



## Explore API Documentation

# SelfService\_Control\_ActualVendorHours

Version 1.0

Last Modified: 06/06/2023

Last Modified By: Litzy Mora

## Change Log

This changelog only contains significant or notable changes to the revision. Any editorial type changes or minor changes are not included.

| Revision | Change Date | Description   | Modified By |
|----------|-------------|---------------|-------------|
| 1.0      | 6/6/2022    | Initial draft | Litzy Mora  |

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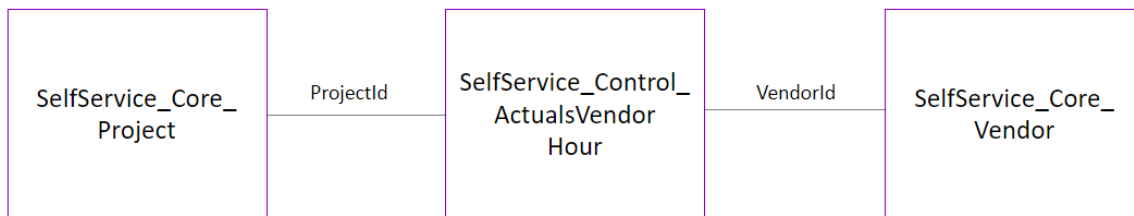
## Overview

This API exposes actual vendor hours.

## Relationships and Dependencies

| From: Table                                 | To: Table                         | Relationship                  | Cardinality <sup>1</sup> | Comment |
|---------------------------------------------|-----------------------------------|-------------------------------|--------------------------|---------|
| SelfService_Control_ActualsVendorHour (AVH) | SelfService_Core_Vendor (V)       | AVH.VendorId=V.VendorId       | M:1                      |         |
| SelfService_Control_ActualsVendorHour (AVH) | SelfService_Core_Project (P)      | AVH.ProjectId=P.ProjectId     | M:1                      |         |
| SelfService_Control_ActualsVendorHour (AVH) | SelfService_Control_CostItem (CI) | AVH.CostItem=CI.CostItem      | M:1                      |         |
| SelfService_Control_ActualsVendorHour (AVH) | SelfService_Calendar (C)          | AVH.PostedDate=C.CalendarDate | M:1                      |         |

Control\_ActualsVendorHour



## API Detail

|                      |                                                                                                                                                                                                                                                                         |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Direction            | From Project Suite                                                                                                                                                                                                                                                      |
| Pagination           | 50,000 Rows                                                                                                                                                                                                                                                             |
| Frequency            | All Reporting APIs are used by calling a GET method at an interval determined by the customer. InEight suggests using these APIs on an infrequent basis (once per day) to avoid potential performance impact to live systems when the returned data set could be large. |
| Trigger Method(s)    | All default OData filters are supported                                                                                                                                                                                                                                 |
| Average Payload Size | Depends on date range selected                                                                                                                                                                                                                                          |
| APIM Name            | SelfService_Control_ActualsVendorHours                                                                                                                                                                                                                                  |

<sup>1</sup> 1:M = One to Many, 1:1 = One to One, M:1 = Many to one

|                                      |                  |                                                        |
|--------------------------------------|------------------|--------------------------------------------------------|
| Data Refresh/Delta/Incremental Loads |                  | The data in this API will refresh every 15- 20 minutes |
| Project Suite                        | Starting Version | 22.8                                                   |
|                                      | Ending Version   | N/A                                                    |

## Supported Filters

All default OData filters are supported by this API.

## Fields

| Name                 | Type     | CharMaxLengt<br>h | NumericPrecisio<br>n | DatePrecisio<br>n | Product | P<br>K |
|----------------------|----------|-------------------|----------------------|-------------------|---------|--------|
| ActualsVendorHoursId | bigint   | 8                 | 19                   | 0                 | Control | X      |
| ProjectId            | bigint   | 8                 | 19                   | 0                 | Control |        |
| CostItemId           | bigint   | 8                 | 19                   | 0                 | Control |        |
| VendorId             | bigint   | 8                 | 19                   | 0                 | Control |        |
| PostedDate           | datetime | 8                 | 23                   | 3                 | Control |        |
| VendorHours          | decimal  | 13                | 28                   | 15                | Control |        |
| TransactionId        | nvarchar | 50                | 0                    | 0                 | Control |        |
| CreatedById          | bigint   | 8                 | 19                   | 0                 | Control |        |
| CreatedDate          | datetime | 8                 | 23                   | 3                 | Control |        |
| ModifiedById         | bigint   | 8                 | 19                   | 0                 | Control |        |
| ModifiedDate         | datetime | 8                 | 23                   | 3                 | Control |        |
| IsActive             | bit      | 1                 | 1                    | 0                 | Control |        |
| IncludedInSummary    | bit      | 1                 | 1                    | 0                 | Control |        |
| SourceSystemId       | nvarchar | 50                | 0                    | 0                 | Control |        |
| SourceSystemName     | nvarchar | 100               | 0                    | 0                 | Control |        |

## Field Descriptions

| Name                 | Description                                        | Example                              |
|----------------------|----------------------------------------------------|--------------------------------------|
| ActualsVendorHoursId | The unique identifier for the table                | 3                                    |
| ProjectId            | Unique identifier for a project                    | 19                                   |
| CostItemId           | System generated id for Cost item                  | 1811186                              |
| VendorId             | Id assigned to a vendor in the master data library | 105                                  |
| PostedDate           | The date that the actuals were posted.             | 2023-05-08 00:00:00.000              |
| VendorHours          | Actual vendor hours                                | 12.0000000000000000                  |
| TransactionId        | Unique identifier for the transaction              | 00000000-0000-0000-0000-000000000000 |
| CreatedById          | Unique identifier for whoever created the import   | 1                                    |

|                   |                                                                                          |                         |
|-------------------|------------------------------------------------------------------------------------------|-------------------------|
| CreatedDate       | Date the import was created                                                              | 2023-05-08 08:21:53.677 |
| ModifiedById      | Identifier for the user who last modified                                                | 1                       |
| ModifiedDate      | Date the item was last modified                                                          | 2023-05-08 08:24:34.270 |
| IsActive          | When this field equals 0, then the cost item is no longer active and used in the project | 0                       |
| IncludedInSummary | Indicates if record is included in summary                                               | 1                       |
| SourceSystemId    | Unique identifier for the source system of the record                                    | 2536213                 |
| SourceSystemName  | Name of the source system of the record                                                  | Plan                    |

### Sample

```
{
  "ActualsVendorHoursId":1,
  "ProjectId":19,
  "CostItemId":1811186,
  "VendorId":105,
  "PostedDate":"2023-05-05T00:00:00Z",
  "VendorHours":45.00000000000000,
  "TransactionId":"00000000-0000-0000-0000-000000000000",
  "CreatedBy":1,
  "CreatedDate":"2023-05-05T07:06:31.847Z",
  "ModifiedBy":1,
  "ModifiedDate":"2023-05-05T07:06:33.063Z",
  "IsActive":true,
  "IncludedInSummary":true,
  "SourceSystemId":"2536170",
  "SourceSystemName":"Plan"}

```

### Data Validation

Control > Workspaces > Actuals data block

| Actuals     | 12/29/2017 to 05/25/2023 | Actual qty (to date) | Actual Mhrs/unit (to date) | CB Mhrs G/L (to date) | Actual cost (to date) | CB actual cost G/L (to date) | Actual vendor Mhrs (to date) |                |                    |
|-------------|--------------------------|----------------------|----------------------------|-----------------------|-----------------------|------------------------------|------------------------------|----------------|--------------------|
| 0.950       | 3,375,649.472            | -978,071.738         | \$ 914,070,117.540         | (\$ 116,311,492.299)  | 0.000                 | 0.958                        | 3,348,747.349                | -978,070.900   | \$ 914,070,117.540 |
| 2,018.809   | 1,196.766                | -804,271.513         | \$ 268,874,078.020         | (\$ 73,689,150.140)   | 0.000                 | 2,050.014                    | 1,178.549                    | -804,270.674   | \$ 268,874,078.020 |
| 0.964       | 443,750.934              | -62,493.939          | \$ 31,166,484.500          | (\$ 8,025,372.939)    | 0.000                 | 0.987                        | 433,136.963                  | -62,493.103    | \$ 31,166,484.500  |
| 0.977       | 112,371.275              | -9,437.631           | \$ 7,399,472.910           | (\$ 1,262,057.012)    | 0.000                 | 0.977                        | 112,304.979                  | -9,437.631     | \$ 7,399,472.910   |
| 0.985       | 96,316.083               | -5,301.260           | \$ 6,378,449.070           | (\$ 873,423.000)      | 0.000                 | 0.985                        | 96,300.917                   | -5,301.260     | \$ 6,378,449.070   |
| 3.254       | 236.967                  | -17.200              | \$ 50,995.700              | (\$ 3,513.544)        | 0.000                 | 3.254                        | 236.967                      | -17.200        | \$ 50,995.700      |
| 15,076.000  | 0.051                    | -17.200              | \$ 50,995.700              | (\$ 3,513.544)        | 0.000                 | 15,076.000                   | 0.051                        | -17.200        | \$ 50,995.700      |
| 1.000       | 19,513.770               | 1,059.140            | \$ 1,363,403.710           | \$ 48,574.016         | 0.000                 | 1.000                        | 19,513.750                   | 1,059.140      | \$ 1,363,403.710   |
| 37,064.000  | 0.040                    | -436.581             | \$ 1,023,374.200           | (\$ 25,155.451)       | 0.000                 | 37,064.000                   | 0.040                        | -436.581       | \$ 1,023,374.200   |
| 60,669.000  | 0.018                    | 111.047              | \$ 82,485.900              | (\$ 18,405.361)       | 0.000                 | 60,669.000                   | 0.018                        | 111.047        | \$ 82,485.900      |
| 49,394.000  | 0.095                    | -223.255             | \$ 308,577.280             | (\$ 21,535.588)       | 0.000                 | 49,394.000                   | 0.095                        | -223.255       | \$ 308,577.280     |
| 215,941.939 | 0.023                    | 1,460.561            | \$ 342,488.580             | \$ 126,051.553        | 0.000                 | 215,941.939                  | 0.023                        | 1,460.561      | \$ 342,488.580     |
| 162,943.306 | 0.044                    | 108.369              | \$ 520,110.720             | (\$ 5,155.954)        | 0.000                 | 162,943.305                  | 0.044                        | 108.369        | \$ 520,110.720     |
| 3,160       | 37.658                   | 39.000               | \$ 6,367.030               | \$ 1,874.786          | 0.000                 | 3,160                        | 37.658                       | 39.000         | \$ 6,367.030       |
| 0.751       | 6,357.594                | -3,160.932           | \$ 331,507.340             | (\$ 220,984.102)      | 0.000                 | 0.000                        | 0.000                        | -3,160.932     | \$ 331,507.340     |
| 65.210      | 5.513                    | -297.621             | \$ 23,495.890              | (\$ 19,475.662)       | 0.000                 | 65.210                       | 5.513                        | -297.621       | \$ 23,495.890      |
| 17,467.000  | 0.017                    | -118.000             | \$ 21,442.570              | (\$ 10,142.337)       | 0.000                 | 17,467.000                   | 0.017                        | -118.000       | \$ 21,442.570      |
| 55,699.000  | 0.037                    | -1,520.697           | \$ 146,990.920             | (\$ 111,026.608)      | 0.000                 | 55,699.000                   | 0.037                        | -1,520.697     | \$ 146,990.920     |
|             |                          | -1,049,732.988       | \$ 931,639,881.030         | (\$ 123,910,488.209)  |                       |                              |                              | -1,049,732.150 | \$ 931,639,881.030 |