9B41SVCVXEJ4j9AZdRCodc0PnSo2BFHebHjGkp9Du0o8",
    "ComoMemberID": "18b1097d-85d2-4a61-b4e3-16c495fac696"
  },
  "Rule": {
    "ID": "automation_d05ab107",
    "Tag": "automation_d05ab107"
  }
}

```



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