

MPS COUNTER COP5 SUSHI Harvesting Guidelines

Pre-Requisites	
ReST client or web browser	Postman, google chrome, Mozilla, IE, safari, etc
SUSHI Service URL*	https://c5sushi.mpsinsight.com/c5sushi/services/ for e.g. (for csv format): https://c5sushi.mpsinsight.com/c5sushi/services/download/csv?report_name=TR&customer_id=0004&api_key=insight::2dee866c3709ee1cbc3e2f9f54b1c2ab&begin_date=2022-01-01&end_date=2022-10-31 (for json format): https://c5sushi.mpsinsight.com/c5sushi/services/reports/tr?customer_id=0004&api_key=insight::2dee866c3709ee1cbc3e2f9f54b1c2ab&begin_date=2023-01-01&end_date=2023-01-31
customer_id*	a valid customer/institution/account ID for which reports needs to be harvested
requestor_id	Mandatory only if provided by the service provider
Platform	Optional parameter used to get report for the particular platform, mandatory only if provided by the service provider
api_key*	Optional parameter used for authentication of request, same has to provide by SUSHI service provider/vendor. (Mandatory for MPS Clients, used for authentication)
begin_date*	Start of duration for which reports needs to be fetched, format is fixed as yyyy-mm-dd or yyyy-mm
end_date*	End of duration for which reports needs to be fetched, format is fixed as yyyy-mm-dd or yyyy-mm

*Mandatory Fields

Brief: COUNTER Project Team recommended 3 different methods for authenticating SUSHI services; MPS has implemented secure API Key authentication complaint mechanism for its Insight platform, hence **apikey** is mandatory here.

Question: How to get my (Library/Consortium user) API Key for SUSHI Reports harvesting?

Answer: Users can find their respective SUSHI harvesting API key in user details section along with SUSHI status (Active/Not-Active). Refer below screenshot for your reference.



- Home
- Usage Reports
- Manage Accounts
- Support

User Profile

First Name	Library
Last Name	User
Email ID	library@mpsinsight.com
User Type	LibraryClients
User Role	ADMIN
SUSHI Status	Sushi Service is Active for this user 1 - ACTIVE
SUSHI API Key	<u>insight::2dee866c3709ee1cbc3e2f9f54b1c2ab</u> Update User Details Sushi Api Key to access reports for linked Accounts

****Note:- SUSHI API key get updated when-ever user changes password on interface for security reasons.**

Question: How to Harvest Reports via SUSHI service?

Answer: To harvest the reports via COP5 SUSHI user needs to have access to a ReST service client or any Web Browser, a working internet connection and mandatory parameters provided by the vendor. Let's consider below details for which the user wants to download the reports via COP5 SUSHI application.

Institution Name	Test_university – 0004
* SUSHI Service URL	https://c5sushi.mpsinsight.com/c5sushi/services/
* Customer ID	0004
* api_key	insight::2dee866c3709ee1cbc3e2f9f54b1c2ab
* begin_date	2020-01-01
* end_date	2020-10-31 (Always select one month prior to the current month as COUNTER reports are updated for last month usage only, for example, if you are fetching data range Jan-2021 till Feb-2021 in March 2021, you need to fill date ranges - 2021-01-01 till 2021-02-28 only)

** insight:: is mandatory with API KEY where insight is the code of publisher, like ieee

For fetching “Title Master Report” reports the URL will be “/reports/tr”. Below is the list & url of all possible reports and statistics that can be harvested via COP5 SUSHI.

Code	Report Name	Url
Status	This resource returns the current status of the reporting service supported by this API.	/status
Members	This resource returns the list of consortium members related to a Customer ID.	/members
Reports	This resource returns a list of reports supported by the API for a given application.	/reports
DR	Database Report Master	/reports/dr
DR_D1	Database Search and Item Usage	/reports/dr_d1
DR_D2	Database Access Denied	/reports/dr_d2
TR	Title Report Master	/reports/tr
TR_B1	Book Requests (Excluding OA_Gold)	/reports/tr_b1
TR_B2	Book Access Denied	/reports/tr_b2
TR_B3	Book Usage by Access Type	/reports/tr_b3
TR_J1	Journal Requests (Excluding OA_Gold)	/reports/tr_j1
TR_J2	Journal Access Denied	/reports/tr_j2
TR_J3	Journal Usage by Access Type	/reports/tr_j3
TR_J4	Journal Requests by YOP (Excluding OA_Gold)	/reports/tr_j4
IR	Item Report Master	/reports/ir
IR_A1	Journal Article Requests	/reports/ir_a1
IR_M1	Multimedia Item Requests	/reports/ir_m1
PR	Platform Report Master	/reports/pr
PR_P1	Platform Usage	/reports/pr_p1

Refer the below swagger hub link for more details on COP5 SUSHI standard parameters, methods and URL. https://app.swaggerhub.com/apis-docs/COUNTER/counter-sushi_5_0_api/1.0.0#/

Considering the above parameters to harvest the TR_J3 report the final URL for harvesting the report will be:-

https://c5sushi.mpsinsight.com/c5sushi/services/reports/tr_j3?customer_id=0004&api_key=Insight::2dee866c3709ee1cbc3e2f9f54b1c2a&begin_date=2020-1-01&end_date=2020-10-31

User can copy paste the above URL by using their library specific details in any browser to access the data or can use any Rest API Client Tool for fetching the reports. Refer below screenshots from different Tools & browsers.

1. POSTMAN (Rest Client)

The screenshot shows the Postman interface for an 'Untitled Request'. The request method is GET, and the URL is `https://c5sushi.mpsinsight.com/c5sushi/services/reports/tr_j3?customer_id=0004&api_key=insight:2dee866c3709ee1cbc3e2f9f54b1c2ab&begin_date=2019-01-01&end_date=2019-10-31`. The 'Query Params' section is expanded, showing a table with the following data:

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> customer_id	0004	
<input checked="" type="checkbox"/> api_key	insight:2dee866c3709ee1cbc3e2f9f54b1c2ab	
<input checked="" type="checkbox"/> begin_date	2019-01-01	
<input checked="" type="checkbox"/> end_date	2019-10-31	
Key	Value	Description

The response is displayed in the 'Body' section, rendered as JSON:

```
1 {
2   "Report_Header": {
3     "Created": "2021-02-04T10:28:30Z",
4     "Created_By": "MPS Limited",
5     "Customer_ID": "0004",
6     "Report_ID": "TR_J3",
7     "Release": "5",
8     "Report_Name": "Journal Usage by Access Type",
9     "Institution_Name": "Central Michigan University",
10    "Institution_ID": "101109"
11  }
```

2. Google Chrome Web Browser

The screenshot shows the Google Chrome browser with the URL `https://c5sushi.mpsinsight.com/c5sushi/services/reports/tr_j3?customer_id=0004&api_key=Insight:2dee866c3709ee1cbc3e2f9f54b1c2a&begin_date=2019-1-1&end_date=2019-10-31`. The response is displayed as a large JSON object:

```
{
  "Report_Header": {
    "Created": "2021-02-04T10:42:16Z",
    "Created_By": "MPS Limited",
    "Customer_ID": "0004",
    "Report_ID": "TR_J3",
    "Release": "5",
    "Report_Name": "Journal Usage by Access Type",
    "Institution_Name": "Central Michigan University",
    "Institution_ID": "101109"
  },
  "Report_Filters": {
    "Name": "Begin Date",
    "Value": "2020-01-01",
    "Name": "End Date",
    "Value": "2020-11-30",
    "Name": "Data Type",
    "Value": "Journal"
  },
  "Name": "Metric Type",
  "Value": "Total_Item_Investigations|Total_Item_Requests|Unique_Item_Investigations|Unique_Item_Requests",
  "Name": "Access Method",
  "Value": "Regular",
  "Report_Items": {
    "Title": "IEEE Access",
    "Item_ID": "10.1109/Access.6287639",
    "Type": "Online_ISSN",
    "Value": "2169-3536",
    "Platform": "IEEE Xplore",
    "Publisher": "IEEE",
    "Access_Type": "OA_Gold",
    "Publisher_ID": "10.1109/Access.6287639",
    "Performance": {
      "Period": {
        "Begin_Date": "2020-02-01",
        "End_Date": "2020-02-29",
        "Instance": {
          "Metric_Type": "Unique_Item_Requests",
          "Count": 1,
          "Metric_Type": "Total_Item_Requests",
          "Count": 1,
          "Metric_Type": "Unique_Item_Investigations",
          "Count": 1,
          "Metric_Type": "Total_Item_Investigations",
          "Count": 1
        }
      }
    }
  },
  "Title": "IEEE Transactions on Cybernetics",
  "Item_ID": "10.1109/TCYB.6221036",
  "Type": "Online_ISSN",
  "Value": "2168-2275",
  "Type": "Print_ISSN",
  "Value": "2168-2267",
  "Platform": "IEEE Xplore",
  "Publisher": "IEEE",
  "Access_Type": "Controlled",
  "Publisher_ID": "10.1109/TCYB.6221036",
  "Performance": {
    "Period": {
      "Begin_Date": "2020-03-01",
      "End_Date": "2020-03-31",
      "Instance": {
        "Metric_Type": "Unique_Item_Investigations",
        "Count": 1,
        "Metric_Type": "Total_Item_Investigations",
        "Count": 1
      }
    }
  },
  "Title": "IEEE Transactions on Knowledge and Data Engineering",
  "Item_ID": "10.1109/TKDE.69",
  "Type": "Online_ISSN",
  "Value": "1558-2191",
  "Type": "Print_ISSN",
  "Value": "1041-4347",
  "Platform": "IEEE Xplore",
  "Publisher": "IEEE",
  "Access_Type": "Controlled",
  "Publisher_ID": "10.1109/TKDE.69",
  "Performance": {
    "Period": {
      "Begin_Date": "2020-03-01",
      "End_Date": "2020-03-31",
      "Instance": {
        "Metric_Type": "Unique_Item_Investigations",
        "Count": 1,
        "Metric_Type": "Total_Item_Investigations",
        "Count": 1
      }
    }
  }
}
```

3. Mozilla Firefox Web Browser

The screenshot shows the Mozilla Firefox browser with the URL `https://c5sushi.mpsinsight.com/c5sushi/services/reports/tr_j3?customer_id=0004&api_key=Insight:2dee866c3709ee1cbc3e2f9f54b1c2a&begin_date=2019-1-1&end_date=2019-10-31`. The response is displayed as a large JSON object:

```
{
  "Report_Header": {
    "Created": "2021-02-04T10:48:06Z",
    "Created_By": "MPS Limited",
    "Customer_ID": "0004",
    "Report_ID": "TR_J3",
    "Release": "5",
    "Report_Name": "Journal Usage by Access Type",
    "Institution_Name": "Central Michigan University",
    "Institution_ID": "101109"
  },
  "Report_Filters": {
    "Name": "Begin Date",
    "Value": "2020-01-01",
    "Name": "End Date",
    "Value": "2020-12-31",
    "Name": "Data Type",
    "Value": "Journal"
  },
  "Name": "Metric Type",
  "Value": "Total_Item_Investigations|Total_Item_Requests|Unique_Item_Investigations|Unique_Item_Requests",
  "Name": "Access Method",
  "Value": "Regular",
  "Report_Items": {
    "Title": "IEEE Access",
    "Item_ID": "10.1109/Access.6287639",
    "Type": "Online_ISSN",
    "Value": "2169-3536",
    "Platform": "IEEE Xplore",
    "Publisher": "IEEE",
    "Access_Type": "OA_Gold",
    "Publisher_ID": "10.1109/Access.6287639",
    "Performance": {
      "Period": {
        "Begin_Date": "2020-02-01",
        "End_Date": "2020-02-29",
        "Instance": {
          "Metric_Type": "Unique_Item_Requests",
          "Count": 1,
          "Metric_Type": "Total_Item_Requests",
          "Count": 1,
          "Metric_Type": "Unique_Item_Investigations",
          "Count": 1,
          "Metric_Type": "Total_Item_Investigations",
          "Count": 1
        }
      }
    }
  },
  "Title": "IEEE Transactions on Cybernetics",
  "Item_ID": "10.1109/TCYB.6221036",
  "Type": "Online_ISSN",
  "Value": "2168-2275",
  "Type": "Print_ISSN",
  "Value": "2168-2267",
  "Platform": "IEEE Xplore",
  "Publisher": "IEEE",
  "Access_Type": "Controlled",
  "Publisher_ID": "10.1109/TCYB.6221036",
  "Performance": {
    "Period": {
      "Begin_Date": "2020-03-01",
      "End_Date": "2020-03-31",
      "Instance": {
        "Metric_Type": "Unique_Item_Investigations",
        "Count": 1,
        "Metric_Type": "Total_Item_Investigations",
        "Count": 1
      }
    }
  },
  "Title": "IEEE Transactions on Knowledge and Data Engineering",
  "Item_ID": "10.1109/TKDE.69",
  "Type": "Online_ISSN",
  "Value": "1558-2191",
  "Type": "Print_ISSN",
  "Value": "1041-4347",
  "Platform": "IEEE Xplore",
  "Publisher": "IEEE",
  "Access_Type": "Controlled",
  "Publisher_ID": "10.1109/TKDE.69",
  "Performance": {
    "Period": {
      "Begin_Date": "2020-03-01",
      "End_Date": "2020-03-31",
      "Instance": {
        "Metric_Type": "Unique_Item_Investigations",
        "Count": 1,
        "Metric_Type": "Total_Item_Investigations",
        "Count": 1
      }
    }
  }
}
```